



OVAL TRACK
PRODUCT CATALOG

SUSPENSION • COOLING • BRAKES



DEDICATED TO BUILDING
SPEED, POWER, AND PERFORMANCE
FOR OVER 40 YEARS!



OVER 40 YEARS OF PERFORMANCE



Dynatech



WHO WE ARE

AFCO is an engineering-based manufacturing company staffed by experienced professionals who are passionate about the racing industry. AFCO started with a simple need for a better suspension component. Now, after more than 35 years, we have grown into a full-service manufacturing and distribution company that builds industry-leading suspension, cooling, and brake components. Our products are distributed by the finest automotive aftermarket chassis builders, warehouses, and retailers throughout North America, Europe, Australia, and New Zealand. Three decades of working closely with racers and tuners has yielded a team focused on delivering superior performance, quality, and value in every product we make.

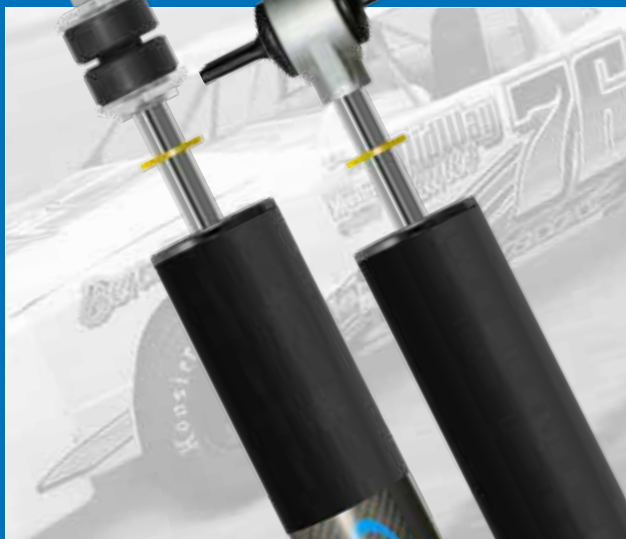
PREMIER DESIGN & ENGINEERING

Our great products start with the best design and engineering people. Our engineering team is one of the most experienced in the industry. AFCO products are known for reliability, performance, value, and innovation. Before we ever release the first iteration of a new product, we use a combination of vehicle data collection tools, extensive CAD modeling, finite element analysis testing, laboratory testing, and extensive field trials to make sure you are getting the best product for your money. We spend countless hours on the road testing and refining our products at the tracks with our customers so you can be sure our products will work as advertised every time!



MANUFACTURING EXCELLENCE

Our experienced, dedicated manufacturing personnel use automated production machines such as CNC benders, CNC lathes and mills, and laser cutting equipment to give us the ability to produce the highest quality, most consistent products in our industry.



UNRIVALED CUSTOMER SERVICE & TRAINING

We understand the needs of our customers and we respond with outstanding technical support and customer service. Shock schools, chassis seminars, product training, fast and friendly service are all part of what you get when you purchase AFCO products.



WINNING PRODUCTS

The common thread that ties all AFCO products together is performance. AFCO products are built to perform because we love it when our customers win! Our unrelenting passion to be the best is the reason professional racers have relied on AFCO products for over 35 years!



CUSTOMIZATION YOU CAN COUNT ON

We strive to meet our customer's specific needs. We can often build to your custom specifications. We look forward to fulfilling your custom orders.

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NEW

***GAS SHOCKS* ALUMINUM**

DOUBLE ADJUSTABLE

62 SERIES

The 62 Series Gas Shock is designed for reduced gas pressure gain. These shocks are owner-serviceable, or you can take them to any AFCO shock repair center for convenient and fast turnaround. With many customizable options, you can tailor your 62 Series Shocks for any late-model application.

- *Double adjustable.*
- *Latest technology.*
- *DURox chrome shaft.*
- *Owner serviceable.*
- *Second-to-none technical support.*
- *Custom valving available at NO EXTRA CHARGE.*



STROKE	COMPRESSED LENGTH	EXTENDED LENGTH
6"	12.20"	18.16"
7"	13.20"	20.16"
8"	14.20"	22.16"
9"	15.20"	24.16"



**INCLUDES:
COIL-OVER KIT
HARDWARE**
(20135CPRO - for each shock)

DOUBLE ADJUSTABLE

POPULAR OPTIONS

7" FRONT - ALL	PART#
STANDARD FRONT (3-6 / 3-6)	6270
HIGH SPEED REBOUND (3-6 / 4-8)	6270HSR
SLICK TRACK (2-5 / 4-8)	6270S
RF HIGH SPEED TIE DOWN (3-6 / 5-12)	6270SX2
RF TIE DOWN (3-6 / 9-14 DIGRESSIVE REBOUND)	6270BNR6
RF/LF LINEAR REBOUND	6270-1LIN
RF 800 LBS @ 1"	6270BNR8
RF 1100 LBS @ 1"	6270BNR11
RF 1500 LBS @ 1"	6270BNR15
RF/LF 600 LBS @ 1"	62736-6BNR
RF/LF 900 LBS @ 1"	62736-9BNRZ

9" REAR - 4 LINK / OTHERS	PART#
LEFT REAR ON 4 LINK & OTHERS (SPRING BEHIND)	6290LR
RIGHT REAR ON 4 LINKS & OTHERS	6290RR
SLICK TRACK (3-6 / 3-6)	6290S
RIGHT REAR ON 4 LINKS & OTHERS (5-8 / 1-3)	62958-13LIN

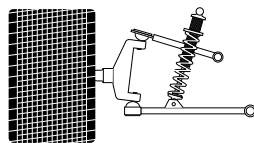
CUSTOM OPTIONS

LENGTH	VALVING	PART#
6"	SPECIFY - CALL FOR DETAILS	6260SP
7"	SPECIFY - CALL FOR DETAILS	6270SP
8"	SPECIFY - CALL FOR DETAILS	6280SP
9"	SPECIFY - CALL FOR DETAILS	6290SP

AFCO TECH: 4-LINK GAS SHOCK RECOMMENDATIONS

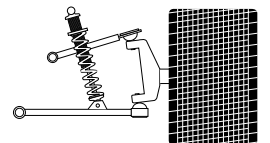
Left Front Shocks

GAS	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	6270HSR	2675-610	2775D
	SLICK	6270HSR	2675-610	2775-3D
	ROUGH	6270-1LIN	2675-610	2775D



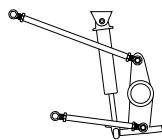
Right Front Shocks

GAS	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	6270BNR6	2674-610	2775-10
	SLICK	6270BNR6	2673-610	2773-10
	ROUGH	6270-1LIN	2674-610	2774-8



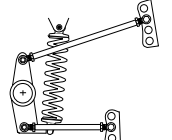
Left Rear Front Traction Shocks

GAS	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	6290LRF	•	21960
	SLICK	6290LRF	•	2196-2
	ROUGH	6290LRF	•	2195-3



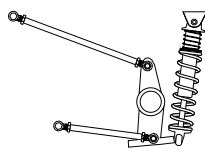
Right Rear Shocks

GAS	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	6290S	2694-47	2794
	SLICK	6290S	2693-47	2793-6
	ROUGH	6290S	2693-47	2793-6



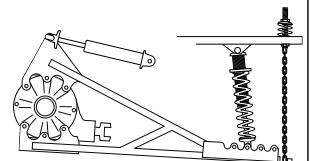
Left Rear Behind Shocks

GAS	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	6290LR	2695-36	2194
	SLICK	6290LR	2695-36	2195-3
	ROUGH	6290LR	2695-36	2194-5



Fifth Coil / Torque Arm Shocks

GAS	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	6270HSR	2673-47	2773-5
	SLICK	6270HSR	2673-47	2773-7
	ROUGH	6270HSR	2673-47	2773



GAS SHOCKS ALUMINUM

SINGLE ADJUSTABLE

26 SERIES

- Gas pressure single adjustable.
- Available in either compression or rebound adjustable.
- Schrader valve/floating piston design for gas pressure tuning.
- Coil-over kit sold separately. See below.

DESCRIPTION	COMPRESSED LENGTH	EXTENDED LENGTH
5"	11.40"	15.35"
6"	12.40"	17.35"
7"	13.40"	19.35"
8"	14.40"	21.35"
9"	15.40"	23.35"



HOW TO READ AND ORDER YOUR AFCD SHOCKS:

REBOUND ADJUSTABLE	SHOCK SERIES 26 ALUMINUM SINGLE ADJUSTABLE	STROKE LENGTH 9 OPTIONS: 6", 7", 8" or 9"	COMP. VALVE OPTIONS 3 0 to 14 FIXED	REB. RANGE OPTIONS 36 3 thru 6 = 36 4 thru 8 = 48 6 thru 10 = 610	ROD END STYLE Z SHORT ROD END	PART NUMBER = 2693-36Z
COMPRESSION ADJUSTABLE	SHOCK SERIES 26 ALUMINUM SINGLE ADJUSTABLE	STROKE LENGTH 9 OPTIONS: 6", 7", 8" OR 9"	COMP. RANGE OPTIONS 36 3 thru 6 = 36 4 thru 8 = 48 6 thru 10 = 610	REB. VALVE OPTIONS 3 0 to 14 FIXED	ROD END STYLE Z SHORT ROD END	PART NUMBER = 26936-3Z

BIG BODY - ALUMINUM THREADED COIL-OVER ACCESSORIES

21 & 26

DESCRIPTION	PART #
SPRING SEAT ONLY (TAPERED CONE)	20130
SNAP RING	10243SR
ADJUSTER NUT ONLY	20131APRO



20130



20131APRO



10243SR



GAS SHOCKS ALUMINUM

NON-ADJUSTABLE

NEW FOR 2026

27B SERIES

ADDRESSING MARKET DEMAND

We recognized a significant demand within the Dirt, Pavement Late Models, and Northeast Modifieds. Identifying a clear need for a specialized base valve non-bulb shock that caters specifically to their unique requirements.

SHOCK TUNER FRIENDLY DESIGN

Our commitment to meeting the needs of shock tuners led us to develop a manufacturing process that incorporates a removable base valve. This innovation ensures greater ease of tuning and customization.

IMPROVED FEEL WITH INTERNAL BASE VALVE DESIGN

Our shock absorber features an internal base valve design that allows the shock to run at a lower gas pressure, resulting in an unparalleled improvement in overall feel, responsiveness, and better grip in slick track conditions.

LEGAL IN MOST SANCTIONING BODIES

Worried about compliance? Rest assured, our shock absorber is fully approved and legal for use in all sanctioning bodies, giving racers the peace of mind they need.

CUSTOMIZABLE VALVING OPTIONS

We understand that each racer has specific requirements for their vehicle. That is why our shock absorbers are available with both standard and custom valving options, providing racers with the flexibility to tailor the performance to their preferences.

PISTON OPTIONS FOR OPTIMAL PERFORMANCE

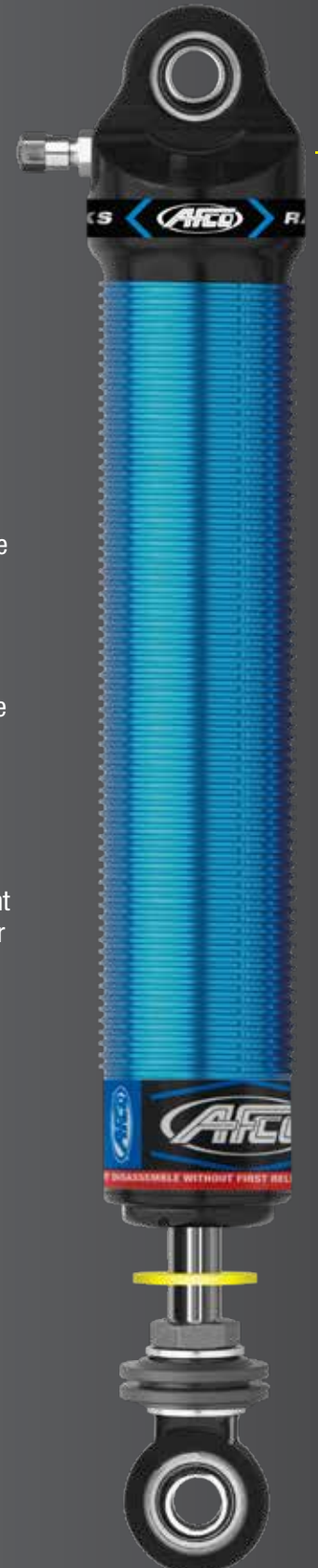
We offer a choice between linear or digressive pistons, allowing racers to fine-tune their setup for maximum performance and control.

UNMATCHED 9" STROKE SHOCK FOR LEFT REARS

Outpacing the competition, we proudly present a full 9" stroke shock designed specifically for left rear applications. This unique feature sets our shock absorber apart from all others on the market.

ENHANCED DRIVER FEEL WITH 1/2" DIAMETER SHAFT

To enhance driver feel and ensure an exceptional driving experience, we've incorporated a 1/2" diameter shaft, delivering a level of precision and feedback unmatched by other shock absorbers.



HOW TO READ AND ORDER YOUR AFCO SHOCKS:

SHOCK SERIES	STROKE LENGTH	SHAFT LENGTH	COMPRESSION VALVING	REBOUND VALVING
27B	6	7	4	BNR12
	6", 7", 8", 9"	6", 7", 8", 9"	0-14 Call for Custom Valve Options	0-14 Call for Custom Options

GAS SHOCKS ALUMINUM

NON-ADJUSTABLE

21/27 SERIES

- **21 Series:** (5/8" shaft) for greater rod pressure gain.
- **27 Series:** (1/2" shaft) for reduced rod pressure gain.
- Fixed valving in a gas pressure design.
- User serviceable/repairable.
- Custom valving available.

DESCRIPTION	7"	9"
COMPRESSED	13.53"	15.53"
EXTENDED	20.47"	24.47"

21 SERIES



27 SERIES



HOW TO READ AND ORDER YOUR AFCO SHOCKS:

SHOCK SERIES	STROKE LENGTH	COMP. VALVE OPTIONS	REB. VALVE OPTIONS	D	PART NUMBER
21 ALUMINUM NON-ADJUSTABLE	9 OPTIONS: 6", 7", 8" or 9"	6 0 to 12 FIXED	2 0-14 (LINEAR) or BNRX (DIGRESSIVE) (SEE CHART BELOW)	D	= 2196-2D

HOW TO READ AND ORDER YOUR AFCO SHOCKS:

SHOCK SERIES	STROKE LENGTH	COMP. VALVE OPTIONS	REB. VALVE OPTIONS	PART NUMBER
27 ALUMINUM NON-ADJUSTABLE	9 OPTIONS: 6", 7", 8" or 9"	3 0 to 12 FIXED	6 0-14 (LINEAR) or BNRX (DIGRESSIVE) (SEE CHART BELOW)	= 2793-6



TWIN TUBE SHOCKS^{ALUMINUM}

DOUBLE ADJUSTABLE

37 SERIES

5/8" SHAFT

- Double adjustable shock with no external canister - fits many shock rules.
- Twin Tube design for ultimate traction, when traction is at its worst.
- Includes coil-over hardware kit.
- Custom valving available.

POPULAR OPTIONS

7" FRONT - ALL	PART#
STANDARD FRONT (3-6 / 3-6)	3770Z
HIGH SPEED REBOUND (3-6 / 4-8)	3770HSRZ
SLICK TRACK (2-5 / 4-8)	3770SZ
RF HIGH SPEED TIE DOWN (3-6 / 5-12)	3770SX2Z
RF TIE DOWN (3-6 / 9-14 DIGRESSIVE REBOUND)	3770BNR6Z
RF/LF LINEAR REBOUND	3770-1LINZ
RF 800 LBS @ 1"	3770BNR8Z
RF 1100 LBS @ 1"	3770BNR11Z
RF 1500 LBS @ 1"	3770BNR15Z
RF/LF 600 LBS @ 1"	37736-6BNR
RF/LF 900 LBS @ 1"	37736-9BNRZ

9" REAR - 4 LINK / OTHERS	PART#
RIGHT REAR ON 4 LINKS & OTHERS	3790RZ

9" REAR - SWING ARM	PART#
(3-6 / 3-6)	3790SAZ

STROKE	COMPRESSED LENGTH	EXTENDED LENGTH
5"	11.18"	16.10"
6"	12.18"	18.10"
7"	13.18"	20.10"
8"	14.18"	22.10"
9"	15.18"	24.10"

CUSTOM OPTIONS

LENGTH	VALVING	PART#
6"	SPECIFY - CALL FOR DETAILS	3760SPZ
7"	SPECIFY - CALL FOR DETAILS	3770SPZ
8"	SPECIFY - CALL FOR DETAILS	3780SPZ
9"	SPECIFY - CALL FOR DETAILS	3790SPZ

AFCO TECH: 4-LINK TWIN TUBE SHOCK RECOMMENDATIONS

Left Front Shocks

TWIN TUBE	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	3770S	3675-48	1375-7
	SLICK	3770S	3675-48	1376-4
	ROUGH	3770-14N	3675-48	1374-7

Right Front Shocks

TWIN TUBE	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	3770BNR6	3674-510	1373-8
	SLICK	3770BNR6	3673-510	1373-8
	ROUGH	3770-1LIN	3674-510	1374-8

Left Rear Front / Traction Shocks

TWIN TUBE	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	37969-03	35936-0	1396-0
	SLICK	37969-03	35936-0	1398-0
	ROUGH	37969-03	35936-3	1396-3

Right Rear Shocks

TWIN TUBE	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	•	3694-47	1394
	SLICK	•	3693-47	1393-6
	ROUGH	•	3693-47	1393-6

Left Rear Behind Shocks

TWIN TUBE	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	3790L	3695-36	1394
	SLICK	3790L	3695-36	1395-3
	ROUGH	3790L	3695-36	1394-5

Fifth Coil / Torque Arm Shocks

TWIN TUBE	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	3770HSR	3673FC	1373-5
	SLICK	3770HSR	3673FC	1373-7
	ROUGH	3770HSR	3673FC	1373

Axle Damper Rear Shocks

TWIN TUBE	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	•	•	1171-9T
	SLICK	•	•	1171-14T
	ROUGH	•	•	1171-9T

Axle Damper Front Shocks

TWIN TUBE	TRACK CONDITION	DOUBLE ADJ.	SINGLE ADJ.	NON ADJ.
	BASE	•	•	1176-0T
	SLICK	•	•	1179-1T
	ROUGH	•	•	1174-0T



TWIN TUBE SHOCKS ALUMINUM

NON-ADJUSTABLE

13 SERIES

5/8" SHAFT

- Shim stack technology gives excellent consistency and repeatability.
- Twin Tube design for best performance on slick and smooth tracks.

STROKE	COMPRESSED LENGTH	EXTENDED LENGTH
6"	12.32"	18.25"
7"	13.32"	20.25"
8"	14.32"	22.25"
9"	15.32"	24.25"

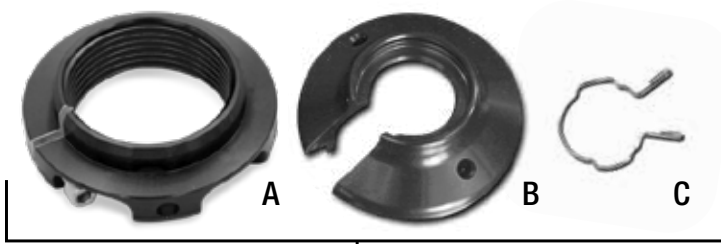
HOW TO READ AND ORDER YOUR 13 SERIES AFCD SHOCKS:

NON-ADJUSTABLE	SHOCK SERIES	STROKE LENGTH	COMP. VALVE	REB. VALVE	DEFLECTIVE DISC DESIGN	PART NUMBER
	13	9	3	6	T	= 1393-6T
	ALUMINUM NON-ADJUSTABLE	6", 7", 8" or 9"	0 to 9 FIXED	0 to 14 FIXED		



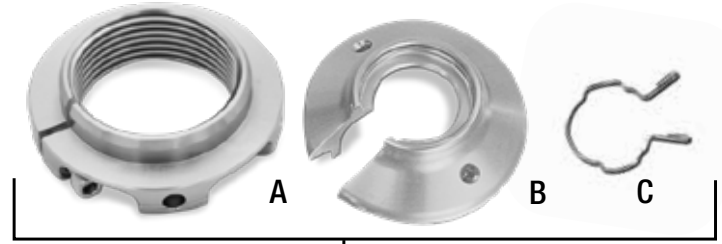
SHOCK ACCESSORIES

BIG BODY - ALUMINUM THREADED COIL-OVER KITS



DELUXE COIL-OVER KIT: [20135PRO](#)

DESCRIPTION	PART #
DELUXE LOCKING COIL-OVER KIT	20135PRO
A) ADJUSTER NUT ONLY	20131APRO
B) SPRING SEAT ONLY (TAPERED CONE)	20130
C) SNAP RING ONLY	10243SR



SILVER DELUXE COIL-OVER KIT: [20135CPRO](#)

DESCRIPTION	PART #
SILVER DELUXE LOCKING COIL-OVER KIT	20135CPRO
A) ADJUSTER NUT ONLY	0000688.30
B) SPRING SEAT ONLY (TAPERED CONE)	20130CX
C) SNAP RING ONLY	10243SR

COIL-OVER TRAVEL INDICATOR

Great tool to determine what your suspension is doing.



INSTALLS AS SHOWN

DESCRIPTION	PART #
COIL-OVER TRAVEL INDICATOR	20116

AFCO's Dual Stage Coil-Over assembly provides variable spring rates that can be used to improve traction and handling in the slickest of conditions. Additionally, the assemblies can help eliminate suspension bottoming problems common with today's dirt late model race cars.



BLACK DUAL STAGE SPRINGS

AFCO BIG BODY DUAL STAGE COIL-OVER

DESCRIPTION	PART #
BIG BODY DUAL STAGE HARDWARE KIT - INCLUDES (2) 20100-2, 20183-1 & 20183-2	20121-2
DUAL STAGE SPRING SLIDER NYLON	20183-1
DUAL STAGE JAM NUT (REQUIRES 2 PCS.)	20100-2
DUAL STAGE SPRING SLIDER ALUMINUM	20183-2

DESCRIPTION	PART #
SECONDARY SPRING 4" X 300 (2-5/8" ID)	26300B
SECONDARY SPRING 4" X 350 (2-5/8" ID)	26350B
SECONDARY SPRING 5" X 500 (2-5/8" ID)	26500-3B
PRIMARY SPRING 8.25" X 600 (2-5/8" ID)	26600-2B
PRIMARY SPRING 8.25" X 700 (2-5/8" ID)	26700-2B

SHOCK ACCESSORIES & REBUILD TOOLS



DESCRIPTION **PART #**
GAS ROD GUIDE WRENCH [A700500051](#)



DESCRIPTION **PART #**
SHOCK HEX BLEEDER WRENCH [700500180](#)



DESCRIPTION **PART #**
FLOATING PISTON HEIGHT GAUGE [A700500136](#)
1/2" SHAFT PISTON HEIGHT GAUGE [700500181](#)



DESCRIPTION **PART #**
BIG BODY WRENCH HANDLE [700500048](#)
BIG BODY ALUMINUM SLEEVE [700500147](#)



DESCRIPTION **PART #**
HAND BEARING PRESS [A700500076](#)



DESCRIPTION **PART #**
PRESSURE TUBE INSTALLER [A700500090](#)



DESCRIPTION **PART #**
BIG BODY ROD GUIDE WRENCH [550000665](#)



DESCRIPTION **PART #**
NON/SINGLE ADJ. TWIN TUBE JET PLUG [A700500065](#)

CANISTER VISE PLATE



SCREWS INCLUDED

DESCRIPTION **PART #**
CANISTER VISE PLATE [A700500034](#)

SPANNER WRENCH

Used for adjusting coil-over nuts. Spring pressure should be relieved before adjusting.

DESCRIPTION **PART #**
SPANNER WRENCH [20110](#)



2.5" COIL-OVER ADJUSTER NUT BEARING KIT



Sold in pairs.

DESCRIPTION **PART #**
2.5" NUT BEARING KIT [20144](#)



ELITE DIGITAL SHOCK INFLATION TOOL

- Available at LongacreRacing.com
- Dual Pivoting Head: Easily accessible in tight spaces.
- Low-Flow Pressure Relief Button: Makes precise gas pressure adjustments simple.
- Digital Gauge: Ensures accuracy, reducing uncertainty.
- Protective Case: Perfect for travel and rugged use.
- Universal Compatibility: Fits all standard Schrader valves.

DESCRIPTION **PART #**
ELITE DIGITAL SHOCK INFLATION TOOL [52-50453](#)

SHOCK ACCESSORIES & REBUILD TOOLS

SHOCK BUMPERS



DESCRIPTION	PART #
CONE FOR CONVOLUTED BUMPER	20173
2.25" SPEEDTHANE RED BUMPER ONLY (SOFT)	223527
2.25" SPEEDTHANE NATURAL BUMPER ONLY (MEDIUM)	223533
3" SPEEDTHANE RED BUMPER ONLY (SOFT)	223541
3" SPEEDTHANE NATURAL BUMPER ONLY (MEDIUM)	223550

OVERFLOW CUP

Aluminum overflow cup big body small body quarter midget shocks.



DESCRIPTION	PART #
OVERFLOW CUP (SB, BB, & QM)	550000302

ROD GUIDE TOOLS

DESCRIPTION	PART #
ROD GUIDE INSTALLER (5/8" SHAFT)	A700500059
ROD GUIDE TOOL (1/2" SHAFT)	550000281



PREMIUM SHOCK OIL

For use in all AFco rebuildable shocks.

DESCRIPTION	PART#
1 QUART	MT59506
5 GALLONS	165006



SHOCK VISE AND MOUNTING STAND

This shock vise includes an aluminum bracket (shown) to mount the vise to your workbench.



DESCRIPTION	PART #
SHOCK VISE/MOUNTING STAND	20113



13T, 35, 36, & 37 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES

ALUMINUM BODY TWIN TUBE

DESCRIPTION	SMOOTH	THREADED
6" SHOCK BODY	A550010186X	550010076
7" SHOCK BODY	A550010187X	550010077
8" SHOCK BODY	A550010188X	550010078
9" SHOCK BODY	A550010189X	550010079
END CAP O-RING (QTY. 25)	550060013-25	550060013-25



REPLACEMENT BODY CAP ASSEMBLIES

13T & 36 Series

DESCRIPTION	PART #
BODY CAP (PLUG, PLUG O-RING & JET NOT INCLUDED)	550010072



550010072

35 & 37 Series

DESCRIPTION	PART #
STD. BODY CAP	550100112
BEARING AND CLIP	1000
BEARING ONLY (5 PACK)	901040009-5



550100112

REPLACEMENT ROD ENDS



DESCRIPTION	SERIES	PART #
Z STYLE ROD END WITH SIDE KNOB	36Z & 37Z	20172
STD. ADJUSTABLE ROD END	36 & 37	20177
ADJUSTABLE ROD END 1" EXT.	36 & 37	20177-1
ADJUSTABLE ROD END 2" EXT.	36 & 37	20177-2
STD. NON-ADJUSTABLE ROD END	13T & 35	20176
NON-ADJUSTABLE ROD END 1" EXT.	13T & 35	20176-1
NON-ADJUSTABLE ROD END 2" EXT.	13T & 35	20176-2

REBUILD TOOLS

DESCRIPTION	PART #
PRESSURE TUBE INSTALLER	A700500090
HEX BLEEDER TOOL	700500180
ROD GUIDE WRENCH	550000665
OVERFLOW CUP	550000302
AFCO PREMIUM SHOCK OIL QUART	MT59506

REPLACEMENT SHAFT ASSEMBLIES

STD. ADJ. ROD END 36 & 37 Series

DESCRIPTION	PART #
4"	550140032
5"	550150032
6"	550160032
7"	550170032
8"	550180032
9"	550190032



SHORT ADJ. ROD END 36Z & 37Z Series

DESCRIPTION	PART #
4"	550140034
5"	550150034
6"	550160034
7"	550170034
8"	550180034
9"	550190034



NON-ADJ. ROD END 13T & 35 Series

DESCRIPTION	PART #
4"	550070074
5"	550070075
6"	550070076
7"	550070077
8"	550070078
9"	550070079

36 & 37
SERIES
(STD.)36Z & 37Z
SERIES
(SHORT Z STYLE)13T & 35
SERIES
(NON-ADJ.)

REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY	550100157
COMPLETE ROD GUIDE ASSEMBLY (SILVER)	550100157C
1/2" SHAFT CONVERSION ROD GUIDE ASSEMBLY (SILVER)	550000497
ROD SCRAPER (5 QTY.)	550060065-5
OUTER ROD GUIDE O-RING (5 QTY.)	BR57002-5
INNER SHAFT O-RING (5 QTY.)	550060042-5
INNER TEFLON BACKER (5 QTY.)	550060014-5
BLEEDER SCREW WITH O-RING (5 QTY.)	550000658-5
PRESSURE TUBE O-RING (5 QTY.)	550060034-5
REPLACEMENT SEALS - For Shocks Built Before 2020	157SEALKIT
REPLACEMENT SEALS - For Shocks Built After 2020	158SEALKIT



DOUBLE/SINGLE NON-ADJ. TWIN TUBE REBUILD KITS



Kits Include:

- All common components needed for complete rebuild/revolve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB
REBUILD KIT - BASE VALVE/BLEED SHIMS	TTBV/AC
REBUILD KIT - COMPRESSION JETS (11T & 13T SERIES ONLY)	TTJETKIT

REPLACEMENT PRESSURE TUBES

DESCRIPTION	PART #	DESCRIPTION	PART #
3" PRESSURE TUBE	550010090	8" PRESSURE TUBE	550010095
4" PRESSURE TUBE	550010091	9" PRESSURE TUBE	550010096
5" PRESSURE TUBE	550010092	9" GAS BAG*	550000791
6" PRESSURE TUBE	550010093	*Manufactured by The Brown Co.	
7" PRESSURE TUBE	550010094		

21 & 26 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES

ALUMINUM MONOTUBE BODIES

DESCRIPTION	21 & 26 SERIES
6" STROKE THREADED	550010347
7" STROKE THREADED	550010348
8" STROKE THREADED	550010349
9" STROKE THREADED	550010350
END CAP O-RING (QTY. 25)	550060013-25



REPLACEMENT BODY CAP ASSEMBLIES

DESCRIPTION	SERIES	PART #
BODY CAP	21 & 26	550010072
FLOATING PISTON (O-RING INCLUDED)	21	8000096
FLOATING PISTON O-RING ONLY	21	8000006
SCHRADER VALVE	21 & 26	550000050
SCHRADER CAP	21 & 26	MT59080-1



550010072

REPLACEMENT ROD ENDS



DESCRIPTION	SERIES	PART #
Z STYLE ROD END WITH SIDE KNOB	26Z	20172
STD. ADJUSTABLE ROD END	26	20177
ADJUSTABLE ROD END 1" EXT.	26	20177-1
ADJUSTABLE ROD END 2" EXT.	26	20177-2
STD. NON-ADJUSTABLE ROD END	21	20176
NON-ADJUSTABLE ROD END 1" EXT.	21	20176-1
NON-ADJUSTABLE ROD END 2" EXT.	21	20176-2

REBUILD TOOLS

DESCRIPTION	PART #
OVERFLOW CUP	550000302
HEXED ROD GUIDE WRENCH	A700500051
ROD GUIDE INSTALLATION CONE	A700500054
BIG BODY WRENCH HANDLE	700500048
BIG BODY ALUM. SLEEVE	700500147
FLOATING PISTON HEIGHT GAUGE	A700500136
AFCO PREMIUM SHOCK OIL QUART	MT59506
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com

REPLACEMENT SHAFT ASSEMBLIES

STD. ADJ. ROD END 26 Series

DESCRIPTION	PART #
4"	550140032
5"	550150032
6"	550160032
7"	550170032
8"	550180032
9"	550190032



SHORT ADJ. ROD END 26Z Series

DESCRIPTION	PART #
4"	550140034
5"	550150034
6"	550160034
7"	550170034
8"	550180034
9"	550190034



NON-ADJ. ROD END 21 Series

DESCRIPTION	PART #
4"	550070074
5"	550070075
6"	550070076
7"	550070077
8"	550070078
9"	550070079

26
SERIES
(STD.)26Z
SERIES
(SHORT Z STYLE)21
SERIES
(NON-ADJ.)

REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY (SILVER)	550100158C
ROD SCRAPER (5 QTY.)	550060065-5
OUTER ROD GUIDE O-RING (5 QTY.)	BR57002-5
SCRAPER RETAINING RING (5 QTY.)	550000449-5
T SEAL (5 QTY.)	550060055-5
REPLACEMENT SEALS For Shocks Built After 2020	158SEALKIT



MONOTUBE REBUILD KITS



Kits Include:

- All common components needed for complete rebuild/revolve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB
REBUILD KIT - BASE VALVE/BLEED SHIMS	TTBV/AC
REBUILD KIT - COMPRESSION JETS (11T & 13T SERIES ONLY)	TTJETKIT

SHOCK ACCESSORIES

ALUMINUM THREADED C/O KIT (CONICAL CONE)

DESCRIPTION	PART #
SPRING SEAT ONLY (TAPERED CONE)	20130
ADJUSTER NUT ONLY	20131APRO
SNAP RING	10243SR



20130



20131APRO



10243SR

27 SERIES ALUMINUM BODY REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES

ALUMINUM MONOTUBE BODIES

DESCRIPTION	27 SERIES
6" STROKE THREADED	550010347
7" STROKE THREADED	550010348
8" STROKE THREADED	550010349
9" STROKE THREADED	550010350
END CAP O-RING (QTY. 25)	550060013-25



REPLACEMENT BODY CAP ASSEMBLIES

DESCRIPTION	SERIES	PART #
BODY CAP	27	550010072
FLOATING PISTON (O-RING INCLUDED)	27	8000096
FLOATING PISTON O-RING ONLY	27	8000006
SCHRADER VALVE	27	550000050
SCHRADER CAP	27	MT59080-1



550010072

SHOCK ACCESSORIES

ALUMINUM THREADED C/O KIT (CONICAL CONE)

DESCRIPTION	PART #
SPRING SEAT ONLY (TAPERED CONE)	20130
ADJUSTER NUT ONLY	20131APRO
SNAP RING	10243SR



20130



20131APRO



10243SR

REPLACEMENT ROD ENDS

DESCRIPTION	SERIES	PART #
NON-ADJUSTABLE STANDARD LENGTH (ALUM.)	27	550000141
NON-ADJUSTABLE 1" EXTENDED LENGTH	27	550000241-1
1/2" DIAMETER SHAFT - 1" EXTENSION	27	55000049801
1/2" DIAMETER SHAFT - 2" EXTENSION	27	55000049802
REPLACEMENT BEARING & CLIP	ALL SERIES	1000
JAM NUT (10 PACK)	27	550000140-10

REPLACEMENT 1/2" SHAFT ASSEMBLIES

DESCRIPTION	PART #
6" STROKE 1/2" NON-ADJ. SHAFT	55000011860
7" STROKE 1/2" NON-ADJ. SHAFT	55000011870
8" STROKE 1/2" NON-ADJ. SHAFT	55000011880
9" STROKE 1/2" NON-ADJ. SHAFT	55000011890



REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY	550100156
OUTER ROD GUIDE O-RING (5 QTY.)	BR57002-5
REPLACEMENT SEALS	156SEALKIT



550100156

NON-ADJ. MONOTUBE REBUILD KITS



Kits Include:

- All common components needed for complete rebuild/revalve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB



550000141



550000241-1

REBUILD TOOLS

DESCRIPTION	PART #
OVERFLOW CUP	550000302
HEXED ROD GUIDE WRENCH	A700500051
HAND BEARING PRESS	A700500076
BIG BODY WRENCH HANDLE	700500048
BIG BODY ALUM. SLEEVE	700500147
FLOATING PISTON HEIGHT GAUGE	A700500136
AFCO PREMIUM SHOCK OIL QUART	MT59506
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com



A700500076



550000281



550000302



A700500051



700500048 & 700500147



A700500136



52-50453



MT59506

32 & 62 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES

ALUMINUM MONOTUBE BODIES

32 Series



DESCRIPTION	PART #
6" STROKE THREADED	550010346
7" STROKE THREADED	550010347
8" STROKE THREADED	550010348
9" STROKE THREADED	550010349
10" STROKE THREADED	550010350
END CAP O-RING (QTY. 25)	550060013-25

62 Series



DESCRIPTION	PART #
6" STROKE THREADED	550010346C
7" STROKE THREADED	550010347C
8" STROKE THREADED	550010348C
9" STROKE THREADED	550010349C
10" STROKE THREADED	550010350C
END CAP O-RING (QTY. 25)	550060013-25

REPLACEMENT SHAFT ASSEMBLIES

STD. ADJ. ROD END

32 & 62 Series



LENGTH	PART #
4"	550140032
5"	550150032
6"	550160032
7"	550170032
8"	550180032
9"	550190032

SHORT ADJ. ROD END

32Z & 62Z Series



LENGTH	PART #
4"	550140034
5"	550150034
6"	550160034
7"	550170034
8"	550180034
9"	550190034



REPLACEMENT BODY CAP ASSEMBLIES

DESCRIPTION	PART #
BODY CAP SILVER	550100117C
BODY CAP BLACK	550100117
BEARING AND CLIP	1000
BEARING ONLY (5 PACK)	901040009-5



REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY	550100158
COMPLETE ROD GUIDE ASSEMBLY (SILVER)	550100158C
ROD SCRAPER (5 QTY.)	550060065-5
OUTER ROD GUIDE O-RING (5 QTY.)	BR57002-5
SCRAPER RETAINING RING (5 QTY.)	550000449-5
T SEAL (5 QTY.)	550060055-5
REPLACEMENT SEALS	158SEALKIT



REPLACEMENT ADJ. ROD ENDS



DESCRIPTION	SERIES	PART #
Z STYLE ROD END WITH SIDE KNOB (BLACK)	32Z	20172
STD. ADJUSTABLE ROD END (BLACK)	32	20177
ADJUSTABLE ROD END 1" EXT. (BLACK)	32	20177-1
ADJUSTABLE ROD END 2" EXT. (BLACK)	32	20177-2
Z STYLE ROD END WITH SIDE KNOB (SILVER)	62Z	20172C
STD. ADJUSTABLE ROD END (SILVER)	62	20177C
ADJUSTABLE ROD END 1" EXT. (SILVER)	62	20177-1C
ADJUSTABLE ROD END 2" EXT. (SILVER)	62	20177-2C

DOUBLE ADJUSTABLE MONOTUBE REBUILD KITS



Kits Include:

- All common components needed for complete rebuild/revalve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB
REBUILD KIT - BLEED SHIMS & ACCESSORIES	MT/AC
REBUILD KIT - BASE VALVE/BLEED SHIMS	MTBV/AC

REBUILD TOOLS

DESCRIPTION	PART #
HEXED ROD GUIDE WRENCH	A700500051
ROD GUIDE INSTALLATION CONE	A700500054
OVERFLOW CUP	550000302
AFCO PREMIUM SHOCK OIL QUART	MT59506
BIG BODY WRENCH HANDLE	700500048
BIG BODY ALUM. SLEEVE	700500147
HAND BEARING PRESS	A700500076
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com

CANISTER REPLACEMENT PARTS

DESCRIPTION	PART #
SCHRADER VALVE	550000050
SCHRADER VALVE CAP	MT59080-1

PISTONS REPLACEMENT PARTS

46MM LINEAR/DIGRESSIVE VELOCITY DEPENDENT PISTON

551001298

Features include an internal shim stack design for better control, radius dished surface for better sealing and better zero points, and internal fluid passages to eliminate shim sticking, guaranteeing consistent and reliable performance every time.

46MM DIGRESSIVE/DIGRESSIVE VELOCITY DEPENDENT PISTON

551001299

Features include an internal shim stack design for better control, radius dished surface for better sealing and better zero points, and internal fluid passages to eliminate shim sticking, guaranteeing consistent and reliable performance every time.

46MM LINEAR STANDARD PISTON

550000682

AFCO Racing's 46mm Billet 3 Port Linear/6 Port Linear Piston, machined with precision on advanced 5-axis CNC equipment, offers peak performance and consistency. Rigorously tested in-house, it guarantees quality and reliability for demanding conditions.

3 PORT LINEAR PISTON

550001139

AFCO's 46mm Billet 3 Port Linear/3 Port Linear Piston excels in delivering optimal performance by strategically reducing flow to achieve desired damping curves. Each piston is subjected to rigorous deburring and a comprehensive 100% inspection process, ensuring consistent and reliable performance.

46MM LINEAR/DIGRESSIVE PISTON

550000934

AFCO's 46mm Billet 6 Port Linear/Digressive Piston is machined with precision CNC equipment to guarantee top-tier performance. With anodized billet aluminum construction, 100% inspection, and precision deburring, this piston delivers consistent damping curves, featuring high flow rebound for flatter digressive performance.

3 PORT LINEAR/DIGRESSIVE PISTON

550001140

AFCO's 46mm Billet 3 Port Linear/Digressive Piston, meticulously crafted with the latest 5-axis CNC equipment, guarantees peak performance. Featuring anodized billet aluminum construction, precision deburring, and 100% inspection, this piston strategically reduces linear flow to achieve precise and consistent damping curves.



LINEAR/DIGRESSIVE

LINEAR/DIGRESSIVE
VELOCITY DEPENDENT

LINEAR/LINEAR

DIGRESSIVE/DIGRESSIVE
VELOCITY DEPENDENT

LINEAR-STYLE BASE VALVE



NEW DECOUPLED VDP PISTONS

551001632 - 46mm HI-FREQ VD/LIN
551001633 - 46mm HI-FREQ VD/VD
551001634 - 46mm HI-FREQ LIN/LIN

- Available in Linear and Linear Digressive.
- Makes grip by keeping the tire in contact with the ground easily in race tracks with ripples.
- Takes rigid feel away from the race car.

UNCUT PISTON BANDS

NEW



- Great for high rebound and compression valving.
- Achieve zero point easier.
- More consistent builds.

5 PACK - 55100154046-5
10 PACK - 55100154046-10
25 PACK - 55100154046-25

SHOCK PISTONS & ACCESSORIES

MONOTUBE PISTONS & ACCESSORIES

Monotube (5/8" & 1/2" Shafts)

DESCRIPTION	PART#
STANDARD MAIN PISTON (QTY. 2)	550010022-2
STANDARD FLOATING PISTON	8000096
SINGLE POPPET PISTON (QTY. 2)	550090086-2
DOUBLE POPPET PISTON (QTY. 2)	550090172-2
DIGRESSIVE SPACER (QTY. 2)	550090031-2
DIGRESSIVE SPACER (QTY. 10)	550090031-10
PISTON / O-RING (QTY. 5)	550060021-5
PISTON / O-RING (QTY. 25)	550060021-25
PISTON / GUIDE RING (QTY. 5)	550060026-5
MAIN PISTON STOP WASHER	550090146-5
MAIN PISTON STOP WASHER	550090146-25
PRECISION SHOCK NUT 1/2"-20	550000291-5
LINEAR BASE VALVE	A550030141X
LINEAR BASE VALVE	A550020005X

TWIN TUBE PISTONS & ACCESSORIES

Twin Tube (5/8" Shaft)

DESCRIPTION	PART#
STANDARD MAIN PISTON (QTY. 2)	550010031-2
TWIN TUBE POPPET PISTON	100051
TWIN TUBE DOUBLE POPPET PISTON	100052
RESTRICTOR PORT MT PISTON (QTY. 25)	550060012-25
SHIM RESTRICTOR 3 HOLE	550090201
SHIM 3 HOLE (QTY. 5)	550080203-5
SHIM 3 HOLE (QTY. 25)	550080203-25
DIGRESSIVE 35 MM SPACER	8000061
LINEAR BASE VALVE	55000054202
LINEAR BASE VALVE	A550030012X



AFCO SUSPENSION

ULTRA LIGHTWEIGHT BLACK COATED SPRINGS 2-5/8" ID

You asked for it and AFCO delivered! Responding to market demand, now you can run high-quality AFCO springs and still get that "blacked out" look!

- AFCOIL® Springs with black coating.
- Get the performance you are looking for with the tightest tolerances in the industry.
- All AFCOILS® are manufactured using ultra-high tensile wire.
- These springs are guaranteed not to lose more than 1% of free height.
- Engineered design resists spring lean and bow.
- Best warranty in the industry!



4" BLACK COATED		10" BLACK COATED		12" BLACK COATED		14" BLACK COATED	
RATE	PART #	RATE	PART #	RATE	PART #	RATE	PART #
300	26300B	125	23125B	80	22080B	125	24125B
		225	23225B	100	22100B	150	24150B
		275	23275B	110	22110B	175	24175B
		300	23300B	125	22125B	200	24200B
		350	23350B	150	22150B	225	24225B
		375	23375B	175	22175B	250	24250B
		400	23400B	200	22200B	300	24300B
		425	23425B	225	22225B	350	24350B
		450	23450B	250	22250B		
		500	23500B	275	22275B		
		525	23525B	300	22300B		
		550	23550B	325	22325B		
		600	23600B	350	22350B		
		650	23650B	375	22375B		
				400	22400B		
				450	22450B		
				500	22500B		
				525	22525B		
				650	22650B		

NOTE: ALL 12" & 14" SPRINGS (UP TO 600 LBS./IN.) HAVE EXTRA SHOCK CLEARANCE WOUND INTO THE ACTIVE COILS. THE END COILS STILL TAKE STANDARD COIL-OVER HARDWARE.

TAKE-UP SPRINGS

Used when suspension travel unloads coil-over assembly during travel.



DESCRIPTION	PART #
2-5/8" TAKE-UP SPRING	27005B
2-5/8" SPRING GUIDE	20183-1

DUAL STAGE SPRINGS (2-5/8" ID)

DESCRIPTION	PART #
SECONDARY SPRING 4" X 300	26300B
SECONDARY SPRING 4" X 350	26350B
SECONDARY SPRING 5" X 500	26500-3B
PRIMARY SPRING 8.25" X 600	26600-2B
PRIMARY SPRING 8.25" X 700	26700-2B



SUSPENSION

TAKE-A-PART LOW FRICTION BALL JOINTS

- Take-a-part design.
- Low friction design.
- Multiple pin lengths and tapers available.
- No special tools required to assemble or disassemble.
- IMCA legal.
- Simple 3-piece design.



- Improves weight transfer.
- Frees up suspension for more consistent, repeatable chassis tuning.
- Precision-machined to tight tolerances, providing consistent resistance throughout the travel of the ball joint, to deliver consistent performance.
- Road inputs are controlled more effectively by the shock and spring instead of the tire, which improves traction.
- Removes suspension bind and allows shock & spring to have more precise wheel control.
- Meets or exceeds standard ball joint strength.
- Provides more accurate setups during vehicle scaling.
- Lower input steering efforts and faster steering wheel return.
- Extended lengths will raise roll center and improve camber curves.

INTERCHANGE NUMBER*	TAKE-A-PART LOW FRICTION	TAKE-A-PART LOW FRICTION + 0.5"	TAKE-A-PART LOW FRICTION + 1.0"	REPLACEABLE PINS
K772	21034	21534	21134	2103402
K727	21036	21536	21136	2103602
K6141	21038	21538	21138	2103902
K6117	210381	215381	211381	21038102
K6145	21039	21539	21139	2103802

*Interchange number used by other manufacturers.

LOW FRICTION BALL JOINTS

AFCO's low friction ball joints are designed with 2 ft. lbs. of resistance, the force required to move the stud of the ball joint. Compare this with standard replacement joints, with as high as 50 ft. lbs. of resistance.

- **Only 2 ft. lbs. of resistance and less bind = lower lap times.**
- Road inputs are controlled more effectively by the shock and spring instead of the tire, which improves traction.
- Precision-machined to tight tolerances, providing consistent resistance throughout the travel of the ball joint, to deliver consistent performance.
- Frees up suspension for more consistent, repeatable chassis tuning.
- Removes suspension bind and allows shock and spring to have more precise wheel control.
- Meets or exceeds standard ball joint strength.
- Improves weight transfer.
- Provides more accurate set-ups during vehicle scaling.
- Stock appearing.
- Lower input steering efforts and faster steering wheel return.
- Extended lengths will raise roll center and improve camber curves.



20031LF
UPPER
BALL JOINT

**20034LF
20034-2LF**
UPPER
BALL JOINT

PART #	STYLE	BODY	PIN
20031LF	4-BOLT UPPER	FITS MOST FABRICATED UPPER ARMS	POPULAR FOR FABRICATED SPINDLE
20034LF	SCREW IN UPPER/LOWER	SMALL CHRYSLER STYLE (1.83" AT THREAD) FITS MOST TUBULAR UPPERS	FITS MOST FABRICATED SPINDLES
20034-2LF	SCREW IN UPPER/LOWER	SMALL CHRYSLER STYLE (1.83" AT THREAD) FITS MOST TUBULAR UPPERS	SAME AS 20034LF, BUT +1/2" LONGER



TAKE-A-PART LOW FRICTION BALL JOINTS

SCAN HERE TO WATCH THE VIDEO



BALL JOINT SLEEVES

DESCRIPTION	I.D.	O.D.	HEIGHT	WEIGHT	PART #
LARGE THREADED FOR 20036	2.005"	2.375"	1.00"	.35LB	20042
SMALL THREADED FOR 20034, 20035	1.830"	2.250"	1.00"	.35LB	20043



LARGE THREADED
FOR
20036
20042

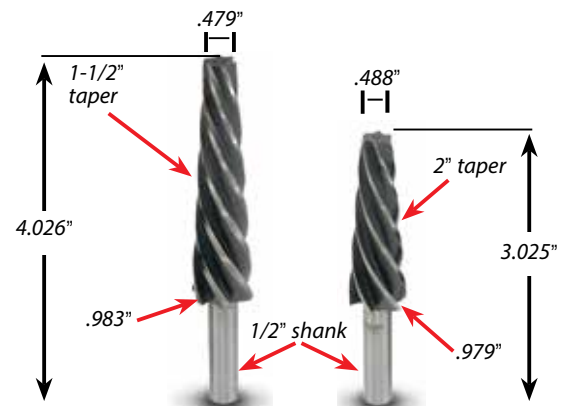


SMALL THREADED
FOR
20034, 20035
20043

TAPER REAMERS

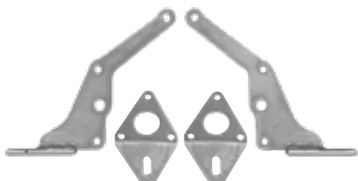
- Manufactured from superior-quality high-speed tool steel.
- Six flute spiral design allows smooth boring operation & minimizes tool wear.
- Two designs to cover most popular racing applications.

DESCRIPTION	APPLICATION	PART #
1-1/2" TAPER (PER FOOT)	MOST TIE ROD, SHOCK EYES & 20031, 33, 34, 35, 36 BALL JOINTS	80770
2" TAPER (PER FOOT)	20032, 32-1, 32-2, 38, 38-1, 39 BALL JOINTS	80771



OVAL TRACK ACCESSORIES

FRONT AND REAR CHEVY ENGINE MOUNTS



DESCRIPTION	PART #
STEEL FRONT (PAIR)	80651
STEEL REAR (PAIR)	80652

FORD ENGINE MOUNTS (SMALL BLOCK)

- Sold as pair.
- Powder coated.



DESCRIPTION	PART #
FRONT (PAIR)	80659

BALLAST BRACKETS



DESCRIPTION	PART #
1-1/4" ROUND TUBE	50320
1-1/2" ROUND TUBE	50321
1-3/4" ROUND TUBE	50323

WELD-IN BATTERY BOX

- Lightweight steel construction.
- 9-1/2" or 11" size.
- 5/16" side bolts pivot to accommodate different battery sizes.



DESCRIPTION	PART #
BATTERY BOX (9-1/2")	50302
BATTERY BOX (11")	50301

BOLT-IN BATTERY BOX

- Holds 10-3/4" x 7" battery.
- Lightweight steel.
- Includes 3/8" bolts.



DESCRIPTION	PART #
BOLT-IN BATTERY BOX	50303

LUDWIG CLAMPS

- Secures hinged lids, panels, etc.
- Held in place by a single rivet.



DESCRIPTION	PART #
LUDWIG CLAMPS 100	50403

THROTTLE ROD & KITS

- 1/4" plated steel rod.
- Kit includes: carb bushings, rod ends, jam nuts, & rod.

NOTE: Extra-long thread allows more adjustment.



LENGTH	ASSY RANGE	KIT	ROD ONLY
18"	19-1/8" - 19-7/8"	10175-18	10176-18
21"	22-1/8" - 22-7/8"	10175-21	10176-21
24"	25-1/8" - 25-7/8"	10175-24	10176-24

COMPONENTS	PART#
1/4" RH THREADED THROTTLE ROD ENDS MALE	10480S
1/4" RH THREADED THROTTLE ROD ENDS FEMALE	10482S
BUSHING KIT WITH RH THREADED MALE ROD END	10170
BUSHING KIT WITH RH THREADED FEMALE ROD END	10171
CARBURETOR BUSHINGS (PAIR)	10174



10174



10480S



10171

OVAL TRACK ACCESSORIES

SURE SEAL AIR CLEANER HOUSING

- Spun aluminum.
- Fits Holley.
- Housing to carb O-ring seal.
- 14" diameter filter.
- Housing assembly weighs 2.1 lbs.



DESCRIPTION	PART #
SURE SEAL HOUSING KIT (INCLUDES TOP & BOTTOM)	80550
TOP- SURE SEAL HOUSING	80550X
BOTTOM - SURE SEAL HOUSING WITH O-RING ASSY.	80550X-3

COLLAPSIBLE STEERING COLUMN

- 22-1/2" to 32" column measured from the end of the shaft to the base of the quick-release hub.
- O.D. of the main body is 1.125" & O.D. of the bottom shaft is .750" and 20" spline.
- Quick release hub adds 2" to the overall length.
- Splined end accepts a variety of U-joints for attachment to your steering shaft or gear.



LENGTH	DESCRIPTION	PART #
22-1/2"-32"	SLIDING STEERING COLUMN	37304

STEEL JAM NUTS

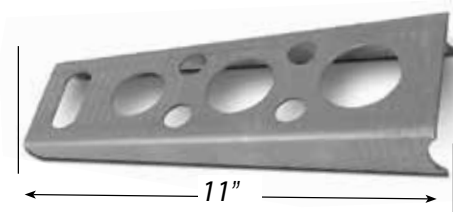


SIZE	THICK	RH
3/8" - 24	1/4"	10138
1/2" - 20	5/16"	10144
5/8" - 18	3/8"	10142
5/8" - 18	NYLOCK	10142N
3/4" - 16	7/16"	10140

STEERING SHAFT MOUNT

This 12-gauge steel mount is remarkably sturdy yet lightweight. Slot allows use of 3/4" rod end.

DESCRIPTION	PART #
STEERING SHAFT MOUNT	30380



AFCO BRAKES

PEDALS

6.25:1 REVERSE DUAL SWING PEDALS

- Extra-long bias adjuster to allow even more adjustment.
- H-beam forged aluminum pedal design.
- Ultra high strength bias bar; same strength of 7/16" bias bar in the traditional 3/8" size.
- New snap ring gives more bias rod clearance and eliminates thread interference.
- Ultra-strong upper mount has 52% less flex than the competition.
- Rounded clevis design prevents bias-bar lock-up at extreme limits of travel.
- Integral bias bearing stops prevent lock-up when adjusting bias.
- Internal hex in bias bar eases bias set up.
- 6.25:1 Pedal ratio.
- 4.36 lbs.
- AFCO master cylinders sold separately.

DESCRIPTION

REVERSE DUAL SWING BRAKE PEDALS

PART #

6610000



Exclusive bias "tie-bar" adds strength and sets clevis spacing for proper master cylinder function.

6.25:1 FORWARD DUAL SWING PEDALS

- Extra-long bias adjuster to allow even more adjustment.
- H-beam forged aluminum pedal design.
- Ultra high strength bias bar; same strength of 7/16" bias bar in the traditional 3/8" size.
- New snap ring gives more bias rod clearance and eliminates thread interference.
- Ultra-strong upper mount has 52% less flex than the competition.
- Rounded clevis design prevents bias-bar lock-up at extreme limits of travel.
- Integral bias bearing stops prevent lock-up when adjusting bias.
- Internal hex in bias bar eases bias set up.
- 6.25:1 Pedal ratio.
- 4.36 lbs.
- AFCO master cylinders sold separately.

DESCRIPTION

FORWARD DUAL SWING PEDALS

PART #

6610001



Exclusive bias "tie-bar" adds strength and sets clevis spacing for proper master cylinder function.

7:1 FORWARD SINGLE SWING PEDALS

- H-beam forged aluminum pedal design.
- Pedal assemblies fit Rocket Chassis, Black Diamond, and Longhorn chassis.
- Allows for positioning of the clutch pedal to be away from the driver for better comfort.
- New snap ring gives the brake pedal more bias rod clearance and eliminates thread interference.
- Ultra high strength bias bar on brake pedal; same strength of 7/16" bias bar in the traditional 3/8" size.
- Rounded clevis design prevents bias-bar lock-up at extreme limits of travel.
- Integral bias bearing stops prevent lock-up when adjusting bias.
- Internal hex in bias bar eases bias set up.
- 7:1 Pedal ratio allows for better braking power.
- Brake pedal weight: 2.36 lbs.
- Clutch pedal weight: 1.64 lbs.
- AFCO master cylinders sold separately.



6610004
7:1 Forward Single
Swing Clutch Pedal

6:1 FORWARD SINGLE FLOOR PEDALS

- H-beam forged aluminum pedal design.
- Pedal assemblies fit many popular chassis.
- Allows for positioning of the clutch pedal to be away from the driver for better comfort.
- New snap ring gives the brake pedal more bias rod clearance and eliminates thread interference.
- Ultra high strength bias bar on brake pedal; same strength of 7/16" bias bar in the traditional 3/8" size.
- Rounded clevis design prevents bias-bar lock-up at extreme limits of travel.
- Integral bias bearing stops prevent lock-up when adjusting bias.
- Internal hex in bias bar eases bias set up.
- 6:1 Pedal ratio.
- Brake pedal weight: 2.20 lbs.
- Clutch pedal weight: 1.46 lbs.
- AFCO master cylinders sold separately.



6610006
6:1 Forward Single
Floor Clutch Pedal

REPLACEMENT BIAS BAR KITS

DESCRIPTION

BIAS BAR KIT FOR REVERSE MOUNT PEDAL
BIAS BAR KIT FOR FORWARD MOUNT PEDAL

PART

6610010
6610011



6610010



6610011

AFCO BRAKES

MASTER CYLINDERS

INTEGRAL RESERVOIR MASTER CYLINDER

The AFCO engineering team started with a clean sheet when designing our master cylinders. AFCO's master cylinders offer the same great performance that customers have come to expect from AFCO. With a one-piece design that incorporates a high-capacity reservoir and precisely machined/polished cylinder bore, the piece makes efficient use of space and materials.

- External return spring maintains positive pedal feel and helps prolong pad life by ensuring quick reaction to released pedal force.
- Precise-fitting lid held firmly in place by heavy gauge retainer.
- Slim design rubber boot allows easy installation into most pedal assemblies.
- Aluminum bore with hard anodized pistons.
- Unique, built-in minimum and maximum fill tabs are easy to read and make quick work of checking fluid even in dark pit areas.
- Common dual-mounting bolt patterns for most racing applications.
- Models come in 3/4", 7/8", and 1" bores.
- Designed for standard 1/8" NPT fittings for easy replacement.

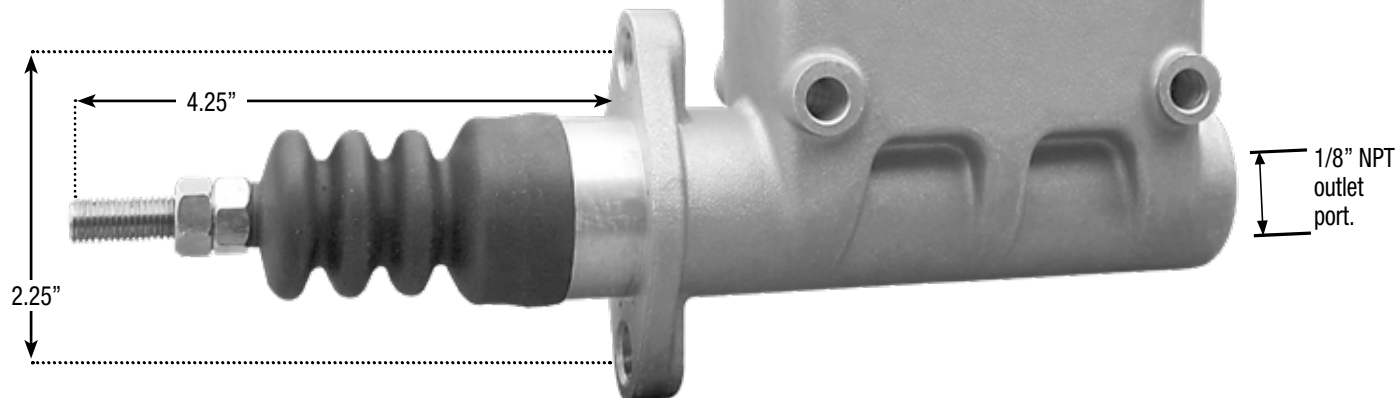


External return spring.

Fluid level indicator marks.



DESCRIPTION	PART #
3/4" BORE INTEGRAL MASTER CYLINDER	6620010
7/8" BORE INTEGRAL MASTER CYLINDER	6620011
1" BORE INTEGRAL MASTER CYLINDER	6620012



INTEGRAL MASTER CYLINDER SERVICE PARTS & REBUILD KITS

MASTER CYLINDER PARTS	PART #
STRAIGHT FITTING (1/8"NP X 3/16"IF)	7010-0026
90° FITTING (1/8"NP X 3/16"IF)	7010-0027
MASTER CYL. KIT (INCLUDES LID, GASKET, WIRE)	6690048
MASTER CYL. KIT (INCLUDES PUSH ROD, SPRING, BOOT)	6690049

MASTER CYLINDER PARTS	PART #
REBUILD KIT - 3/4" NEW AFCO M/C	6690110*

* Kits for AFCO Master Cylinder manufactured after Jan 2013

CLUTCH MASTER CYLINDER

- Compact design.
- Fits popular clutch and small brake applications.
- 1.4 oz. reservoir.
- Fits most pedal assemblies.

DESCRIPTION

CLUTCH MASTER CYLINDER 3/4"

PART

2011-1912



STAY CONNECTED



FOLLOW US ON
INSTAGRAM



FOLLOW US ON
X (Twitter)



FOLLOW US ON
FACEBOOK



FOLLOW US ON
YOUTUBE

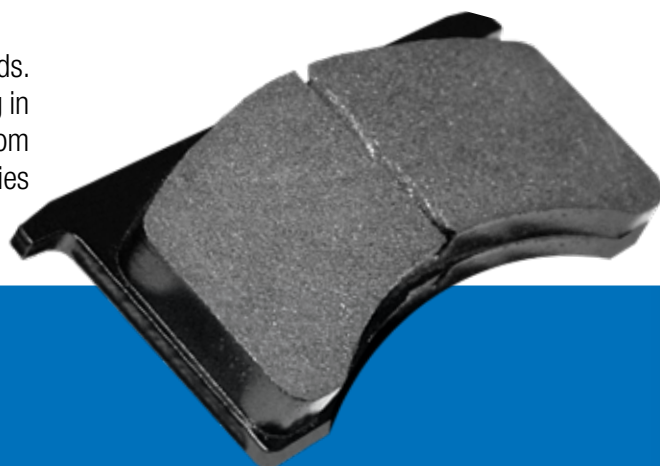


BRANDON OVERTON

AFCO BRAKES

BRAKE PADS

AFCO proudly offers its line of racing and high performance brake pads. These brake pads have gone through extensive development and testing in the toughest racing environments. Our racing brake pads are derived from the latest materials in friction products and utilize the latest technologies in brake pad manufacturing.



- Improved stopping power.
- High torque with excellent control qualities.
- Exceptional high temperature performance.
- User friendly/easy break-in.
- Exceptional pad and rotor wear.
- Available in C1 and C2 compounds.

COMPOUND C1 LESS AGGRESSIVE

6651011

This compound was designed and developed to meet the braking needs of medium to high-temperature racing applications. As brake system temperatures quickly increase and decrease, C1 provides consistent performance while remaining very fade resistant. C1 has proven to be extremely rotor-friendly and provides exceptional pad life without requiring lengthy pad break-in (bedding) procedures. C1 is widely used in dirt track racing and is the ultimate pad choice for all medium-temperature applications. Recommended temperature use: 400 to 900 degrees.

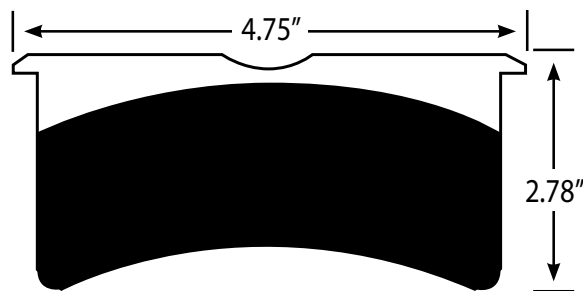
COMPOUND C2 MORE AGGRESSIVE

6651021

Compound C2 - This compound provides exceptional high-temperature performance. C2 is designed to withstand wide-ranging temperature changes, giving the driver predictable pedal feel and excellent control qualities lap after lap. C2 is high in torque value yet has very long pad wear. Compound C2 is the perfect choice for all higher-temperature applications. Recommended temperature use: 500 to 1200 degrees. The C2 compound is designed for a wide range of temperatures and provides excellent cold bite while allowing aggressive brake power. Best used on: F88 or standard SL style caliper. Rear of dirt late models. Front of asphalt late models. Sprint cars using steel non-drilled inboard rotors



THE AFCO BRAKE PAD FITS IN AFCO'S NEW F88 CALIPER OR A STANDARD SL STYLE CALIPER.



F88 / SL BRAKE PADS

DIRT LATE MODEL BRAKE PAD RECOMMENDATIONS

RECOMMENDED F88 / SL BRAKE PADS

Left Front

RECOMMENDED BRAKE PADS		PART #
COMPOUND C1	GOOD	6651011
COMPOUND C2	BETTER	6651021

Right Front

RECOMMENDED BRAKE PADS		PART #
COMPOUND C1	GOOD	6651011
COMPOUND C2	BETTER	6651021

Left Rear

RECOMMENDED BRAKE PADS		PART #
COMPOUND C1	GOOD	6651011
COMPOUND C2	BETTER	6651021

Right Rear

RECOMMENDED BRAKE PADS		PART #
COMPOUND C1	GOOD	6651011
COMPOUND C2	BETTER	6651021

HIGH PERFORMANCE BRAKE FLUID

HIGH PERFORMANCE HTX BRAKE FLUID

The HTX fluid has been engineered to meet the demanding requirements of super late model (dirt and asphalt) as well as dirt modified and "outlaw" open wheel modified racing. HTX fluid offers superior performance where high brake system temperatures for an extended time period are experienced. AFCO High Performance Brake Fluid will exceed your expectations!

- Dry boiling point of 600°+.
- A "must have" for asphalt cars.
- Non-silicone fluid.
- Sealed in steel can for longer shelf life.
- Best value in brake fluid on the market.



DESCRIPTION	PART #
HTX SINGLE 16.9 OZ. CAN	6691903
HTX CASE (12 CANS)	6691904

HIGH PERFORMANCE HT BRAKE FLUID

Better-performing brake systems start with superior brake fluid. The HT fluid has been designed to provide enhanced performance for applications ranging from street stocks to open wheel modifieds to drag racing and is value priced. AFCO HT Brake Fluid will out-perform comparable fluids.

- Dry boiling point 500°+.
- Non-silicone fluid.
- Eliminates brake fade due to fluid failure caused by heat.



DESCRIPTION	PART #
HT SINGLE 12 OZ. BOTTLE	6691901
HT CASE (12 CANS)	6691902



AFCO BRAKES

ROTORS

PILLAR VANE

- Designed using premium grade alloys for superb thermal shock stability.
- Machined and double disc ground to assure precise flatness.
- Precise pillar placement for high-volume cooling.
- Premium center - split castings reduce stress risers.
- Rotationally machined balanced - CNC.
- 8 X 7" bolt circle.



FLAT PILLAR VANE



THICK	DIA	WEIGHT	PART #
.810"	11.75"	8.1 LBS.	6640100

SLOTTED PILLAR VANE



THICK	DIA	WEIGHT	PART #
RH .810"	11.75"	8.1 LBS.	6640104
LH .810"	11.75"	8.1 LBS.	6640105

**DON'T FORGET YOUR
HIGH PERFORMANCE
BRAKE FLUID!**



32 VANE

- Designed using premium grade alloys for superb thermal shock stability.
- Machined and double disc ground to assure precise flatness.
- Precise pillar placement for high-volume cooling.
- 8 X 7" bolt circle.



FLAT LIGHTWEIGHT 32 VANE



THICK	DIA	WEIGHT	PART #
1.25"	11.75"	8.91 LBS.	9850-6020
.810"	11.75"	8.28 LBS.	9850-6021

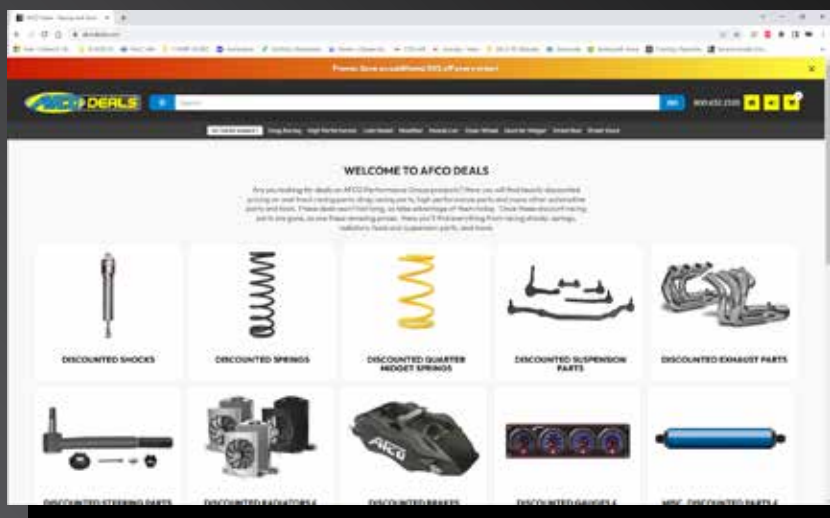
DRILLED LIGHTWEIGHT 32 VANE



THICK	DIA	WEIGHT	PART #
1.25"	11.75"	7.9 LBS.	9850-6120



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Shop now at AFCODEALS.com and you will find heavily discounted pricing on oval track racing parts, drag racing parts, high-performance parts and many other automotive parts and tools. These deals won't last long, so take advantage of them today. Once these discount racing parts are gone, so are these amazing prices. Here you'll find everything from racing shocks, springs, radiators, tools and suspension parts, and more!!

WITH NEW ADDITIONS EVERY WEEK!

DRAG RACING - HIGH PERFORMANCE - LATE MODEL - MODIFIED - MUSCLE CAR - OPEN WHEEL - QUARTER MIDGET - STREET ROD - STREET STOCK

***DISCOUNTED SHOCKS
DISCOUNTED SPRINGS
DISCOUNTED RADIATORS & COOLING PARTS
DISCOUNTED GAUGES & GAUGE PANELS***



SHOP NOW

AFCO BRAKES

BRAKE ACCESSORIES

BRAKE SYSTEM FITTINGS



7010-0001
7010-0002



7010-0003
7010-0004



7010-0017



40251



7010-0026



7010-0022



6680001
6680002



6680003
6680004



6680005
6680006



6680007

DESCRIPTION	APPLICATION	PART #
1/8" NP TO -4 AN	AFCO F22, F33, F88 & ALUMINUM CALIPERS	7010-0001
1/8" NP TO -3 AN	AFCO F22, F33, F88 & ALUMINUM CALIPERS	7010-0002
3/16" LINE TO -3 AN	CHASSIS MOUNT	7010-0003
3/16" LINE TO -4 AN	CHASSIS MOUNT	7010-0004
1/8" NP TO -4 AN TALL (90°)	AFCO F22, F33, F88 & ALUMINUM CALIPERS	7010-0017
1/8" NP BLEED VALVE	AFCO METRIC ALUMINUM CALIPERS	7010-0022
3/16" INV. FLARE TEE	3/16" BRAKE LINE	40251
1/8" MP X 3/16" INV FL FP	STRAIGHT MASTER CYLINDER LINE FITTING	7010-0026
1/8"-NPT MALE - 3 MALE (45°)	ALUMINUM BRAKE CALIPER FITTING	6680001
1/8"-NPT MALE - 4 MALE (45°)	ALUMINUM BRAKE CALIPER FITTING	6680002
1/8"-NPT MALE - 3 MALE	ALUMINUM BRAKE CALIPER FITTING	6680003
1/8"-NPT MALE - 4 MALE	ALUMINUM BRAKE CALIPER FITTING	6680004
1/8"-NPT MALE - 3 MALE (90°)	ALUMINUM BRAKE CALIPER FITTING	6680005
1/8"-NPT MALE - 4 MALE (90°)	ALUMINUM BRAKE CALIPER FITTING	6680006
MT 10 MALE - 3 AN MALE	ALUMINUM BRAKE CALIPER FITTING	6680007

*THESE FITTINGS REQUIRE SEALING WASHERS AND ARE SHIPPED WITH WASHERS INCLUDED.

CALIPER PRESSURE BLEEDER ADAPTERS

- Accurately determine optimal settings for balance bars and proportioning valves.
- Needed to troubleshoot your brake system.
- For use with caliper pressure gauges.



DESCRIPTION	PART #
ADAPTER KIT 4 PACK	6670150

BRAKE SHUT-OFF VALVE

- Stainless steel ball.



DESCRIPTION	PART #
BRAKE SHUT-OFF VALVE	40199

CRANK-TYPE BIAS ADJUSTER

Steel adjuster is supplied with loose weld-on mount tab, which will allow a custom fit for each application.

DESCRIPTION	PART #
28"	40217
30-1/2"	40217G
35"	40218



BRAKE LINES**90° KEVLAR BRAKE LINE - 3 AN & 4 AN**

DESCRIPTION	END TYPES	PART #
18" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-18
24" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-24
30" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-30
12" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-12
18" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-18
24" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-24
30" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-30

1/8" NPT KEVLAR BRAKE LINE - 3 AN & 4 AN

DESCRIPTION	END TYPES	PART #
24" KEVLAR LINE	(1) AN 3 STRAIGHT END, (1) 4 AN 1/8" NPT END	6684057-24
24" KEVLAR LINE	(1) AN 4 STRAIGHT END, (1) 4 AN 1/8" NPT END	6684058-24
30" KEVLAR LINE	(1) AN 3 STRAIGHT END, (1) 4 AN 1/8" NPT END	6684057-18
30" KEVLAR LINE	(1) AN 4 STRAIGHT END, (1) 4 AN 1/8" NPT END	6684058-18

Fits Rocket Chassis & others.

KEVLAR BRAKE LINE - 3 AN

DESCRIPTION	PART #	DESCRIPTION	PART #
12" AN 3 ENDS	6684053-12	24" AN 3 ENDS	6684053-24
14" AN 3 ENDS	6684053-14	30" AN 3 ENDS	6684053-30
16" AN 3 ENDS	6684053-16	34" AN 3 ENDS	6684053-34
18" AN 3 ENDS	6684053-18	38" AN 3 ENDS	6684053-38
22" AN 3 ENDS	6684053-22	48" AN 3 ENDS	6684053-48

KEVLAR BRAKE LINE - 4 AN

DESCRIPTION	PART #	DESCRIPTION	PART #
12" AN 4 ENDS	6684054-12	24" AN 4 ENDS	6684054-24
14" AN 4 ENDS	6684054-14	30" AN 4 ENDS	6684054-30
16" AN 4 ENDS	6684054-16	34" AN 4 ENDS	6684054-34
18" AN 4 ENDS	6684054-18	38" AN 4 ENDS	6684054-38
22" AN 4 ENDS	6684054-22	48" AN 4 ENDS	6684054-48

STEEL BRAIDED BRAKE LINE - AN 3 & AN 4

DESCRIPTION	END TYPE	PART #
18" AN 3	STRAIGHT ENDS	40265-18
24" AN 3	STRAIGHT ENDS	40265-24
18" AN 3	90 DEG ON 1 END	40264-18
AN 4	STRAIGHT ENDS	40262-18
24" AN 4	STRAIGHT ENDS	40262-24
36" AN 4	STRAIGHT ENDS	40262-36
18" AN 4	90 DEG ON 1 END	40263-18
24" AN 4	90 DEG ON 1 END	40263-24

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NEW



AFCO COOLING

ALUMINUM RADIATORS

Every AFCO radiator is built from detailed, computer-designed specifications and uses precision CNC laser-cut parts for exact tolerances. We never stamp tanks. Our tanks are either laser-cut and precision-welded or formed using a "drawn" technique that keeps a uniform thickness and eliminates weak spots.

AFCO understands the vital role the radiator plays in protecting the investment you have in your car. That is why we make no excuses or compromises in constructing the best aftermarket radiators in the industry. Don't trust your pride and joy to anything less than AFCO quality!



FROM CORE TO FINISHED PRODUCT...

MADE BY EXPERTS

Quality control and strict production tolerances are key to developing a premium product. Controlling these aspects in-house means AFCO radiators are produced to the highest standards without compromise.



100% ALUMINUM CONSTRUCTION

By using a modern furnace-brazed process, all AFCO radiators feature all-aluminum construction without the need for epoxy. Not only does this make for a lighter radiator, but the common material bonding provides for increased thermal efficiency as well.



ADVANCED MANUFACTURING

Our robotic welding cell for high volume production features a new Fanuc Robot and CMT technology. We also have water jet, laser cut, CNC brake and other capabilities. Our engineering professionals use the most advanced platforms, such as CREO, to design the most innovative products in the industry.



PREMIUM QUALITY

AFCO produces high quality radiators and cores. These cores are epoxy free and defect free. Each part goes through our stringent quality control process. We pressure-test every one of our radiators to ensure that our customers will keep their cool on the track.

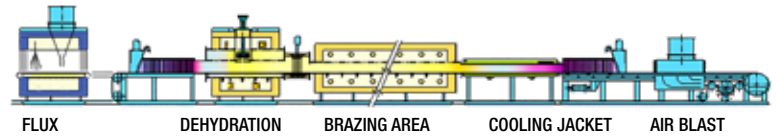
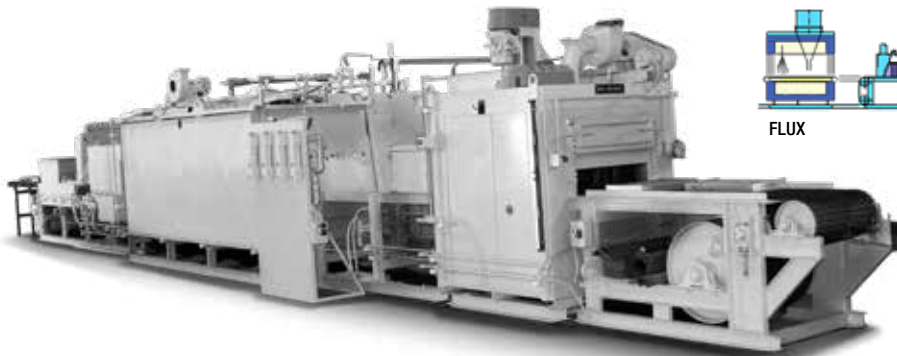


SPECIAL APPLICATIONS

In-house design and fabrication allows us to conceptualize, prototype, test, and manufacture custom cooling systems for a wide variety of applications. If you have a specialty radiator need, AFCO can deliver.



STATE-OF-THE-ART ALUMINUM BRAZING

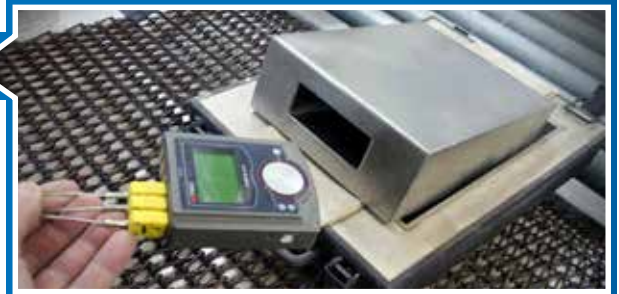


FURNACE SPECIFICATIONS

30" Wide Belt
8" Pass Height
18-22 Cores/Hour

STAINLESS STEEL "HOTBOX" DATA RECORDER

Brazing profiles are created for each core based on the total mass weight. The furnace temperatures and belt speeds are adjusted based on feedback from a data recorder. The hotbox ensures a quality braze profile for each core.



FURNACE CONTROLS

The furnace is controlled via a touch screen HMI panel. Each component uses a unique brazing profile that is developed and saved as a recipe. This recipe includes belt speed, zone temperatures, and nitrogen flow. The system software also provides features such as historical brazing data and maintenance scheduling.



OUR CORE STANDARDS

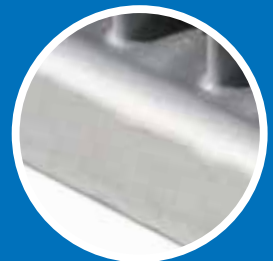
Every part of a core is important, but the quality of the headers is an absolute must. The tube slots must be punched with a maximum of .002" clearance for a precise tube fit. While others use single-sided clad material, AFCO uses double-sided clad for all the headers. This provides a fillet joint around the tube on both sides of the header, doubling the strength of the joint. You simply cannot build a better, stronger core. The use of .080 double clad material and extruded side channels provides a core strong enough to handle over one million pressure cycles, without a tube-to-header joint failure.



Serpentine
Louvered
Fin @ 16fpi



Clad Fillets
on Both
Sides



Double
Clad
.080 Headers

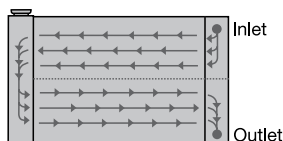
DOUBLE PASS RADIATORS

AFCO double pass radiators give increased cooling over standard-type radiators, with less than 2 oz. of added weight. Common temperature drops are 10-20° F when replacing a standard configuration radiator with equal core size. This keeps your mind off the water temperature and puts it on the race track.

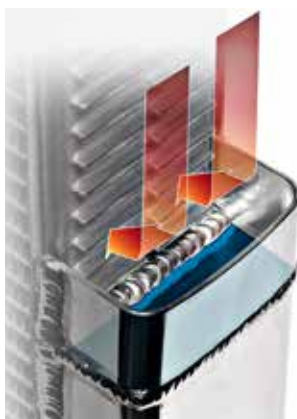
HOW IT WORKS



Double pass radiators gain their efficiency by first passing the fluid through the top half of the radiator and then the bottom half, giving the radiator the ability to dissipate heat twice.



We use our exclusive 360-degree TIG-welded baffle that splits the radiator core into two sections. This 360-degree baffle in a sense creates two radiators out of one and assures that you won't have any coolant that has entered the radiator but never made it across the core. This is superior to utilizing silicone to seal internal baffles, or worse, a partial weld that allows the coolant to bypass the radiator core completely.



80101NDP-U
27-1/2"(W) x 19"(H)

Available in "Thermal Coating" - Call for details.

SWIVEL-NECK THERMOSTAT HOUSINGS

This aluminum housing allows for easy installation of Double Pass Radiators.

80312-15 (15° Neck)



FITTINGS

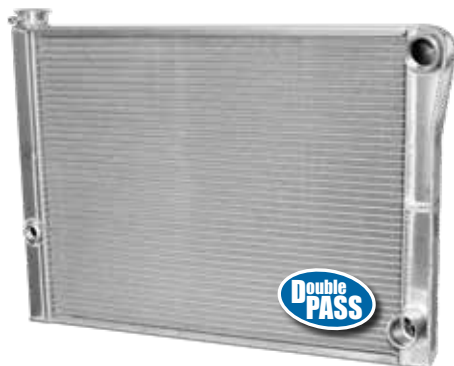


All AFCO Late Model Radiators are available with an optional black "Thermal Coating" finish for improved cooling. Call AFCO Racing at 800-632-2320 for more information.

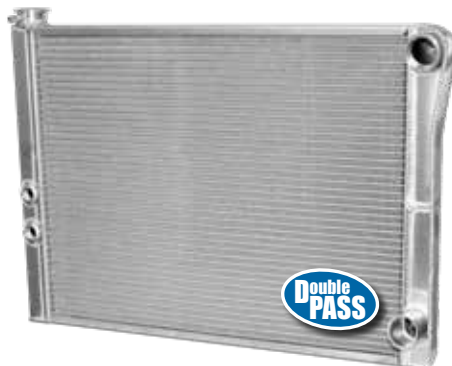
LIGHTWEIGHT 1 ROW X 1.5" TUBE CORE DOUBLE PASS RADIATORS

AFCO Racing Products is proud to announce our new lightweight double pass radiator for late models. This is the easiest and most cost-effective way to shave as much as 10 pounds off the front of your car, allowing you to concentrate ballast and improve handling. The radiator features a new 1.5" thick core for improved airflow. The new lightweight double pass radiator has the standard features you have come to trust from AFCO, such as furnace-brazed tubes with no epoxy. These race-proven lightweight radiators fit the same footprint as our standard radiators and installation is simple with no major modifications needed for mounting.

- **Shaves 10 lbs. from the front of your car.**
- **Features an increased number of tubes and fins in the same height package.**
- **100% pressure tested & 100% TIG-welded with no epoxy.**
- **Optimum fin per inch ratio promotes maximum cooling.**
- **Standard water pressure bung for easy plumbing.**
- **Wide range of inlets 1.5", -16AN, -20AN, and -20 AN Female.**
- **Available in 19" X 27-1/2" with 1-3/4" outlets.**



80185NDP-UA - (27-1/2" x 19")



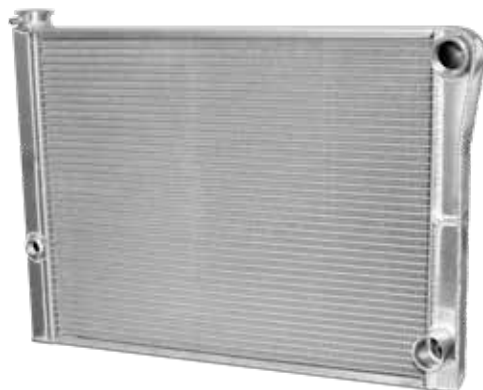
80185NDP-UB - (27-1/2" x 19")



80185FNDP-UD - (27-1/2" x 19")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	ADDITIONAL BUNGS	DRY WEIGHT	PART #
19-3/4"	24"	18-3/4"	28-1/4"	27-1/2"	2"	L	20 AN-F R	1-3/4" R	15°/15°	1/2" FPT & 1/8" FPT - L	13.1 LBS.	80185NDP-UA
19-3/4"	24"	18-3/4"	28-1/4"	27-1/2"	2"	L	20 AN-F R	1-3/4" R	15°/15°	3/8" FPT & 1/2" FPT - L	13.1 LBS.	80185NDP-UB
19-3/4"	24"	18-3/4"	28-1/4"	27-1/2"	2"	R	(2) 20 AN-F L	1-3/4" L	15°/15°	3/8" FPT & 1/2" FPT - L	13.1 LBS.	80185FNDP-UD

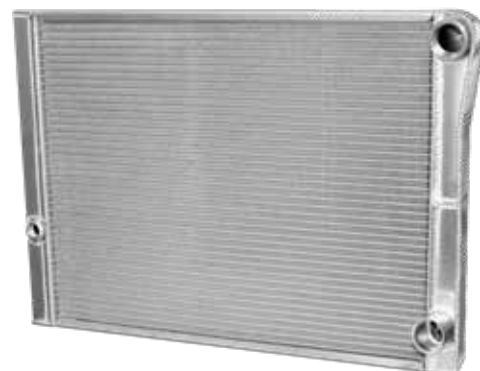
LIGHTWEIGHT 1 ROW X 1.5" TUBE CORE DOUBLE PASS RADIATORS



80185NDP-U - (27-1/2" x 19")



80185FNDP-U - (27-1/2" x 19")



80185NDP-UNF - (27-1/2" x 19")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	ADDITIONAL BUNGS	DRY WEIGHT	PART #
20"	24"	18-3/4"	28-1/4"	27-1/2"	2"	L	20 AN-F R	1-3/4" R	15°/15°	1/2" FPT - L	10 LBS.	80185NDP-U
20"	24"	18-3/4"	28-1/4"	27-1/2"	2"	R	20 AN-F L	1-3/4" L	15°/15°	1/2" FPT & 3/8" FPT - L	10 LBS.	80185FNDP-U
20"	24"	18-3/4"	28-1/4"	27-1/2"	2"	NONE	20 AN-F R	1-3/4" R	15°/15°	1/2" FPT - L	10 LBS.	80185NDP-U

RADIATOR CAPS

Quality radiator caps help prevent the loss of coolant that can lead to overheating.

DESCRIPTION	PART #
A) STANT 21-25 LBS. CAP	80153
B) RADIATOR CAP-20 LBS.	80151
C) RADIATOR CAP-29-31LBS.	80050



21-25 lbs. Pressure



20 lbs. Pressure



29-31 lbs. Pressure

CUSTOM OVAL TRACK RADIATORS

Call 800-632-2320 for more details or to order your custom radiator!

- Built with formed tanks.
- Any inlet/outlet size and configuration.
- Common core sizes for any application.

DESCRIPTION	PART #
SINGLE PASS RADIATOR	80007-NA
DOUBLE PASS RADIATOR	80008-NA



DOUBLE PASS 2 ROW X 1" TUBE CORE RADIATORS

Added features and unique options make these radiators the pro's choice.

AFCO quality and a wide range of sizes make them perfect for many applications.



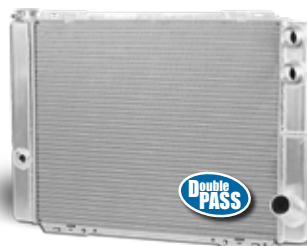
80101NDP-U - (27-1/2" x 19")



80124N - (27-1/2" x 19")



80124N-16 - (27-1/2" x 19")



80124N-20 - (27-1/2" x 19")



No filler neck.

80133N - (27-1/2" x 16")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	ADDITIONAL BUNGS	OUTLET ANGLE UP / IN	DRY WEIGHT	PART #
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	L	1-1/2" R	1-3/4" R	N/A	30°/10°	13.7 LBS.	80101NDP-U
21"	27-1/2"	18-1/2"	31-3/4"	31"	3"	L	16 AN-M R	1-3/4" R	N/A	30°/10°	15 LBS.	80126NDP-U
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	L	(1)16 AN-F R	1-3/4" R	N/A	30°/10°	13.3 LBS.	80101NDP-U
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	L	(2)16 AN-F R	1-3/4" R	1/2" FPT - L	30°/10°	13.3 LBS.	80124N
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	L	(2)16 AN-M R	1-3/4" R	1/2" FPT - L	30°/10°	13.3 LBS.	80124N-16
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	L	(2)20 AN-M R	1-3/4" R	1/2" FPT - L	30°/10°	13.3 LBS.	80124N-20
16"	22-3/8"	16"	27-1/2"	27-1/2"	3"	NONE	1-1/4" R	1-1/2" R	1/2" FPT - L	0°	13.2 LBS.	80133N*

*Note: 80133N does not have a filler neck.

The radiator comes with one 1/4"-18 NPT & one 1/2"-14 NPT temp bung.

NEW!

AFCO's new Universal Inlet radiators allow you to fit any top radiator hose by simply changing the inlet fitting from a -16AN, -20AN, or Standard 1-1/2" hose.

This will eliminate the need for multiple styles of radiators for spares and inventory. All part numbers ending in "-U" are now universal inlet radiators.

SCREW-IN FITTINGS



80071



80072



80073

DESCRIPTION	PART #
1-1/2" HOSE TO 20 AN SCREW IN	80071
16AN TO 20AN SCREW IN	80072
20AN TO 20AN SCREW IN	80073
REPLACEMENT O-RING	80070



Watch AFCO Videos



Watch Longacre Videos

WATCH OUR NEW TECH VIDEOS ONLINE!

FOLLOW US ONLINE FOR
PRODUCT HIGHLIGHTS,
TECH TIPS, & MORE...



STAY UP-TO-DATE AND WATCH HELPFUL VIDEOS FEATURING OUR EXPERIENCED RACING PROFESSIONALS!



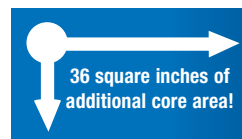
- READ TECH TIPS
- WATCH TUTORIALS
- SHOP THE ONLINE STORE
- PLACE AN ORDER


SIGN UP FOR OUR
NEWSLETTER

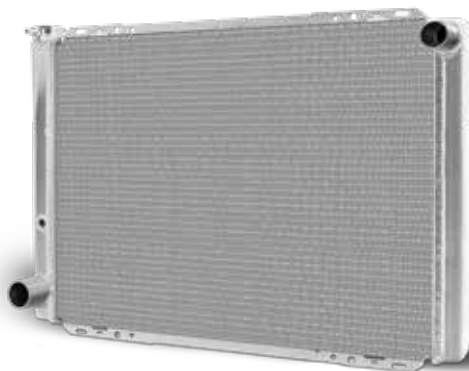


28" EXTRA CAPACITY PRO RADIATORS

The AFCO 28" radiator is built with a 24-3/8" core for optimal cooling in a confined space. This radiator provides an **additional 36 square inches of core area** while increasing overall width by just half an inch.



- *Crate series.* 
- **Great for 604 Engines.**
- *Cars with limited airflow.*
- *Available in Chevy or Ford configurations.*
- *Standard or double pass.*
- *Maximized efficiency.*



80130FN (28"x 19")



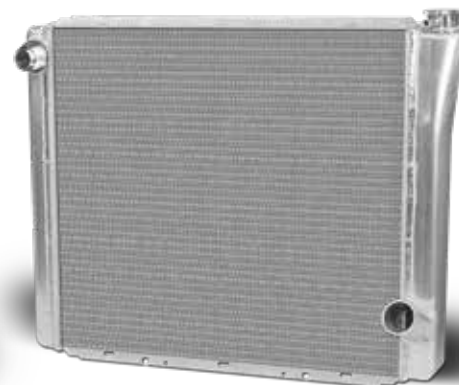
80130FNDP (28"x 19")



80130N (28"x 19")



80130N-16 (28"x 19")



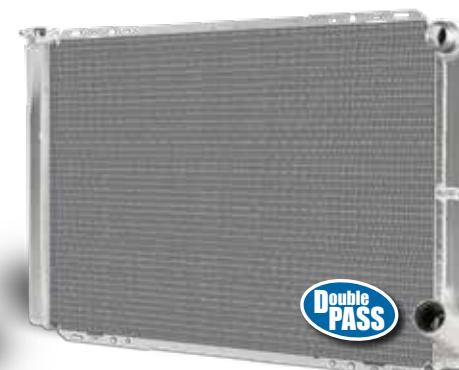
80130N-20 (28"x 19")



80130NDP (28"x 19")



80130NDP-16 (28"x 19")



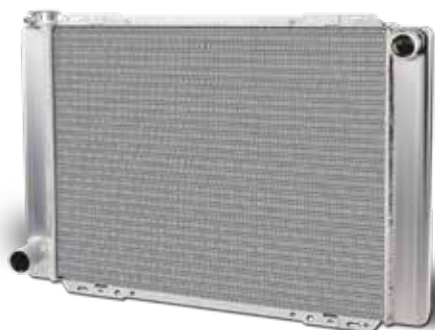
80130NDP-20 (28"x 19")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	DRY WEIGHT	NOTES	PART #
19-9/16"	24-3/8"	18-1/2"	29"	28"	3"	L	1-1/2" R	1-3/4" L	0°	14.3 LBS.	A	80130FN
19-9/16"	24-3/8"	18-1/2"	29"	28"	3"	R	1-1/2" L	1-3/4" R	30°/10°	14.3 LBS.		80130N
19-9/16"	24-3/8"	18-1/2"	29"	28"	3"	R	16 AN L	1-3/4" R	30°/10°	14.3 LBS.		80130N-16
19-9/16"	24-3/8"	18-1/2"	29"	28"	3"	R	20 AN L	1-3/4" R	30°/10°	14.3 LBS.		80130N-20
19-9/16"	24-3/8"	18-1/2"	29"	28"	3"	L	1-1/2" R	1-3/4" R	30°/10°	14.3 LBS.		80130NDP
19-9/16"	24-3/8"	18-1/2"	29"	28"	3"	L	16 AN R	1-3/4" R	30°/10°	14.3 LBS.		80130NDP-16
19-9/16"	24-3/8"	18-1/2"	29"	28"	3"	L	20 AN R	1-3/4" R	30°/10°	14.3 LBS.		80130NDP-20

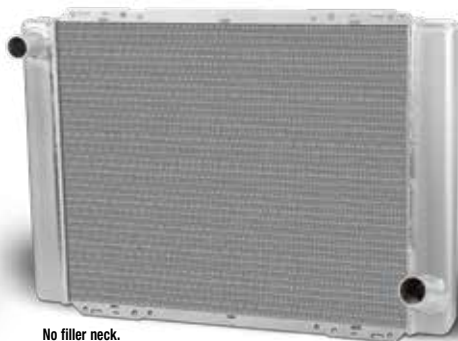
Note a: design includes a 1/2" NPT female bung for temp probe.

UNIVERSAL 2 ROW X 1" TUBE CORE RADIATORS

- Built with two 1" rows for a total core thickness of 2-1/4" and features 3" tanks.
- 100% pressure tested.
- Optimum fin per inch ratio for maximum cooling.
- TIG-welded with no epoxy.



80101FN - (27-1/2" x 19")



No filler neck.

80101-1N - (27-1/2" x 19")



80116N - (27-1/2" x 16")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	DRY WEIGHT	PART #
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	L	1-1/2" R	1-3/4" L	0°	13.6 LBS.	80101FN
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	NONE	1-1/2" L	1-3/4" R	30°/10°	13.7 LBS.	80101-1N
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	R	16 AN-M L	1-3/4" R	30°/10°	13.6 LBS.	80101N-U
17-5/16"	22-3/8"	15-7/8"	27-1/2"	27-1/2"	3"	R	1-1/2" L	1-3/4" R	30°/10°	14.1 LBS.	80116N

Note: 80101-1n does not have a filler neck.

DECK MOUNT OIL COOLERS

- Double pass design.
- Overall dimensions: 14.25"x 6.5"x 4.4".
- Available with 10AN, 12AN & 16AN inlets & outlets.
- Internal oil turbulator & louvered fins ensure unparalleled efficiency.
- 1/2" FPT for oil temp. sending unit.
- 1 Quart capacity.



DESCRIPTION	PART#
#10AN - DECK MOUNT OIL COOLER	80278-10
#12AN - DECK MOUNT OIL COOLER	80278-12
#16AN - DECK MOUNT OIL COOLER	80278-16

ASPHALT COOLING

SINGLE ROW LIGHTWEIGHT ASPHALT RADIATOR

- 27.50" wide x 18.00" tall x 2.00" deep, single row 1.50" core.
- Double pass radiator.
- 16AN male inlet, 1.75" outlet.
- One 1/4" NPT and one 3/8" NPT bung.
- Mounting bungs on the radiator to attach AFCO Oil Coolers (80420, 80421, 80422).
- 100% TIG-welded with no epoxy.
- 100% pressure tested.

DESCRIPTION

SINGLE ROW 1.50" 27.50" WIDE LIGHTWEIGHT ASPHALT RADIATOR

PART#

80195NDP-16



DUAL ROW ASPHALT RADIATOR

- 29.38" wide x 15.50" tall x 3.00" deep, dual row 1.00" core.
- Double pass radiator.
- 16AN male inlet, 1.75" outlet.
- One 1/4" NPT and one 3/8" NPT bung.
- Mounting bungs on the radiator to attach AFCO Oil Coolers (80420, 80421, 80422).
- 100% TIG-welded with no epoxy.
- 100% pressure tested.

DESCRIPTION

DUAL ROW 1.00" 29.50" WIDE ASPHALT RADIATOR

PART#

80196NDP-16



ASPHALT OIL COOLER NO FANS

- 25.63" wide x 10.00" tall x 2.00" deep, single row 1.56" oil core.
- Double pass oil cooler.
- 12AN male inlet and outlet.
- Laser cut tanks and brackets.
- 100% TIG-welded with no epoxy.
- 100% pressure tested.
- Mounts to 80195NDP-16 and 80196NDP-16 radiators.
- No fans.

DESCRIPTION

ASPHALT OIL COOLER NO FANS

PART#

80420



ASPHALT OIL COOLER WITH SINGLE FAN

- 25.63" wide x 10.00" tall x 2.00" deep, single row 1.56" oil core.
- Double pass oil cooler.
- 12AN male inlet and outlet.
- Laser cut tanks and brackets.
- 100% TIG-welded with no epoxy.
- 100% pressure tested.
- Mounts to 80195NDP-16 and 80196NDP-16 radiators.
- Single 10" fan.

DESCRIPTION

ASPHALT OIL COOLER WITH SINGLE FAN

PART#

80421



SCREW-IN FITTINGS



DESCRIPTION	PART #
1 1/2" HOSE TO 20 AN SCREW IN	80071
16AN TO 20AN SCREW IN	80072
20AN TO 20AN SCREW IN	80073
REPLACEMENT O-RING	80070

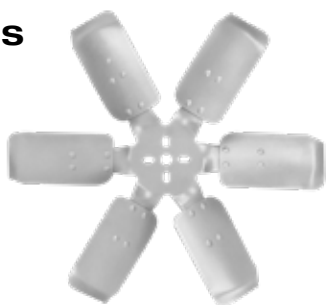
WELD-ON FITTINGS



MALE	PART #	FEMALE	PART #
6AN FITTING	700050040	1/8" FP FITTING	80128X12
8AN FITTING	700050041	1/4" FP FITTING	80128X5
10AN FITTING	700050037	3/8"-18 FP FITTING	80128X10
12AN FITTING	80128X8	1/2"-14 FP FITTING	80128X11
16AN FITTING	80128X9	3/4" FP FITTING	80128X6
20AN FITTING	80128X20	1" FP FITTING	80128X7

HD COOLING FANS

- Dual bolt pattern to fit most pumps.
- 6 steel blades.



DESCRIPTION	PART #
GM 17"	80181

4 BLADE FAN

- 4 steel blades for greater airflow.
- Designed with the proper blade pitch to move the maximum amount of air possible.
- Dual bolt pattern to fit most pumps.



DESCRIPTION	PART #
4 BLADE FAN 18"	80183

FAN SPACER KITS

- Billet aluminum.
- Anodized black.
- Fits 5/8" or 3/4" drive.
- Kit comes with bolts, bushing and washers.



DESCRIPTION	PART #
1-1/2" FAN SPACER	80191
2" FAN SPACER	80192
2-1/2" FAN SPACER	80193
3" FAN SPACER	80194

ALUMINUM THERMOSTAT HOUSINGS

- Polished aluminum construction.
- Uses o-ring for quality seal to intake.
- Allows 360° rotation.
- Includes bolts.



DESCRIPTION	PART #
15° NECK SBC / BBC	80312-15

AN FEMALE O-RING WELD-ON STYLE BUNG



DESCRIPTION	PART #
10 AN FITTING	80128X-10AN
12 AN FITTING	80128X-12AN
16 AN FITTING	80128X-16AN

*O-Rings sold separately.

RADIATOR REPAIR KIT

Repairs small leaks in aluminum radiators.



DESCRIPTION	PART #
EPOXY SOLDER	80161

RADIATOR FILLER



DESCRIPTION	PART #
BILLET FILLER NECK	80154BK

AFCO FRAME KIT

AFCO RACING PRODUCTS

1968-1972 CHEVELLE

GM REPLACEMENT FRAME KIT



* ASSEMBLY REQUIRED.
PICTURE SHOWS
ASSEMBLED PRODUCT.

APPROVED BY ALL MAJOR SANCTIONING BODIES!

- Saves up to 6 hours of build time.
- Locating tabs for easy assembly.
- Excellent drag link and radiator clearance.
- Replacement parts available!
- Factory steering bolts directly on.
- Pre-cut spring pockets.

MATERIAL

The AFCO Chevelle frame kit is legal in all major Modified sanctioning bodies! The frame kit is a readily available, consistent product that is the same weight and strength of OEM frames and is made with the same cuts. The parts weld together beautifully with no grinding or other time-wasting prep work needed. The final product will drop right into a stock frame jig.

CROSS MEMBER

Designed with Modifieds in mind! The cross member has been shaved to provide excellent radiator and drag link clearance. To save even more time in your build, we engineered better steering shaft clearance into the left upper side of the cross member. Cross member and frame horns have 5/16" locating holes to position the cross member precisely in place. Cross member halves also include tabs to "lock together" in the proper position for welding---no worries about squeezing these pieces too far!

FRAME HORNS

Front horns are notched in the spring pocket area to ease spring changes. Frame horns and the lower control arm rear mounts have two 5/16" locating holes to easily position for proper placement. Frame horn tabs locate the halves in the proper position for welding, no worries about squeezing them out of place!

ASSEMBLY

Consistent positive feedback! Professional chassis builders tell us that using the AFCO Chevelle Frame Kit saves around 6 hours of labor to assemble versus OEM and other frame kits. This kit results in a better-looking and much more dependable product when finished.

CRASH REPAIR

No cutting up donor frames! We have replacement individual frame horns and frame rails available for crash repair. These replacement parts will work with AFCO frames, GM 68'-72' Chevelle OEM frames, and others.

**APPROVED BY
ALL MAJOR
SANCTIONING
BODIES**



COMPLETE FRAME KIT

PROFESSIONAL CHASSIS BUILDER DISCOUNT AVAILABLE - CALL FOR PRICING!



#40000

* ASSEMBLY REQUIRED. PICTURE SHOWS ASSEMBLED PRODUCT.



#40013

Lower control arm mounts.

REPLACEMENT PARTS

PROFESSIONAL CHASSIS BUILDER DISCOUNT AVAILABLE - CALL FOR PRICING!



#40020

Left control arm bracket.



#40015

Right hand frame horn replacement kit.



#40016

Left hand frame horn replacement kit.



#40017

Right hand rail replacement kit.



#40018

Left hand rail replacement kit.



#40019

Right control arm bracket.

94 SERIES SHOCKS

MODIFIED & STREET STOCK



SCAN HERE TO
LEARN MORE AND
SHOP ONLINE



THE NEXT GENERATION OF SHOCKS ARE HERE!

Experience the power of innovation and unmatched performance with our New 94 Series! Meticulously engineered to meet the demands of circle track racing, while providing racers with the competitive edge they seek.

HOW TO READ & ORDER YOUR 94 SERIES AFCO SHOCKS:

SHOCK SERIES
(FIRST 2 DIGITS)
94
SPECIALIZED
BASE VALVE
NON-BULB SHOCK

STROKE LENGTH
(3RD DIGIT)
9
7", 8", or 9"
STROKE

COMP. RANGE
(4TH DIGIT)
3
0 thru 14
COMP. RANGE
(BNC Valving
Available)

REB. RANGE
(5TH DIGIT)
5
0 thru 14
REB. RANGE
(BNR Valving
Available)

94-9-3-5
EXAMPLE PART#

ADDRESSING MARKET DEMAND

We recognized a significant demand within the Stock Car, Sport Mod, and B-Mod shock tuner market. Identifying a clear need for a specialized base valve non-bulb shock that caters specifically to their unique requirements.

SHOCK TUNER FRIENDLY DESIGN

Our commitment to meeting the needs of shock tuners led us to develop a manufacturing process that incorporates a removable base valve. This innovation ensures greater ease of tuning and customization.

IMPROVED FEEL WITH INTERNAL BASE VALVE DESIGN

Our shock absorber features an internal base valve design that allows the shock to run at a lower gas pressure, resulting in an unparalleled improvement in overall feel, responsiveness, and better grip in slick track conditions.

LEGAL ACROSS ALL SANCTIONING BODIES

Worried about compliance? Rest assured, our shock absorber is fully approved and legal for use in all sanctioning bodies, giving racers the peace of mind they need.

CUSTOMIZABLE VALVING OPTIONS

We understand that each racer has specific requirements for their vehicle. That is why our shock absorbers are available with both standard and custom valving options, providing racers with the flexibility to tailor the performance to their preferences.

PISTON OPTIONS FOR OPTIMAL PERFORMANCE

We offer a choice between linear or digressive pistons, allowing racers to fine-tune their setup for maximum performance and control.

UNMATCHED 9" STROKE SHOCK FOR LEFT REARS

Outpacing the competition, we proudly present a full 9" stroke shock designed specifically for left rear applications. This unique feature sets our shock absorber apart from all others on the market.

ENHANCED DRIVER FEEL WITH 1/2" DIAMETER SHAFT

To enhance driver feel and ensure an exceptional driving experience, we've incorporated a 1/2" diameter shaft, delivering a level of precision and feedback unmatched by other shock absorbers.

GAS SHOCKS STEEL BULB

DIRT MODIFIED

85/86/87/88 SERIES

The 85-88 Series AFCO shocks were specifically developed to bring optimum performance, quality, and tunability to the Modified racing market. The shocks incorporate flow-matched billet aluminum pistons and base valves that were developed in-house using 5-axis CNC machining technology and EMA dyno capability. Each piston and base valve was developed together to minimize hysteresis and utilize premium quality hardware and shims for a balanced response. The steel gas reservoir, or "bulb", has been weight and size optimized for better fit without increasing pressure gain. The 86 and 88 Series IMCA legal shocks utilize the new IMCA "universal" fill port that can be easily changed to a Schrader valve application when sanctioning rules allow. The shocks are 100% owner-serviceable or can be serviced by any AFCO shock tuning center for convenient and fast turnaround.

ADDITIONAL FEATURES

- Smaller 2.5" bulb for better clearance and lighter weight!
- Anodized billet aluminum pistons and base valves.
- 1/2" (12.7mm) Ultra strong DUROx chrome shaft design.
- Optimized gas reservoir is nearly a half-pound lighter than AFCO 75-78 Series shocks.
- Available with Schrader valve or the new IMCA Universal Fill Port.
- Robust sealing system withstands high temperatures and heavy debris.
- Nickel-plated shock exterior provides unmatched durability and long-term cosmetic appearance.
- Available with or without a base valve.



BILLET ALUMINUM PISTONS & BASE VALVES
SEE **PAGE 63** FOR PISTON
INFORMATION

BASE VALVE

STROKE	COMP. LENGTH	EXT. LENGTH
7"	13.25"	19.44"
9"	15.25"	23.44"

NON BASE VALVE

STROKE	COMP. LENGTH	EXT. LENGTH
7"	13.25"	20.20"
9"	15.25"	24.20"



COIL-OVER KITS AVAILABLE



**WATCH OUR VIDEO ON
STEEL BULB GAS SHOCKS!**





1/2" SHAFT



HOW TO READ AND ORDER YOUR AFco SHOCKS:

SHOCK SERIES	STROKE LENGTH	COMPRESSION	REBOUND	
85 Base Valve Version w/ Schrader Valve	- 9 Choose either 7" or 9"	- 2 Choose Any Valve Between 0 - 14	- 12 Choose Any Valve Between 0 - 14	▶ 85-9-2-12 EXAMPLE PART#
86 Base Valve Version IMCA Legal	- 7 Choose either 7" or 9"	- 4 Choose Any Valve Between 0 - 14	- 6 Choose Any Valve Between 0 - 14	▶ 86-7-4-6 EXAMPLE PART#
87 Non-Base Valve Version w/ Schrader Valve	- 7 Choose either 7" or 9"	- 5 Choose Any Valve Between 0 - 14	- 5 Choose Any Valve Between 0 - 14	▶ 87-7-5-5 EXAMPLE PART#
88 Non Base Valve Version IMCA Legal	- 9 Choose either 7" or 9"	- 10 Choose Any Valve Between 0 - 14	- 3 Choose Any Valve Between 0 - 14	▶ 88-9-10-3 EXAMPLE PART#

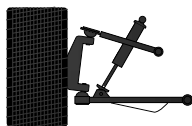
ORDER YOUR SHOCKS THE WAY YOU WANT THEM
NO EXTRA CHARGE FOR SPECIAL BUILDS

SEE PAGE 63
FOR PISTON
INFORMATION

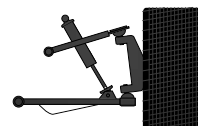


RECOMMENDED 4-LINK GAS SHOCKS

BASE VALVE				Left Front Shocks
GAS	TRACK CONDITION	IMCA LEGAL	SCHRADER VALVE	
	BASE	86-7-4-6	85-7-4-6	
	SLICK	86-7-5-3	85-7-5-3	
	ROUGH	86-7-4-4	85-7-4-4	



BASE VALVE				Right Front Shocks
GAS	TRACK CONDITION	IMCA LEGAL	SCHRADER VALVE	
	BASE	86-7-3-8	85-7-3-8	
	SLICK	86-7-3-5	85-7-3-5	
	ROUGH	86-7-4-6	85-7-4-6	



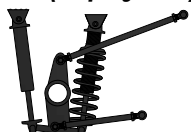
NO BASE VALVE				Left Rear Shocks (w/Spring Behind)
GAS	TRACK CONDITION	IMCA LEGAL	SCHRADER VALVE	
	BASE	88-9-8-2	87-9-8-2	
	SLICK	88-9-9-2	87-9-9-2	
	ROUGH	88-9-6-3	87-9-6-3	



BASE VALVE				Right Rear Spring Ahead Shocks
GAS	TRACK CONDITION	IMCA LEGAL	SCHRADER VALVE	
	BASE	86-9-3-4	86-9-3-4	
	SLICK	86-9-3-5	85-9-3-5	
	ROUGH	86-9-4-4RT	85-9-4-4	



BASE VALVE				Right Rear Shocks Behind (w/Spring Ahead)
GAS	TRACK CONDITION	IMCA LEGAL	SCHRADER VALVE	
	BASE	86-9-4-6	85-9-4-6	
	SLICK	86-9-3-7	85-9-3-7	
	ROUGH	86-9-5-5	85-9-5-5	



CUSTOMIZATION
YOU CAN COUNT ON

WE LOOK FORWARD TO FULFILLING YOUR CUSTOM ORDERS.

GAS SHOCKS^{STEEL}

NON-ADJUSTABLE

83/84 SERIES



These shocks are an enhanced version of our successful 73/74 Series Shocks. Features and benefits include a new AFCO black finish, new billet piston choices, and jetted shafts for more precise tuning options. All valving combinations and curves are available in 7" and 9" lengths. The 9" stroke versions are ready to accept our 20125A-7KR coil-over kit.

	7" STROKE	9" STROKE
COMPRESSED	12.95"	14.95"
EXTENDED	19.85"	23.85"



SEE PAGE 63
FOR PISTON
INFORMATION

HOW TO READ AND ORDER YOUR AFCO SHOCKS:

83 SERIES

- SCHRADER VALVE
- CUSTOMER SERVICEABLE
- NON-ADJUSTABLE
- 7" OR 9" STROKE

SHOCK SERIES (FIRST 2 DIGITS)	STROKE LENGTH (3RD DIGIT)	COMP. RANGE (4TH DIGIT)	REB. RANGE (5TH DIGIT)
83	9	3	5
STEEL BODY NON-ADJ. GAS W/ SCHRADER	7" or 9" STROKE	0 thru 14 COMP. RANGE	0 thru 14 REB. RANGE

▶ **83-9-3-5**
EXAMPLE PART#

84 SERIES

- IMCA LEGAL
- NON-SCHRADER VALVE
- NON-ADJUSTABLE
- 7" OR 9" STROKE

SHOCK SERIES (FIRST 2 DIGITS)	STROKE LENGTH (3RD DIGIT)	COMP. RANGE (4TH DIGIT)	REB. RANGE (5TH DIGIT)
84	9	3	5
STEEL BODY NON-ADJ. GAS	7" or 9" STROKE	0 thru 14 COMP. RANGE	0 thru 14 REB. RANGE

▶ **84-9-3-5**
EXAMPLE PART#



NEW IMCA PORT



WATCH OUR VIDEO ON
STEEL GAS SHOCKS!



GAS SHOCKS^{STEEL}

NON-ADJUSTABLE



NEW 79 SERIES

STEEL NON-ADJUSTABLE IMCA LEGAL

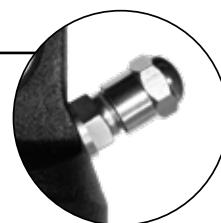
Targeted at the open wheel modified racing market, this shock promotes better feel and improved grip. The smaller 1/2" (12.7mm) shaft displaces less oil when compressed, giving the shock an added advantage of less rod pressure gain, thus improving driver feel.

- IMCA legal gas pressure shock.
- POWRi and sealed shock legal for most Eastern US Bmod rules that can not have a fill port.
- Bodies grooved for coil-over applications.
- Performance at its best on fast or rough tracks.
- A good choice for stock cars with the non-external gas port rule.
- Non-Schrader valve.
- 1/2" Shaft size only.
- Custom valving available.

73 SERIES

STEEL NON-ADJUSTABLE W/ SCHRADER VALVE

- Schrader valve allows tuning with gas pressure.
- Performance at its best on fast or rough tracks.
- Bodies grooved for coil-over applications.
- 1/2" Shaft or 5/8" shaft upon request.



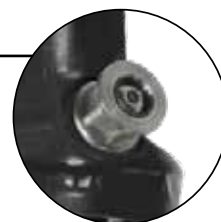
SCHRADER VALVE

74 SERIES

STEEL NON-ADJUSTABLE IMCA LEGAL

Targeted at the open wheel modified racing market, this shock promotes better feel and improved grip. The smaller 1/2" (12.7mm) shaft displaces less oil when compressed, giving the shock an added advantage of less rod pressure gain, thus improving driver feel.

- IMCA legal gas pressure shock.
- Performance at its best on fast or rough tracks.
- Bodies grooved for coil-over applications.
- Non-Schrader valve.
- Custom valving available.
- 1/2" Shaft or 5/8" shaft upon request.



NEW IMCA PORT

COIL-OVER
KITS
AVAILABLE



	7" STROKE	9" STROKE
COMPRESSED	12.95"	14.95"
EXTENDED	19.85"	23.85"

HOW TO READ AND ORDER YOUR AFco SHOCKS:

SHOCK SERIES (FIRST 2 DIGITS)	STROKE LENGTH (3RD DIGIT)	COMP. RANGE (4TH DIGIT)	REB. RANGE (5TH DIGIT)
73	9	3	5
STEEL BODY NON-ADJ. GAS W/ SCHRADER	7" or 9" STROKE	0 thru 14 COMP. RANGE	0 thru 14 REB. RANGE

73-9-3-5
EXAMPLE PART#

TWIN TUBE SHOCKS **STEEL**

NON-ADJUSTABLE

19 SERIES



STEEL BIG BODY REBUILDABLE 2.02" OD

AFCO steel take apart shocks. Owner rebuildable, twin tube, will work with or without coil-over spring. Body is 2.02" outside diameter, so it will fit most modifieds on the market. Shim stack technology provides consistent results. IMCA Approved. 5/8" Shaft.

ADDITIONAL FEATURES

- Twin Tube design for those "hard-to-get-a-hold-of" tracks.
- Owner rebuildable and serviceable.
- Shim stack technology provides consistent results.
- 5/8" Shaft.
- Grooved for use in coil-over applications.



**COIL-OVER KITS
AVAILABLE**

HOW TO READ AND ORDER YOUR 19 SERIES AFCO SHOCKS:

SHOCK SERIES	STROKE LENGTH	COMP. VALVE	REB. VALVE	PART NUMBER
19	9	3	6	1993-6
STEEL NON- ADJUSTABLE	7" or 9"	0 to 9 FIXED	0 to 14 FIXED	EXAMPLE PART#

Note: When compression and rebound are the same valving, there will be no 5th digit and the 4th digit denotes compression and rebound. (EXAMPLE: 1993 is a 3 valve compression and 3 valve rebound.)

	7" STROKE	9" STROKE
COMPRESSED	12.85"	14.85"
EXTENDED	19.76"	23.76"



81 SERIES STOCK MOUNT

STREET STOCK, HOBBY STOCK
& SOUTHERN SPORT MOD

- AFCO'S **NEW** 81 Series Stock Mount Shocks are designed specifically for Southern Sport Mod, Hobby Stock, and Street Stock cars.
- The new large body front shocks feature a newly designed 44mm piston, which reduces fade and minimizes heat buildup. Multiple piston options are available, allowing for fine-tuned valving and maximum performance.
- The shorter front shocks enable you to lower the front end of your car, improving stability and control. Additionally, the maximum 21" extended-length rear shocks enhance handling and provide better forward bite, giving you the competitive advantage needed to cross the finish line first.
- Engineered for GM A/G Body Style cars, the 81 Series shocks offer a convenient stock mount option. The optimized lengths ensure compliance with regulations set by IMCA and other sanctioning bodies. Contact a sales representative to learn more about how the 81 Series shocks can significantly improve your car's performance.



SCAN
TO LEARN
MORE!

HOW TO READ & ORDER YOUR 81 SERIES AFCO SHOCKS:

SHOCK SERIES (FIRST 2 DIGITS)	FRONT/REAR (3RD DIGIT)	COMP. RANGE (4TH DIGIT)	REB. RANGE (5TH DIGIT)
81	1	3	8
STOCK MOUNT SHOCK	1 FRONT MOUNT 2 REAR MOUNT	3 thru 9 COMP. RANGE	2 thru 8 REB. RANGE

81-1-3-8
EXAMPLE PART#



TWIN TUBE SHOCKS **STEEL**

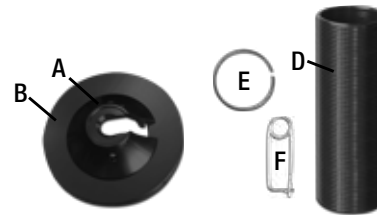
NON-ADJUSTABLE

SEALED SHOCK SERIES

AFCO and DirtCar are proud to introduce the Pro Modified Spec Shock. The Spec Shock is AFCO's 14 Series non-adjustable twin tube shock that has been in production for 10+ years. This is the most budget-friendly shock in AFCO's lineup. Each shock will be equipped with a DirtCar decal to make it easy to tech. This shock is strong and dependable with a 9/16" shaft and twin tube design that allows small dents in the body without damaging the shock. Low up-front cost plus making the shock sealed eliminates the high customization fees which make it ideal for this economic class.

ADDITIONAL FEATURES

- Economical sealed body.
- Best twin tube value on the market.
- 9/16" Shaft.
- Grooved for use in coil-over applications.



TAPERED CONE KIT: 20125A-7K

AFCO SEALED SHOCK PROGRAM VALVING

FRONT SHOCKS	VALVE	COMPRESSED	EXTENDED	7" STROKE
LEFT FRONT	4-6	12.50"	19.50"	1474-6
LEFT FRONT	5	12.50"	19.50"	1475
LEFT FRONT	5-3	12.50"	19.50"	1475-3
RIGHT FRONT	4-6	12.50"	19.50"	1474-6
RIGHT FRONT	5	12.50"	19.50"	1475

REAR SHOCKS	VALVE	COMPRESSED	EXTENDED	7" STROKE
LEFT REAR	7-2	14.50"	23.50"	1497-2
RIGHT REAR	4	14.50"	23.50"	1494
RIGHT REAR	3-5	14.50"	23.50"	1493-5

ALUMINUM COIL-OVER KIT FOR STEEL BIG BODY (5" O.D. SPRING)

DESCRIPTION	PART #
7" KIT	20125A-7K
A) SPRING SEAT	20128
B) ADAPTER SPRING SEAT ONLY	20118
E) SNAP RING	10242
F) PIN	10157

14 SERIES



FIXED BEARING SEALED BODY COIL-OVER 2.02" OD

CHOOSE YOUR PART NUMBER ▼

VALVING	7" PART#	9" PART#
3 VALVE	1473	1493
3-5 VALVE	1473-5	1493-5
4 VALVE	1474	1494
4-6 VALVE	1474-6	1494-6
4-8 VALVE	1474-8	•
5 VALVE	1475	1495
5-3 VALVE	1475-3	1495-3
6 VALVE	1476	1496
7 VALVE	1477	•
7-2 VALVE	•	1497-2
9-1 VALVE	1479-1	1499-1



COIL-OVER KITS AVAILABLE

	7" STROKE	9" STROKE
COMPRESSED	12.50"	14.50"
EXTENDED	19.50"	23.50"



STREET STOCK SHOCKS **STEEL**

NON-ADJUSTABLE STOCK MOUNT

10 SERIES



Whatever your street stock choice, AFCO has the stock mount shock for you. These gas-charged twin tube shocks are built with the valving you need for racing but are assembled in a "stock" configuration body to meet most track rules. The split-valve shocks offer additional tuning capabilities over the standard valving.

GM FULL-SIZE AND MID-SIZE - '70-'81 CAMARO, FIREBIRD,
'65-'86 FORD FULL-SIZE AND MID-SIZE - MERC MONTEGO AND COUGAR



	COMPRESSION	EXTENSION	MOUNT	PART#
7 VALVE (EX HEAVY)	9-3/8"	13-3/8"	FRONT	1020
6 VALVE	9-3/8"	13-3/8"	FRONT	1021
7-4 VALVE (SLICK)	9-3/8"	13-3/8"	FRONT	1022

'55-'86 GM FULL-SIZE AND MID-SIZE - '63-'86 MALIBU, CHEVELLE,
MONTE CARLO, CUTLASS, GRAND PRIX, GTO TEMPEST, REGAL, '68-'79 NOVA



	COMPRESSION	EXTENSION	MOUNT	PART#
5 VALVE (MEDIUM)	13"	21"	REAR	1030
6 VALVE (HEAVY)	13"	21"	REAR	1031
3-5 VALVE (SLICK)	13"	21"	REAR	1035

ALL '70-'81 CAMARO AND FIREBIRD



	COMPRESSION	EXTENSION	MOUNT	PART#
5 VALVE (MEDIUM)	14-1/2"	22-1/2"	REAR	1032
3-5 VALVE (SLICK)	14-1/2"	22-1/2"	REAR	1034

AVAILABLE SPLIT-VALVES

- **1022** is a "split valve - easy up" shock used on the front to promote weight transfer under acceleration. This will enhance forward traction.
- **1034** and **1035** are split-valve shocks for rear applications. Soft compression helps weight transfer. In oval track applications used on the left rear, these shocks tend to tighten corner exit handling. When used on the right rear, these shocks tend to tighten corner entry handling.



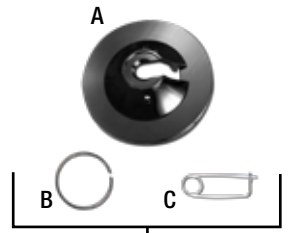
SHOCK ACCESSORIES

COIL-OVER HARDWARE

ALUMINUM COIL-OVER KIT FOR STEEL BIG BODY (5" O.D. SPRING)

10 & 14 Series

DESCRIPTION	PART #
7" KIT	20125A-7K
A) SPRING SEAT ONLY	20128
B) SNAP RING	10242
C) PIN	10157

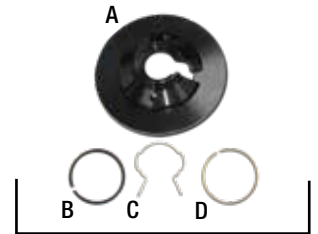


TAPERED CONE KIT: **20125A-7K**

ALUMINUM COIL-OVER KIT FOR STEEL BIG BODY (5" O.D. SPRING)

19, 23, 24, 25, 55, 56, 57, 58, 73,
74, 75, 76, 77, 78, 83, 84, 85, 86,
87 & 88 Series

DESCRIPTION	PART #
7" KIT	20125A-7KR
A) SPRING SEAT ONLY	20130
B) SNAP RING	10242
C) SPRING CLIP	10243SR
D) SQUARE RING	20122-4

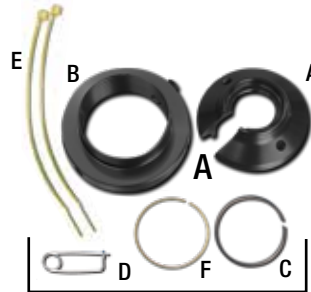


SPRING KIT: **20125A-7KR**
SQUARE RING KIT: **20125B-7KR**

ALUMINUM COIL-OVER KIT FOR STEEL BIG BODY (2 1/2" - 2 5/8" I.D. SPRING)

10 & 14 Series

DESCRIPTION	PART #
7" KIT	20125A-7
A) SPRING SEAT ONLY	20128
B) ADJUSTER NUT ONLY	20133
C) SNAP RING	10242
D) PIN	10157
E) TIE WRAPS	20132
F) SQUARE RING	20122-4

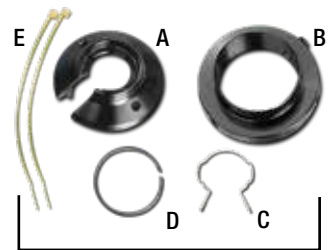


7" SLEEVE KIT: **20125A-7**

ALUMINUM COIL-OVER KIT FOR STEEL BIG BODY (2 1/2" - 2 5/8" I.D. SPRING)

19, 23, 24, 25, 55, 56, 57, 58, 73, 74,
75, 76, 77, 78, 85, 86, 87 & 88 Series

DESCRIPTION	PART #
7" KIT	20125A-7R
A) SPRING SEAT ONLY	20130
B) ADJUSTER NUT ONLY	20133
C) SPRING CLIP	10243SR
D) SNAP RING	10242
E) TIE WRAPS	20132



7" SLEEVE KIT: **20125A-7R**

BODY PROTECTORS

Simulated carbon fiber shock body protector for big body shocks. Sold individually.

DESCRIPTION	PART #
BIG BODY (SINGLE)	20379-4



SHOCK BUMPERS



20173 - Cone



223541 - 3" Soft



223550 - 3" Medium

DESCRIPTION	PART #
CONE FOR CONVOLUTED BUMPER	20173
2.25" SPEEDTHANE RED BUMPER ONLY (SOFT)	223527
2.25" SPEEDTHANE NATURAL BUMPER ONLY (MEDIUM)	223533
2.25" SPEEDTHANE BUMPER ONLY (HARD)	223539
3" SPEEDTHANE RED BUMPER ONLY (SOFT)	223541
3" SPEEDTHANE NATURAL BUMPER ONLY (MEDIUM)	223550

85, 86, 87, & 88 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES

STEEL MONOTUBE BODIES



DESCRIPTION	PART #
7" NON-BASE VALVE BODY	550010377B
7" BASE VALVE BODY	550010387
9" BASE VALVE BODY	550010389
10" BASE VALVE BODY	0000102B

REPLACEMENT SHAFT ASSEMBLIES

NON-ADJUSTABLE SOLID SHAFT



DESCRIPTION	PART #
7" STROKE BASE VALVE	55000029262
7" STROKE NON BASE VALVE	55000029270
9" STROKE BASE VALVE	55000029282
9" STROKE NON BASE VALVE	55000029290

NON-ADJ. INDEPENDENT BLEED JET SHAFT



DESCRIPTION	PART #
7" STROKE BASE VALVE	55000011862
7" STROKE NON BASE VALVE	55000011870
9" STROKE BASE VALVE	55000011882
9" STROKE NON BASE VALVE	55000011890

REPLACEMENT BODY CAP ASSEMBLIES

Now accepts 5/16" Schrader or 5/16" IMCA Fill Port.

DESCRIPTION	PART #
FLOATING PISTON ASSEMBLY	8000096

DESCRIPTION	PART #
5/16" NON-SCHRADER FILL PORT (4)	55000079310-4
5/16" SCHRADER VALVE	550000050
VALVE CAP	MT59080-1
NUT, M12 X 1.25" HEX	1001390.1
NPT THREADED IMCA FILL PORT	550000973NPT



REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY (BLACK)	550000093
ROD SCRAPER (5 QTY.)	550000148-5
SEAL, T-SYLE (5 QTY.)	550000147-5
OUTER ROD GUIDE O-RING (5 QTY.)	550000008-5
BLEEDER SCREW WITH O-RING (5 QTY.)	550000658-5



550000093

REPLACEMENT ROD ENDS

DESCRIPTION	PART #
1/2" DIAMETER SHAFT - ROD END (STEEL)	550000485B
1/2" DIAMETER SHAFT - 1" EXTENSION	55000049801
1/2" DIAMETER SHAFT - 2" EXTENSION	55000049802



BEARING AND CLIP

DESCRIPTION	SERIES	PART #
REPLACEMENT BEARING & CLIP	ALL SERIES	1000



MONOTUBE REBUILD KITS



- All common components needed for complete rebuild/valve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TSB
REBUILD KIT - BLEED SHIMS & ACCESSORIES	MT/AC

REBUILD TOOLS

DESCRIPTION	PART #
SHOCK HEX BLEEDER WRENCH (NEW STYLE)	700500180
HAND BEARING PRESS	A700500076
1/2" SHAFT PISTON HEIGHT GAUGE	700500181
1/2" ROD GUIDE INSTALLATION CONE	550000281
BIG BODY ROD GUIDE WRENCH	550000665
OVERFLOW CUP	550000302
BIG BODY WRENCH HANDLE	700500048
STEEL MONOTUBE SLEEVE FOR BODY WRENCH	700500147

DESCRIPTION	PART #
WASHER FOR COIL-OVER RING	A550090151B
IMCA NON-SCHRADER FILL TOOL	5500007402
SHOCK VISE/MOUNTING STAND	20113
ROD GUIDE INSTALLATION CONE	A700500054
AFCO PREMIUM SHOCK OIL 1 QUART	MT59506
AFCO PREMIUM SHOCK OIL 5 GALLONS	165006
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com

73, 74, 83, & 84 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES

STEEL MONOTUBE BODIES



Now accepts 5/16" Schrader or 5/16" IMCA Fill Port, sold below.

DESCRIPTION	PART #
7" BODY WITH 5/16"	55000049237
9" BODY WITH 5/16"	55000049239
FLOATING PISTON	8000096

DESCRIPTION	PART #
5/16" NON-SCHRADER FILL PORT (4)	55000079310-4
5/16" SCHRADER VALVE	550000050
VALVE CAP	MT59080-1
IMCA SCREW ORING 5PK (OLD STYLE)	550060022-5



REPLACEMENT SHAFT ASSEMBLIES

NON-ADJUSTABLE SOLID SHAFT



DESCRIPTION	PART #
7" STROKE NON BASE VALVE	55000029270
9" STROKE NON BASE VALVE	55000029290

NON-ADJ. INDEPENDENT BLEED JET SHAFT



DESCRIPTION	PART #
7" STROKE NON BASE VALVE	55000011870
9" STROKE NON BASE VALVE	55000011890

REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY (SILVER)	550000039
ROD SCRAPER (5 QTY.)	550000148-5
SEAL, T-SYLE (5 QTY.)	550000147-5
OUTER ROD GUIDE O-RING (5 QTY.)	550000008-5
BLEEDER SCREW WITH O-RING (5 QTY.)	550000658-5
ROD GUIDE SEAL KIT, 74-84 SERIES	39SEALKIT



REPLACEMENT ROD ENDS

DESCRIPTION	PART #
1/2" DIAMETER SHAFT - ROD END (STEEL)	550000485
1/2" DIAMETER SHAFT - 1" EXTENSION	55000049801
1/2" DIAMETER SHAFT - 2" EXTENSION	55000049802
STEEL EYELET - 2" EXTENSION	551001217S
STEEL EYELET - 1" EXTENSION	551001216S



BEARING AND CLIP

DESCRIPTION	SERIES	PART #
REPLACEMENT BEARING & CLIP	ALL SERIES	1000



MONOTUBE REBUILD KITS



- All common components needed for complete rebuild/revalve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB
REBUILD KIT - BLEED SHIMS & ACCESSORIES	MT/AC

REBUILD TOOLS

DESCRIPTION	PART #
SHOCK HEX BLEEDER WRENCH (NEW STYLE)	700500180
HAND BEARING PRESS	A700500076
5/8" SHAFT PISTON HEIGHT GAUGE	A700500136
1/2" SHAFT PISTON HEIGHT GAUGE	700500181
1/2" ROD GUIDE INSTALLATION CONE	550000281
BIG BODY ROD GUIDE WRENCH	550000665
OVERFLOW CUP	550000302
IMCA NON-SCHRADER FILL TOOL	5500007402
IMCA FILL TOOL SQUARE O-RING	0000740.12
SHOCK VISE/MOUNTING STAND	20113
AFCO PREMIUM SHOCK OIL 1 QUART	MT59506
AFCO PREMIUM SHOCK OIL 5 GALLONS	165006
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com



A700500136



52-50453

5500007402



550000665



550000302



700500180

94 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES

STEEL MONOTUBE BODIES

DESCRIPTION	PART #
7" BODY	55100149270
8" BODY	55100149280
9" BODY	55100149290



REPLACEMENT SHAFT ASSEMBLIES



DESCRIPTION	PART #
7" SHAFT	55000011862
8" SHAFT	55000011882
9" SHAFT	55000011890

BASE VALVE PARTS

DESCRIPTION	PART #
BASE VALVE	551001393
BASE VALVE BOLT	550000931
BASE VALVE RING	551001394
BASE VALVE O-RING	550060019-5
BASE VALVE NUT	550000649-5
BASE VALVE SNAP RING	55100086746



REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY (BLACK)	550000093
ROD SCRAPER (5 QTY.)	550000148-5
SEAL, T-SYLE (5 QTY.)	550000147-5
OUTER ROD GUIDE O-RING (5 QTY.)	550000008-5
BLEEDER SCREW WITH O-RING (5 QTY.)	550000658-5



550000093



FILL PORTS

DESCRIPTION	PART #
5/16" NON-SCHRADER FILL PORT (4)	55000079310-4
5/16" SCHRADER VALVE	550000050
VALVE CAP	MT59080-1
NUT, M12 X 1.25" HEX	1001390.1



REPLACEMENT ROD ENDS

DESCRIPTION	PART #
1/2" DIAMETER SHAFT - ROD END (STEEL)	550000485B
1/2" DIAMETER SHAFT - 1" EXTENSION	55000049801
1/2" DIAMETER SHAFT - 2" EXTENSION	55000049802
1" EXTENSION	551001216S
2" EXTENSION	551001217S



DESCRIPTION	SERIES	PART #
REPLACEMENT BEARING & CLIP	ALL SERIES	1000



REBUILD TOOLS

DESCRIPTION	PART #
SHOCK HEX BLEEDER WRENCH (NEW STYLE)	700500180
HAND BEARING PRESS	A700500076
1/2" SHAFT PISTON HEIGHT GAUGE	700500181
1/2" ROD GUIDE INSTALLATION CONE	550000281
BIG BODY ROD GUIDE WRENCH	550000665
OVERFLOW CUP	550000302
BIG BODY WRENCH HANDLE	700500048
STEEL MONOTUBE SLEEVE FOR BODY WRENCH	700500174
IMCA NON-SCHRADER FILL TOOL	5500007402
SHOCK VISE/MOUNTING STAND	20113
ROD GUIDE INSTALLATION CONE	A700500054
AFCO PREMIUM SHOCK OIL 1 QUART	MT59506
AFCO PREMIUM SHOCK OIL 5 GALLONS	165006
BASE VALVE TOOL	551001430
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com

MONOTUBE REBUILD KITS



- All common components needed for complete rebuild/valve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB
REBUILD KIT - BLEED SHIMS & ACCESSORIES	MT/AC

81 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES



DESCRIPTION	PART #
BODY - 81-1 FRONT	55100070825
BODY - 81-2 REAR	55100070930

FLOATING PISTON PARTS

DESCRIPTION	PART #
FLOATING PISTON SNAP RING	55100086746
FLOATING PISTON	55100138346
FLOATING PISTON O-RING	8000006
FLOATING PISTON FILL SCREW	55100138302-5
FLOATING PISTON FILL O-RING	550060059-5

REPLACEMENT ENDS



DESCRIPTION	PART #	DESCRIPTION	PART #
81-1 HARDWARE KIT	A550100061X	81-2 EYELET	55000069050
EYELET BUSHING	S504	81-2 TIE BAR	S516
81-1 TIE BAR	S513		

REPLACEMENT SHAFT ASSEMBLIES

NON-ADJUSTABLE SOLID SHAFT



DESCRIPTION	PART #
81-1 SHAFT	55100070303
81-2 SHAFT	550000706

NON-ADJUSTABLE JETTED SHAFT



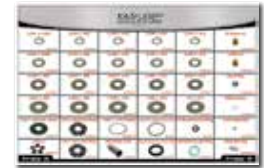
DESCRIPTION	PART #
81-1 JETTED SHAFT	55100070304
81-2 JETTED SHAFT	55100070604

REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY (BLACK)	550000093
ROD SCRAPER (5 QTY.)	550000148-5
SEAL, T-SYLE (5 QTY.)	550000147-5
OUTER ROD GUIDE O-RING (5 QTY.)	550000008-5
BLEEDER SCREW WITH O-RING (5 QTY.)	550000658-5



MONOTUBE REBUILD KITS



- All common components needed for complete rebuild/revolve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TSB
REBUILD KIT - BLEED SHIMS & ACCESSORIES	MT/AC

REBUILD TOOLS

DESCRIPTION	PART #
SHOCK HEX BLEEDER WRENCH (NEW STYLE)	700500180
HAND BEARING PRESS	A700500076
5/8" SHAFT PISTON HEIGHT GAUGE	A700500136
1/2" SHAFT PISTON HEIGHT GAUGE	700500181
1/2" ROD GUIDE INSTALLATION CONE	550000281
BIG BODY ROD GUIDE WRENCH	550000665
OVERFLOW CUP	550000302
IMCA NON-SCHRADER FILL TOOL	5500007402
SHOCK VISE/MOUNTING STAND	20113
AFCO PREMIUM SHOCK OIL 1 QUART	MT59506
AFCO PREMIUM SHOCK OIL 5 GALLONS	165006
FILL TOOL	551001404
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com



A700500136



52-50453



5500007402



550000665



550000302



700500180

19 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES

STEEL TWIN TUBE BODIES



DESCRIPTION	PART #
7" STROKE	550010237
9" STROKE	550010239
BODY O-RING	550060013-25

REPLACEMENT SHAFT ASSEMBLIES

NON-ADJUSTABLE SOLID SHAFT



DESCRIPTION	PART #	DESCRIPTION	PART #
4" STROKE	550070074	7" STROKE	550070077
5" STROKE	550070075	8" STROKE	550070078
6" STROKE	550070076	9" STROKE	550070079

REPLACEMENT BODY CAP ASSEMBLIES

DESCRIPTION	PART #
BODY CAP	A550010201X



BEARING AND CLIP

DESCRIPTION	SERIES	PART #
REPLACEMENT BEARING & CLIP	ALL SERIES	1000



REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY	550100157
1/2" SHAFT CONVERSION ROD GUIDE ASSEMBLY (SILVER)	550000497
ROD SCRAPER (5 QTY.)	550060065-5
OUTER ROD GUIDE O-RING (5 QTY.)	BR57002-5
INNER SHAFT O-RING (5 QTY.)	550060042-5
INNER TEFLON BACKER (5 QTY.)	550060014-5
PRESSURE TUBE O-RING (5 QTY.)	550060034-5
REPLACEMENT SEALS	157SEALKIT
BLEEDER SCREW WITH O-RING (5 QTY.)	550000658-5



REBUILD TOOLS

DESCRIPTION	PART #
SHOCK HEX BLEEDER WRENCH (NEW STYLE)	700500180
HAND BEARING PRESS	A700500076
PRESSURE TUBE INSTALLER	A700500090
5/8" ROD GUIDE INSTALLER	A700500059
OVERFLOW CUP	550000302
BIG BODY ROD GUIDE WRENCH	550000665
ROD GUIDE INSTALLATION CONE	A700500054
BIG BODY WRENCH HANDLE	700500048
STEEL TWIN TUBE SLEEVE	700500150
SHOCK VISE/MOUNTING STAND	20113
AFCO PREMIUM SHOCK OIL 1 QUART	MT59506
AFCO PREMIUM SHOCK OIL 5 GALLONS	165006
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com

PRESSURE TUBES



DESCRIPTION	PART #
7" PRESSURE TUBE	550010094
9" PRESSURE TUBE	550010096

NON-ADJ. TWIN TUBE REBUILD KITS



DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB

SHOCK EXTENSIONS

DESCRIPTION	PART #
SHOCK EXTENSION - 1"	20180
STEEL BODY SHAFT EXTENSION - 2"	20180-1



PISTONS REPLACEMENT PARTS

46MM LINEAR/DIGRESSIVE VELOCITY DEPENDENT PISTON

551001298

Features include an internal shim stack design for better control, radius dished surface for better sealing and better zero points, and internal fluid passages to eliminate shim sticking, guaranteeing consistent and reliable performance every time.

46MM DIGRESSIVE/DIGRESSIVE VELOCITY DEPENDENT PISTON

551001299

Features include an internal shim stack design for better control, radius dished surface for better sealing and better zero points, and internal fluid passages to eliminate shim sticking, guaranteeing consistent and reliable performance every time.

46MM LINEAR STANDARD PISTON

550000682

AFCO Racing's 46mm Billet 3 Port Linear/6 Port Linear Piston, machined with precision on advanced 5-axis CNC equipment, offers peak performance and consistency. Rigorously tested in-house, it guarantees quality and reliability for demanding conditions.

3 PORT LINEAR PISTON

550001139

AFCO's 46mm Billet 3 Port Linear/3 Port Linear Piston excels in delivering optimal performance by strategically reducing flow to achieve desired damping curves. Each piston is subjected to rigorous deburring and a comprehensive 100% inspection process, ensuring consistent and reliable performance.

46MM LINEAR/DIGRESSIVE PISTON

550000934

AFCO's 46mm Billet 6 Port Linear/Digressive Piston is machined with precision CNC equipment to guarantee top-tier performance. With anodized billet aluminum construction, 100% inspection, and precision deburring, this piston delivers consistent damping curves, featuring high flow rebound for flatter digressive performance.

3 PORT LINEAR/DIGRESSIVE PISTON

550001140

AFCO's 46mm Billet 3 Port Linear/Digressive Piston, meticulously crafted with the latest 5-axis CNC equipment, guarantees peak performance. Featuring anodized billet aluminum construction, precision deburring, and 100% inspection, this piston strategically reduces linear flow to achieve precise and consistent damping curves.



NEW DECOUPLED VDP PISTONS

551001632 - 46mm HI-FREQ VD/LIN

551001633 - 46mm HI-FREQ VD/VD

551001634 - 46mm HI-FREQ LIN/LIN

- Available in Linear and Linear Digressive.
- Makes grip by keeping the tire in contact with the ground easily in race tracks with ripples.
- Takes rigid feel away from the race car.



LINEAR/DIGRESSIVE
VELOCITY DEPENDENT



DIGRESSIVE/DIGRESSIVE
VELOCITY DEPENDENT



LINEAR/DIGRESSIVE



LINEAR/LINEAR



LINEAR-STYLE BASE VALVE



- 46mm piston size is compatible with AFCO 46mm bore monotube shocks.
- Anodized billet aluminum construction.
- Developed, optimized, and tested using an in-house EMA dyno.
- Machined in-house with state-of-the-art 5-axis CNC machinery.
- Developed and manufactured to be repeatable and consistent.
- 100% inspected and precision deburred.
- Linear/Linear or Linear/Digressive piston options.
- Performance matched base valve (85-88 Series).

DESCRIPTION

DESCRIPTION	PART #
46MM BILLET 3 PORT LINEAR/6 PORT LINEAR PISTON	550000682
46MM 3 PORT LINEAR/3 PORT LINEAR	550001139
46MM BILLET 6 PORT LINEAR/DIGRESSIVE PISTON	550000934
46MM 3 PORT LINEAR/DIGRESSIVE	550001140
46MM STEEL BULB BILLET BASE VALVE	550000932
PISTON GUIDE RING (5 PACK)	550060026-5
PISTON GUIDE O-RING (5 PACK)	550060021-5
BASE VALVE O-RING	550060019-5
BASE VALVE PIN	550000931
BASE VALVE NUT(5 PACK)	550000649-5

MONOTUBE PISTONS & ACCESSORIES

Monotube (5/8" & 1/2" Shafts)

DESCRIPTION	PART#
STANDARD MAIN PISTON (QTY. 2)	550010022-2
STANDARD FLOATING PISTON	8000096
SINGLE POPPET PISTON (QTY. 2)	550090086-2
DOUBLE POPPET PISTON (QTY. 2)	550090172-2
DIGRESSIVE SPACER (QTY. 2)	550090031-2
DIGRESSIVE SPACER (QTY. 10)	550090031-10
PISTON / O-RING (QTY. 5)	550060021-5
PISTON / O-RING (QTY. 25)	550060021-25
PISTON / GUIDE RING (QTY. 5)	550060026-5
MAIN PISTON STOP WASHER	550090146-5
MAIN PISTON STOP WASHER	550090146-25
PRECISION SHOCK NUT 1/2"-20	550000291-5

TWIN TUBE PISTONS & ACCESSORIES

Twin Tube (5/8" Shaft)

DESCRIPTION	PART#
STANDARD MAIN PISTON (QTY. 2)	550010031-2
TWIN TUBE POPPET PISTON	100051
TWIN TUBE DOUBLE POPPET PISTON	100052
RESTRICTOR PORT MT PISTON (QTY. 25)	550060012-25
19 SERIES BASE VALVE NUT	A550030109
19 SERIES CHECK SHIM (QTY. 5)	550080171-5
19 SERIES CHECK SHIM (QTY. 25)	550080171-25
SHIM RESTRICTOR 3 HOLE	550090201
SHIM 3 HOLE (QTY. 5)	550080203-5
SHIM 3 HOLE (QTY. 25)	550080203-25
DIGRESSIVE 35 MM SPACER	8000061

UNCUT PISTON BANDS

5 PACK - 55100154046-5
10 PACK - 55100154046-10
25 PACK - 55100154046-25

NEW



- Great for high rebound and compression valving.
- Achieve zero point easier
- More consistent builds.

REBUILD TOOLS

TOOLS & SUPPLIES



#8 SMALL BODY

DESCRIPTION

SMALL BODY BLEEDER

PART #

A700500057



5/64" NEW STYLE HEX

DESCRIPTION

SHOCK HEX BLEEDER WRENCH

PART #

700500180

**DESCRIPTION**

HAND BEARING PRESS

PART #

A700500076

**DESCRIPTION**

5/8" FLOATING PISTON HEIGHT GAUGE

PART #

A700500136

1/2" SHAFT PISTON HEIGHT GAUGE

700500181

**DESCRIPTION**

PRESSURE TUBE INSTALLER

PART #

A700500090

**DESCRIPTION**

BIG BODY ROD GUIDE WRENCH

PART #

550000665

**DESCRIPTION**

SPANNER WRENCH

PART #

20110

**DESCRIPTION**

5/8" ROD GUIDE INSTALLER

PART #

A700500059

1/2" ROD GUIDE INSTALLER

550000281

BIG BODY WRENCH

**DESCRIPTION**

BIG BODY WRENCH HANDLE

PART #

700500048

STEEL MONOTUBE SLEEVE

700500174

STEEL TWIN TUBE SLEEVE

700500150

GAS SHOCK INFLATION GAUGES & TOOLS



550000740



52-50453

DESCRIPTION

70 SERIES GAS SHOCK INFLATION ASSY.

PART #

550000740

IMCA NON-SCHRADER FILL TOOL

5500007402

ELITE DIGITAL SHOCK INFLATION TOOL*

52-50453

*Available at LongacreRacing.com



5500007402

SHOCK VISE AND MOUNTING STAND

**DESCRIPTION**

SHOCK VISE/MOUNTING STAND

PART #

20113

OVERFLOW CUP

DESCRIPTION

OVERFLOW CUP (SB, BB, & QM)

PART #

550000302



PREMIUM SHOCK OIL

For use in all AFCO rebuildable shocks.

DESCRIPTION

1 QUART

PART #

MT59506

5 GALLONS

165006



AFCO SUSPENSION

ULTRA LIGHTWEIGHT BLACK COATED SPRINGS

You asked for it and AFCO delivered! Responding to market demand, now you can run high-quality AFCO springs and still get that "blackened out" look!

- **AFCOIL® Springs featuring a black coating.**
- *Get the performance you are looking for with the tightest tolerances in the industry.*
- *All AFCOILS® are manufactured using ultra-high tensile wire.*
- *AFCO Conventional Springs are guaranteed not to lose more than 2% of free height.*
- *Engineered design resists spring lean and bow.*
- *Best warranty in the industry!*

AFCOIL LIFETIME WARRANTY

VISIT AFCORACING.COM FOR WARRANTY DETAILS.

5-1/2" X 11" FRONT

- '73-'83 Chevelle, Malibu.
- '73-'88 Monte Carlo, Cutlass, Regal, Grand Prix & Others.
- '70-'92 Camaro & Others.
- "Street Stock" - Black finish gives stock appearance.
- 11" tall - spacers not necessary.
- Fits most street stocks that require 5-1/2" springs.
- Rates specifically for racing.



RATE	PART #
700	20700-6
800	20800-6
900	20900-6
1000	21000-6
1100	21100-6
1200	21200-6
1400	21400-6

5" X 9-1/2" FRONT

• '64-'72 Chevelle.	RATE	PART #
• '67-'69 Camaro.	400	20400B
• '68-'74 Nova.	450	20450B
	475	20475B
	500	20500B
	525	20525B
	550	20550B
	600	20600B
	625	20625B
	650	20650B
	750	20750B
	800	20800B
	850	20850B
	950	20950B



5-1/2" X 9-1/2" FRONT

• '73-'88 Monte Carlo, Cutlass, Regal, Grand Prix.	RATE	PART #
• '73-'83 Chevelle, Malibu.	500	20500-1B
• '70-'92 Camaro.	550	20550-1B
• '75-'79 Nova & Others.	600	20600-1B
	650	20650-1B
	700	20700-1B
	750	20750-1B
	800	20800-1B
	850	20850-1B
	900	20900-1B
	950	20950-1B
	1000	21000-1B
	1050	21050-1B
	1100	21100-1B
	1300	21300-1B
	1400	21400-1B



5-1/2" X 12" PIGTAIL REAR

- "Street Stock" - Black finish gives stock appearance.
- Designed for use with intermediate rear suspensions.
- One pigtail end — one flat ground end.
- Use 20191 or 20192 to set ride height.



RATE	PART #
150	25150SS
175	25175SS
200	25200SS
250	25250SS
275	25275SS

5" X 11" REAR

	RATE	PART #
	100	25100B
	125	25125B
	150	25150B
	200	25200B
	225	25225B
	250	25250B
	275	25275B
	300	25300B
	325	25325B



5" X 13" REAR

	RATE	PART #
	125	25125-1B
	150	25150-1B
	175	25175-1B
	200	25200-1B
	225	25225-1B
	250	25250-1B
	275	25275-1B
	300	25300-1B
	325	25325-1B
	375	25375-1B
	400	25400-1B



5" X 16" REAR

	RATE	PART #
	125	25125-2B
	150	25150-2B
	175	25175-2B
	200	25200-2B
	225	25225-2B
	250	25250-2B

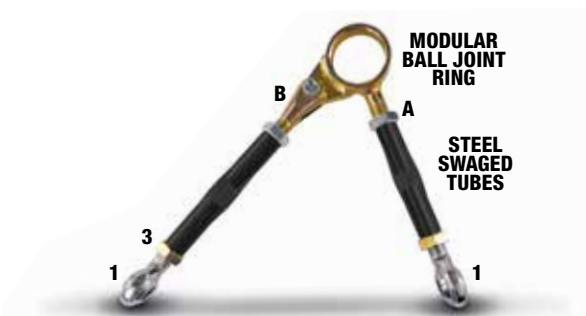


CONTROL ARM COMPONENTS

MODULAR CONTROL ARM COMPONENTS

- Stud made from high-quality steel.
- Tight tolerance ensures correct ball joint fit.
- Stud can be either front or rear.

MODULAR CONTROL ARM COMPONENTS		PART #
A) RH JAM NUT	5/8"	10142
B) HOLE CLEVIS	5/8" - 18" X 3/8" O.D. 5/8" THREAD	10490



STEEL SWAGED TUBES		PART #
4" STEEL SWAGED TUBE	7/8" O.D. 5/8" THREAD	5804

SPRING RUBBER

Spring rate can change depending on the thickness of the rubber, the location of the rubber, and the type of spring being used. Use with coil springs to increase effective spring rates. Make fast & easy spring rate changes!

- Comes in 7/8" and 3/4" thickness.
- Will fit any brand of 2-1/2" or 2-5/8" coil-over springs, including barrel springs and conventional springs.



DESCRIPTION	PART #
COIL-OVER SPRING RUBBER 3/4"	20185
COIL-OVER SPRING RUBBER 1"	20185-1
SPRING RUBBER FOR 5" OR 5-1/2" CONVENTIONAL COIL	20186

COIL SPRING BUCKET

Installs in frame so racing springs and weight jacks can be used.

- Uses standard weight jacks.
- Works with any 1-1/8" SAE jack bolt.



DESCRIPTION	PART #
BUCKET - 1" COURSE	20190C

COIL SPRING SPACER

Just trim to set wedge and ride height in car.

- For 5" or 5-1/2" springs.
- Welds into spring pocket.
- I.D. open for stock mount racing shock installation.



DESCRIPTION	PART #
COIL SPRING SPACER	20192

ADJUSTABLE COIL SPRING SPACER

Allows 2" range of height adjustment when fitting 5" or 5-1/2" springs into stock stub cars.

- Use collar to adjust ride height and wedge.
- ACME threads for high strength.
- Trim sleeve for initial fit then weld.



20187



20191

DESCRIPTION	PART #
ADJUSTABLE SPACER SHORT	20187
ADJUSTABLE SPACER TALL	20191

WEIGHT JACK

Made for use in conventional spring-type cars using 1" coarse weight jacks.

DESCRIPTION	PART #
PLATE (PLATE WELDS INTO STOCK FRAME)	20193
8" BOLT	20194-8D
11" BOLT	20194-11D



Plate

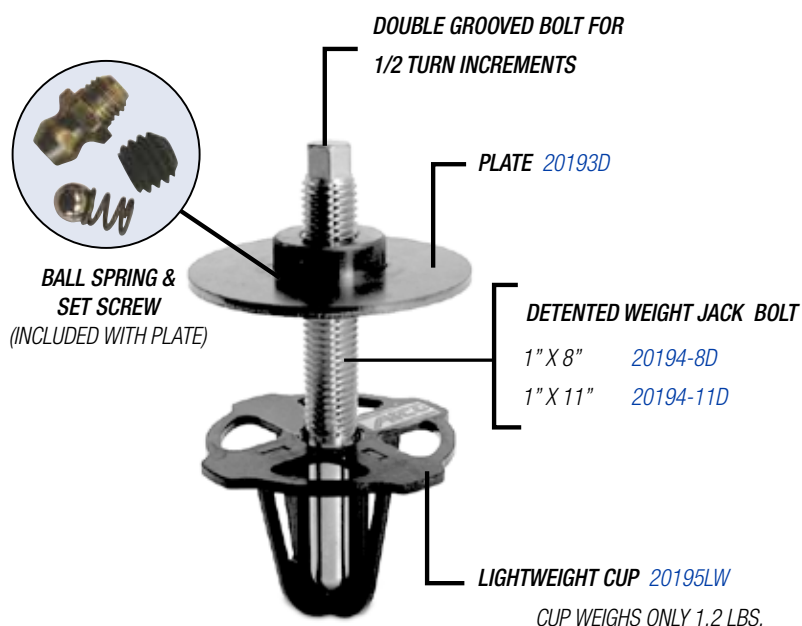
SPRING ACCESSORIES

DETENTED LIGHTWEIGHT WEIGHT JACK SYSTEM

AFCO's new Detented Weight Jack System eliminates the need for a jam nut, which allows for fast wedge adjustments on a pit stop or during chassis set up. The stainless-steel ball and spring lock the plate from turning under race conditions to prevent unwanted chassis changes on the track. Ideal for cars that have little or no room around the weight jack bolt. The special ball-ended jack bolt and its accommodating cupped spring plate seat helps to eliminate spring-to-jack bolt misalignment and spring binding during normal suspension travel.

- **Faster adjustments!**
- Black powder coated finish.
- Integral pivot for improved spring alignment during suspension travel.

DESCRIPTION	WEIGHT	PART #
LIGHTWEIGHT JACK BOLT 8" LENGTH	1.5 LBS.	20194-8D
LIGHTWEIGHT JACK BOLT 11" LENGTH	2 LBS.	20194-11D



COMPONENTS SOLD SEPARATELY.

ELITEPRO WIRELESS SCALE SYSTEM



ELITE PRO

SCALES

&

ELITE

SCALES



SCAN HERE
TO LEARN
MORE!

ELITE WIRED SCALE SYSTEM



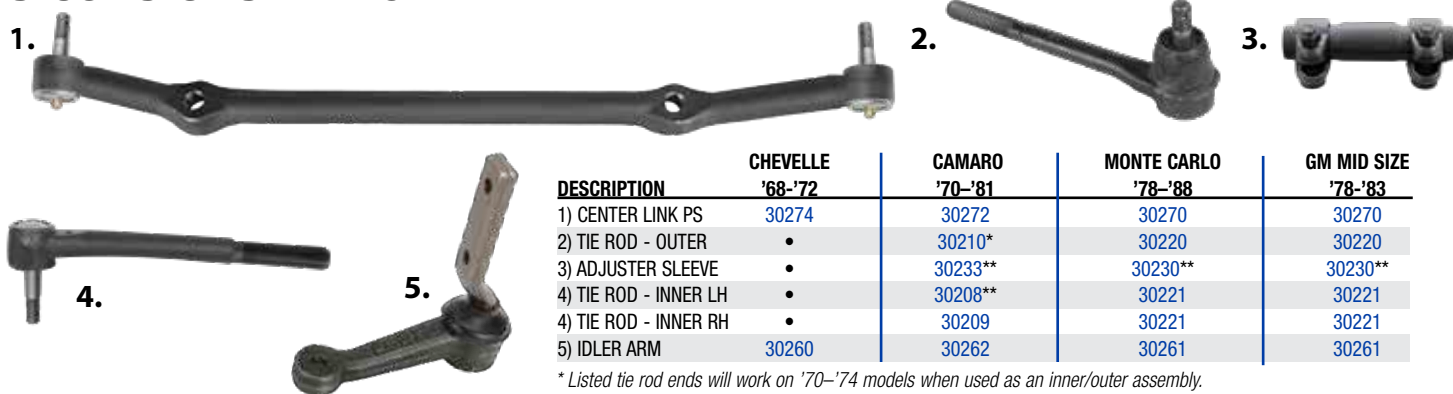
Longacre[®] CONNECT

Taking measurements has never been more efficient and convenient. With the new and improved Longacre Connect app for Android and iOS, you can experience hassle-free measurements with extended Bluetooth connectivity!

Our internal bridged pad design ensures precise readings by eliminating pad flex, providing accurate measurements even with off-centered loads.

STEERING COMPONENTS

STOCK STUB STEERING



	CHEVELLE '68-'72	CAMARO '70-'81	MONTE CARLO '78-'88	GM MID SIZE '78-'83
DESCRIPTION				
1) CENTER LINK PS	30274	30272	30270	30270
2) TIE ROD - OUTER	•	30210*	30220	30220
3) ADJUSTER SLEEVE	•	30233**	30230**	30230**
4) TIE ROD - INNER LH	•	30208**	30221	30221
4) TIE ROD - INNER RH	•	30209	30221	30221
5) IDLER ARM	30260	30262	30261	30261

* Listed tie rod ends will work on '70-'74 models when used as an inner/outer assembly.

** Adjuster sleeve must be shortened for proper front-end alignment.

AFCO CENTER LINK

IMPROVE YOUR GM METRIC SUSPENSION GEOMETRY WITH AN AFCO CENTER LINK!

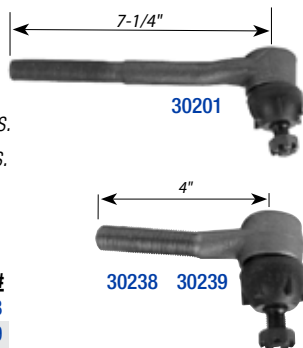


Relocates the inner tie rod end to shorten both tie rod assemblies, which improves steering geometry by reducing the excessive toe out that is common to GM metric chassis during normal suspension travel (bump steer).

DESCRIPTION	PART #
CENTER LINK - FITS MONTE CARLO '78-'88 & GM MID SIZE '78-'83	30271*
* Fits '78-'88 metric cars only.	

INNER TIE ROD ENDS

- Most popular tie rod end; fits most rack & pinion cars.
- Same taper as 30201; fits most rack and pinion cars.
- 5/8" threaded.
- Used in AFCO tie rod assembly.



APPLICATION	PART#
4" LENGTH 5/8" RH THREADED	30238
4" LENGTH 5/8" LH THREADED	30239

GM TIE ROD ENDS

- 3/4" threaded.
- High-quality.
- Replaces ES150.
- 9/16-18 RH Thread pitch for stud.



APPLICATION	PART#
LH THREADS	30211
RH THREADS	30212

HYBRID CALIPER BRACKET

Adapts stock '74-'80 Pinto/Mustang II spindle to small GM caliper w/ AFCO Brake Hybrid Rotor.

BRACKET DESCRIPTION	THREAD	THICKNESS	PART #
GM METRIC LH-PINTO SPINDLE, HYBRID ROTOR	7/16" FINE	1/4"	40122PL
GM METRIC RH-PINTO SPINDLE, HYBRID ROTOR	7/16" FINE	1/4"	40122PR



PINTO/MUSTANG II SPINDLES

- NEW forged spindles - not reworked O.E.M.
- Brake brackets sold separately.

IMCA APPROVED PINTO/MUSTANG II SPINDLES (IMCA FORGED ON SPINDLE)

	PART #
IMCA APPROVED PINTO/MUSTANG II SPINDLE - LEFT	30435L
IMCA APPROVED PINTO/MUSTANG II SPINDLE - RIGHT	30435R

30435L &
30435R
(Sold Individually)



3-PIECE METRIC & "PINTO STYLE" SPINDLE

The 3-piece 1979-Up GM metric spindle is a re-creation of an OEM spec spindle in a newly forged, heat-treated steel design that is both stronger and lighter than the original. The unique three-piece construction provides for fast, convenient, and affordable replacement of individual components in the event of a crash. These spindles are IMCA, USMTS, and USRA approved. Works great with our 1979-Up GM metric front brake rotors, bearings, calipers, etc.

3-PIECE SPINDLES	PART #
METRIC 3-PIECE SPINDLE KIT - LEFT SIDE	34501-L
METRIC 3-PIECE SPINDLE KIT - RIGHT SIDE	34501-R
REPLACEMENT METRIC STEERING ARM LEFT	34503-L
REPLACEMENT METRIC STEERING ARM RIGHT	34503-R
SHORT ARM PINTO STYLE KIT - LEFT SIDE	34511-L
SHORT ARM PINTO STYLE KIT - RIGHT SIDE	34511-R
REPLACEMENT PINTO STYLE STEERING ARM LEFT	34513-L
REPLACEMENT PINTO STYLE STEERING ARM RIGHT	34513-R
BOLT KIT (FITS METRIC & PINTO STYLE)	34505
REPLACEMENT LEFT CALIPER BRACKET (FITS METRIC & PINTO STYLE)	34504-L
REPLACEMENT RIGHT CALIPER BRACKET (FITS METRIC & PINTO STYLE)	34504-R

The "Short Arm Pinto Style" spindle is an adaptation of the above 3-piece metric spindle. It fits the '79-Up metric hub, calipers, and the extended 20038-1 (K6117) lower ball joint. Upper ball joint boss is reamed to 7° to accept the popular 20034 (K772) screw-in ball joint. Steering arm is Pinto length and lowered to help correct bump steer.

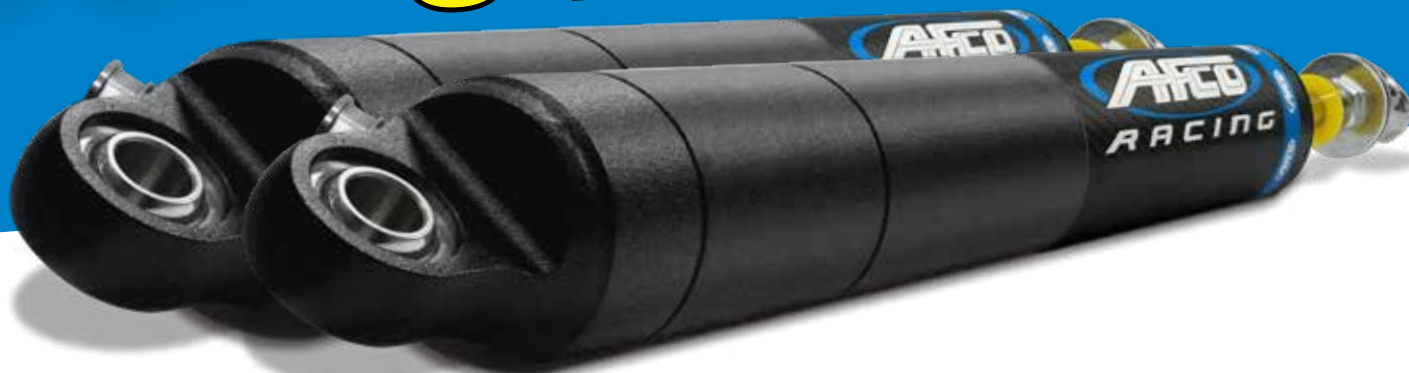
- Forged, heat-treated steel.
- Metric is a direct replacement for factory spindle.
- Three-piece design for quick, easy replacement.
- Replacement parts sold separately.



94 SERIES



SCAN HERE
TO LEARN
MORE OR
SHOP ONLINE



AFCO LOW FRICTION BALL JOINTS

- Improves weight transfer.
- Frees up suspension for more consistent, repeatable chassis tuning.
- Precision-machined to tight tolerances, providing consistent resistance throughout the travel of the ball joint, to deliver consistent performance.
- Road inputs are controlled more effectively by the shock and spring instead of the tire, which improves traction.

- Removes suspension bind and allows shock & spring to have more precise wheel control.
- Meets or exceeds standard ball joint strength.
- Provides more accurate setups during vehicle scaling.
- Lower input steering efforts and faster steering wheel return.
- Extended lengths will raise roll center and improve camber curves.



TAKE-A-PART LOW FRICTION BALL JOINTS

- Take-a-part design.
- Low friction design.
- Multiple pin lengths and tapers available.
- No special tools required to assemble or disassemble.
- IMCA legal.
- Simple 3-piece design.

INTERCHANGE NUMBER*	TAKE-A-PART LOW FRICTION	TAKE-A-PART LOW FRICTION + 0.5"	TAKE-A-PART LOW FRICTION + 1.0"
K772	21034	21534	21134
K727	21036	21536	21136
K6141	-	21538	-
K6117	-	215381	-
K6145	-	21539	21139

*Interchange number used by other manufacturers.

SEALED LOW FRICTION BALL JOINTS

AFCO's low friction ball joints are designed with 2 ft. lbs. of resistance, the force required to move the stud of the ball joint. Compare this with standard replacement joints, with as high as 50 ft. lbs. of resistance.

- **Only 2 ft. lbs. of resistance and less bind = lower lap times.**
- Stock appearing.

LOWER BALL JOINTS



UPPER BALL JOINTS



STYLE	BODY	PIN	PART #
4-BOLT UPPER	FITS MOST FABRICATED UPPER ARMS	POPULAR FOR FABRICATED SPINDLE	20031LF
4-BOLT UPPER	'73-'88 CHEVELLE AND OTHERS	COMMON STOCK REPLACEMENT	20032LF
4-BOLT UPPER	SAME AS 20032	SAME AS 20032, BUT +1/2" LONGER	20032-2LF
4-BOLT UPPER	FITS MOST FABRICATED UPPER ARMS	POPULAR EXTENDED FOR STOCK SPINDLE*	20032-1LF
SCREW IN UPPER/LOWER	SMALL CHRYSLER STYLE (1.83" AT THREAD) FITS MOST TUBULAR UPPERS	FITS MOST FABRICATED SPINDLES	20034LF
SCREW IN UPPER/LOWER	SMALL CHRYSLER STYLE (1.83" AT THREAD) FITS MOST TUBULAR UPPERS	SAME AS 20034LF, BUT +1/2" LONGER	20034-2LF
PRESS IN LOWER	'64-'72 CHEVELLE, '67-'69 CAMARO AND OTHERS	'64-'72 CHEVELLE, '67-'69 CAMARO	20033LF
PRESS IN LOWER	'73-'88 CHEVELLE, '70-'02 CAMARO AND OTHERS	'73-'88 CHEVELLE, '70-'02 CAMARO AND OTHERS	20039LF
PRESS IN LOWER	WELDS INTO MOST STOCK LOWERS 1.98 PRESS IN DIMENSION	POPULAR LONG STUD DESIGN FOR RAISED ROLL CENTER WITH STOCK SPINDLE**	20038-1LF

*Spindle may need reamed.

**Spindle must be reamed.

STANDARD BALL JOINTS

Not all ball joints are created equal. That's why we choose the best components from the top U.S. manufacturers. There are many different design characteristics and manufacturing processes that account for the quality and performance of ball joints. We choose the best to give you the AFCO Advantage.

BALL JOINT CROSS REFERENCE GUIDE

AFCO PART #	INTERCHANGE #	TYPE
20031	K6024	BOLT-IN
20032	K5208	BOLT-IN
20032-1	K3136	BOLT-IN
20033	K5103	PRESS-IN
20034	K772	SCREW-IN
20034-1	N/A	SCREW-IN
20035	K719	SCREW-IN
20036	K727	SCREW-IN
20037	K5108	BOLT-IN
20038	K6141	PRESS-IN
20038-1	K6117	PRESS-IN
20039	K6145	PRESS-IN

LOWER BALL JOINTS



UPPER BALL JOINTS



APPLICATION GUIDES

APPLICATION	UPPER			LOWER			APPLICATION	UPPER			LOWER		
	INT#*	STANDARD	LOW FRICTION	INT#*	STANDARD	LOW FRICTION		INT#*	STANDARD	LOW FRICTION	INT#*	STANDARD	LOW FRICTION
'82-'02 S-10 -2WD, BLAZER -2WD	K5208	20032	20032LF	K6145	20039	20039LF	'73-'88 CUTLASS	K5208	20032	20032LF	K6145	20039	20039LF
'93-'02 CAMARO, FIREBIRD, TRANS AM	N/A	N/A	N/A	K6145	20039	20039LF	'64-'72 CUTLASS	K5108	20037	-	K5103	20033	20033LF
'82-'92 CAMARO, FIREBIRD, TRANS AM	N/A	N/A	N/A	K6145	20039	20039LF	'73-'87 REGAL	K5208	20032	20032LF	K6145	20039	20039LF
'70-'81 CAMARO FIREBIRD, TRANS AM	K5208	20032	20032LF	K6145	20039	20039LF	'73-'88 GRAND PRIX	K5208	20032	20032LF	K6145	20039	20039LF
'67-'69 CAMARO FIREBIRD, TRANS AM	K5108	20037	-	K5103	20033	20033LF	'73-'82 LEMANS GT0	K5208	20032	20032LF	K6145	20039	20039LF
'70-'72 MONTE CARLO	K5108	20037	-	K5103	20033	20033LF	'64-'72 LEMANS GT0	K5108	20037	-	K5103	20033	20033LF
'73-'88 MONTE CARLO	K5208	20032	20032LF	K6145	20039	20039LF	'71-'76 CAPRICE**	K5208	20032	20032LF	K6141	20038	N/A
'64-'72 CHEVELLE EL CAMINO	K5108	20037	-	K5103	20033	20033LF	'77-'94 CAPRICE**	K5208	20032	20032LF	K6145	20039	20039LF
'73-'88 CHEVELLE EL CAMINO	K5208	20032	20032LF	K6145	20039	20039LF	'94-'96 IMPALA SS	K5208	20032	20032LF	K6145	20039	20039LF
'78-'83 MALIBU	K5208	20032	20032LF	K6145	20039	20039LF	'75-'79 NOVA	K5208	20032	20032LF	K6145	20039	20039LF
							'68-'74 NOVA	K5108	20037	-	K5103	20033	20033LF

*INTERCHANGE NUMBER USED BY OTHER MANUFACTURERS. **ALSO FITS IMPALA, BELAIR, BISCAYNE EXC WAGON.

UPPER BALL JOINTS APPLICATION

FITS AFCO CONTROL ARM

SAME BOLT PATTERN AS 20031; LONGER STUD USED TO RAISE THE ROLL CENTER

SAME BOLT PATTERN AS 20032; LONGER STUD USED TO RAISE THE ROLL CENTER

SMALL SCREW IN; 1.83" BODY AT THREAD; USED IN UPPER & LOWER AFTERMARKET CONTROL ARMS; FITS PINTO TAPER

SAME AS 20034 EXCEPT .200" LONGER STUD USED TO RAISE THE ROLL CENTER

LOWER BALL JOINTS APPLICATION

SMALL SCREW IN; 1.83" BODY AT THREAD; USED IN UPPER & LOWER AFTERMARKET CONTROL ARMS; FITS PINTO TAPER

SAME BODY AS 20034 EXCEPT LARGER STUD

LARGE SCREW IN; 2.00" BODY AT THREAD

POPULAR RACING DESIGN; PRESS-IN DIMENSION: 2.180"

POPULAR RACING DESIGN WITH LONGER STUD TO RAISE ROLL CENTER; PRESS-IN DIMENSION: 1.980"

*Interchange number used by other manufacturers.

INT#*	STANDARD	LOW FRIC.
K6024	20031	20031LF
K3136	20032-1	20032-1LF
•	•	20032-2LF
K772	20034	20034LF
N/A	20034-1	•
INT#*	STANDARD	LOW FRIC.
K772	20034	20034LF
K719	20035	•
K727	20036	•
K6141	20038	•
K6117	20038-1	20038-1LF

CONTROL ARM BUSHINGS

LIGHTWEIGHT LOWER ARM BUSHINGS

AFCO's precision-machined steel replacement bushings offer dramatic reductions in friction when compared to rubber or urethane-style bushings. By nearly eliminating drag on suspension movement, your shock and springs will work more effectively to keep your tires stuck to the track.



- **Near zero-drag bushings!**

- Inner sleeve allows bolt to be tightened without crushing or binding.
- Dimensions allow direct replacement of the standard bushing.
- Dramatically frees up front suspension.

LIGHTWEIGHT LOWER ARM BUSHING DIMENSIONS

PART #	DIAMETER	LENGTH	LBS.
20069LW	1.40"	2.94"	0.625
20075LW	1.40"	2.39"	0.625
20076LW	1.65"	2.39"	0.625
20077LW	1.90"	2.39"	0.750

SERVICE PARTS: FOR NYLON SLEEVE, ADD -B TO PART NUMBER, (20075LW-B). FOR INNER SLEEVE, ADD -C TO PART NUMBER, (20075LW-C).

STANDARD STEEL ARM BUSHINGS



- **Near zero-drag bushings!**

- Dimensions allow direct replacement of the standard bushing.
- Dramatically frees up front suspension.

STANDARD LOWER ARM BUSHING DIMENSIONS

PART #	DIAMETER	LENGTH	LBS.
20069	1.40"	2.94"	1.250
20075	1.40"	2.39"	1.250
20076	1.65"	2.39"	1.250
20077	1.90"	2.39"	1.750

STANDARD UPPER ARM BUSHING DIMENSIONS

PART #	DIAMETER	LENGTH
20079	1.53"	1.84"
20099	1.31"	1.79"

NOTE: DUE TO PRODUCTION TOLERANCE VARIANCE IN ORIGINAL EQUIPMENT PARTS, STEEL BUSHINGS NEED TO BE TACK-WELDED INTO THE CONTROL ARM.



**SCAN HERE TO
WATCH OUR VIDEO ON
TAKE-A-PART
BALL JOINTS**



**SCAN HERE TO SHOP
AFCO'S BALL JOINT
PRODUCTS ONLINE**

TOM BERRY JR.



APPLICATION GUIDE

LOWER ARM BUSHINGS

DESCRIPTION	STANDARD		LIGHTWEIGHT	
	FRONT	REAR	FRONT	REAR
'78-'88 MONTE CARLO/MALIBU/CHEVELLE/REGAL	20069	20076	20069LW*	20076LW*
'75-'77 MONTE CARLO/MALIBU/CHEVELLE/REGAL	20076	20077	-	-
'73-'74 MONTE CARLO/MALIBU/CHEVELLE/REGAL	20075	20077	20075LW	-
'67-'72 RB MONTE CARLO/MALIBU/CHEVELLE/REGAL	20075	20076	20075LW	20076LW
'78-'87 CUTLASS/GRAND PRIX	20069	20076	20069LW*	20076LW*
'73-'77 CUTLASS/GRAND PRIX	20076	20077	-	-
'69-'72 CUTLASS/GRAND PRIX	20075	20075	20075LW	20075LW**
'71-'96 CAPRICE/IMPALA	20076	20077	-	-
'73-'79 CAMARO, FIREBIRD-T/A	20076	20077	-	-
'67-'72 CAMARO, FIREBIRD-T/A	20075	20076	20075LW	20076LW
'75-'79 NOVA	20076	20077	-	-
'68-'74 NOVA	20075	20076	20075LW	20076LW

* Lower A-arm Mounts must be drilled 1/2". Use 1/2" mounting bolt.

** Some modification may be necessary.

UPPER ARM BUSHINGS

DESCRIPTION	FRONT	REAR
'78-'88 MONTE CARLO	20079	20079
'74-'77 MONTE CARLO*	-	20099
1973 MONTE CARLO*	20099	20099
'67-'72 MONTE CARLO*	20078	20078
'74-'79 CAPRICE/IMPALA	-	20099
'71-'73 CAPRICE/IMPALA	20099	20099
'71-'79 CAMARO	-	20099
'67-'69 CAMARO	20078	20078
'75-'79 FIREBIRD-T/A	-	20099
'70-'74 FIREBIRD-T/A	20099	20099
'67-'69 FIREBIRD-T/A	20078	20078
'75-'79 NOVA	-	20099
'68-'74 NOVA	20078	20078

* Also fits Malibu, Chevelle, Regal, Cutlass, & Grand Prix.

EACH SOLD SEPARATELY.

REAR CONTROL ARM BUSHING WITH SPHERICAL BUSHING

These steel rear control arm bushings have spherical bearings in them just like a rod end, which frees up suspension movements and eliminates binding. Fits '73-'88 GM mid-size rear control arms. Sold individually.



DESCRIPTION	PART #
REAR CONTROL ARM BUSHINGS (1 PCS)	20095

OFFSET REAR CONTROL ARM BUSHINGS

These polyurethane bushings have the center hole offset 1/4" to allow you to compensate for wheel or pinion angle issues. Fits '65-'88 GM mid-size rear control arms. Sold per pair.



DESCRIPTION	PART #
OFFSET REAR CONTROL ARM BUSHINGS (2 PCS)	20090

BALL JOINT SLEEVES

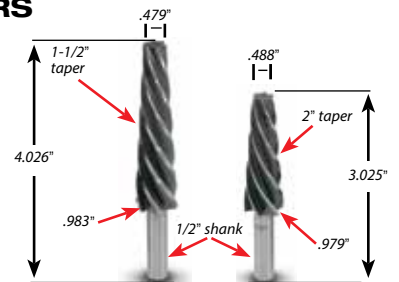
- 1.0" Small threaded ball joint sleeve for 20034 & 20035.
- 1.830" I.D. and 2.250" O.D.
- 0.35 lb.



DESCRIPTION	I.D.	O.D.	HEIGHT	WEIGHT	PART #
SMALL THREADED FOR 20034, 20035	1.830"	2.250"	1.00"	.35 LB.	20043

TAPER REAMERS

- Manufactured from superior-quality high-speed tool steel.
- Six flute spiral design allows smooth boring operation & minimizes tool wear.
- Two designs to cover most popular racing applications.



DESCRIPTION	APPLICATION	PART #
1-1/2", 7° TAPER (PER FT.)	20031, 33, 34, 35, 36 BALL JOINTS	80770
2", 10° TAPER (PER FT.)	20032, 32-1, 32-2, 38, 38-1, 39 BALL JOINTS	80771

LEAF SPRINGS

REINFORCED FRONT SEGMENT LEAF SPRINGS

The new AFCO reinforced front segment springs have proven to provide considerable increases to forward bite when used on race cars equipped with conventional-type leaf springs.

New secondary leaf design means:

- Quicker throttle response.
- Improved forward bite.
- Improved durability of leaf spring.
- Reduces wheelbase variations during braking and acceleration to improve overall handling consistency.
- 10 - 15% stiffer front segment.

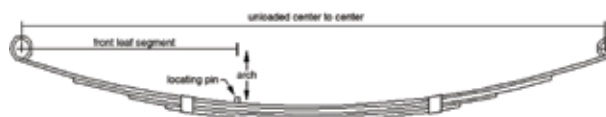


DESCRIPTION	CAR WT.	ACT. ARCH	NOM. RATE	PART #
CAMARO TYPE	25-3000#	6-3/8"	176	20228RF
CAMARO TYPE	30-3400#	6-3/8"	205	20228HDF

LEAF SPRING DIMENSIONS CHART

DESCRIPTION	WIDTH	FRONT SEGMENT	EYE TO EYE LENGTH	EYE ID FRONT	EYE ID REAR
CAMARO TYPE	2-1/2"	24-3/4"	54"	2"	1-5/8"
CHRYSLER TYPE	2-1/2"	20-1/2"	52-7/8"	1-1/2"	1"

To accurately check for arch measurement, lay spring on side and pull a straight line from center of front eye to center of rear eye. Measure from line to top leaf at the locating pin.

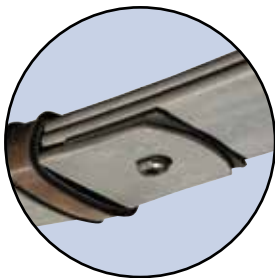


AFCO MULTILEAF SPRINGS

Racers using multileaf springs realize the importance of accurate arch, load capacity, and durability. AFCO Leaf Springs are the highest quality racing springs available and give you features not available in any other leaf spring.

- Lightweight IMCA Modifieds to heavy stock cars, AFCO has the correct springs.
- Our chrome-vanadium alloy spring steel material is superior to others and provides consistent rates over a longer life span.
- Teflon rub blocks between leaves reduces friction and maintains consistency of rate.

- Tapered leaves reduce stress by 30-40% and prevent loss of arch.
- Shot-peened after arching to reduce tensile stress provides 3 - 5 times more service life to the spring.
- Chrysler or Camaro style.
- Front bushing included.



DESCRIPTION	CAR WT.	ACT. ARCH	NOM. RATE	PART #
CAMARO TYPE	23-2600#	6-3/8"	153	20228LW
CAMARO TYPE	25-3000#	6-3/8"	176	20228
CAMARO TYPE	30-3400#	6-3/8"	205	20228HD
CAMARO TYPE	30-3400#	6-3/8"	238	20228XHD

LEAF SPRING ACCESSORIES

SHACKLE PLATES

- Steel or aluminum.
- 2 required per spring.
- Fits late models and modifieds.
- 5/16" anodized aluminum or 1/4" plated steel.



DESCRIPTION	PART #
5/16" PLATED PLATE STEEL (1)	20281

LEAF SPRING SLIDER

- Frees up car during suspension movement.
- Pre-drilled holes for bolt-on applications.
- Roller bearing design prevents binding.
- Use in place of shackles.
- Designed for Chrysler-type springs.



For 2-1/2" wide leaf

DESCRIPTION	PART #
LEAF SPRING SLIDER (CAMARO)	200036

LOWER SPRING PLATES

- Fits 2-1/2" leaf springs.
- Heavy-duty steel construction.
- Can be used with coil-over shocks.



DESCRIPTION	PART #
LEAF SPRING PLATE LH (STEEL)	20249
LEAF SPRING PLATE RH (STEEL)	20250

UNIVERSAL FRONT SPRING MOUNT

- Universal design for new chassis or updating older chassis to leaf spring suspension.
- Fits Chrysler-type leafs.



DESCRIPTION	PART #
MOUNT	50200

WELD-ON LEAF SPRING PADS

Works with all 2-1/2" wide leaf springs.



DESCRIPTION	PART #
PAD (1) - FOR 3" AXLE TUBE	20232

U-BOLTS

- 4" threads.
- Fits all 3" axle tubes.
- Plated for added protection.
- Includes tall nuts for added safety.



DESCRIPTION	PART #
8"	20238

ALUMINUM LOWERING BLOCKS



DESCRIPTION	PART #
1/2" BLOCK	20244
3/4" BLOCK	20245
1" BLOCK	20246
1-1/2" BLOCK	20247
2" BLOCK	20248
3" BLOCK	20243
ADJUSTABLE LOWERING BLOCK 1-1/2"	20270

SHACKLE BOLT KIT

- Eliminates need for rubber bushings in Chrysler rear spring eye.
- Prevents binding and eases leaf spring maintenance. 1" O.D. bushing.



DESCRIPTION	PART #
BOLT KIT	20235-2
SHOULDER BOLT	20235-3
BUSHING	20235-4

AFCO STEERING

POWER STEERING FLUID COOLER

- Complete with -6 AN fittings.
- Mounts on two 1/4" bolts or with standard tie wraps.
- Mounts in return line to tank.
- Lowers fluid up to 30°.
- 14-3/4" total length with fittings.



DESCRIPTION	PART #
POWER STEERING FLUID COOLER	37600

GM POWER STEERING FITTINGS



37122
37123

37124
37125

37130

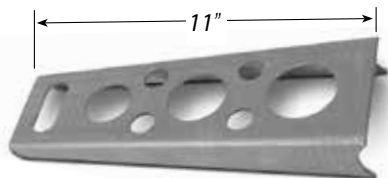
'80 & UP GM BOX CONVERSION TO RACING HOSE KIT (O-RING TYPE)	PART #
SMALL M16 X 1.5 (RETURN)	37122
LARGE M18 X 1.5 (PRESSURE)	37123

UP TO '79 (FLARE TYPE)	PART #
SMALL 5/8" - 18 (RETURN)	37124
LARGE 1 1/16" - 16 (PRESSURE)	37125

AFCO / TC STYLE PUMP FITTINGS (O-RING TYPE)	PART #
OUTLET (PRESSURE)	37130

STEERING SHAFT MOUNT

This 12-gauge steel mount is sturdy and lightweight. Slot allows use of 3/4" rod end.



DESCRIPTION	PART #
STEERING SHAFT MOUNT	30380
3/4" RH JAM NUT	10140

STEERING SUPPORT BEARINGS

Self-aligning bearing can be installed in firewall or mid-plate to support steering shaft.



DESCRIPTION	PART #
SHAFT BEARING (.757" BORE)	30321

COLLAPSIBLE STEERING COLUMN

- 22-1/2" to 32" column measured from the end of the shaft to the base of the quick release hub.
- Quick-release hub adds 2" to the overall length.
- O.D. of the main body is 1.125" & O.D. of the bottom shaft is .750" and 20 spline.
- Splined end accepts a variety of U-joint for attachment to your steering shaft or gear.



LENGTH	DESCRIPTION	PART #
22.5"-32"	SLIDING STEERING COLUMN	37304

ADJUSTABLE THROTTLE PEDAL

We've re-engineered one of the most fundamental components of the race car to provide greater precision, improved comfort, and more driver control than ever. Fully sealed bearings, double splined shaft, and adjustable angle on the throttle lever means secure adjustability in a maintenance-free package.

DESCRIPTION	PART #
ADJUSTABLE THROTTLE PEDAL	40292
ADJUSTABLE THROTTLE PEDAL FOR 15° ANGLE	40294

REPLACEMENT PARTS

DESCRIPTION	PART #
CASTING GAS PEDAL HUB	A480030001X
CASTING GAS PEDAL SHORT ARM	A480030002X
CASTING GAS PEDAL LONG ARM	A480030003X
GAS PEDAL SHAFT	A480030004X
GAS PEDAL PIN ANODIZED - BLACK	A480030005X
GAS PEDAL ROLLER	A480030006X
GAS PEDAL SPACER LONG - BLACK	A480030008X-1
GAS PEDAL THREAD ROD	A480030010X
GAS PEDAL BEARING	A901040001X
SCHS 1/4-20.75 CLEAR ZINC	A901060011X
SCHS 1/4-20 X 4.5 CLEAR ZINC	A901060012X
EXT. SNAP RING - .5 YELLOW ZINC	A901080001X
EXT. SNAP RING - .75 YELLOW ZINC	A901080002X

- **Greater precision, improved comfort & more driver control.**
- Provides better feel for smoother operation.
- Mounting instructions and tuning guide included.
- Double-splined shaft.
- Fully sealed bearings.
- Durable anodized finish.



THROTTLE ROD & KITS



10480S



10171



10174

LENGTH	ASSY RANGE	KIT	ROD ONLY
18"	19-1/8" - 19-7/8"	10175-18	10176-18
21"	22-1/8" - 22-7/8"	10175-21	10176-21
24"	25-1/8" - 25-7/8"	10175-24	10176-24

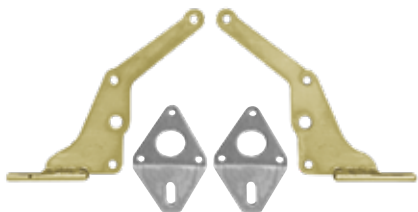
COMPONENTS	PART#
1/4" RH THREADED THROTTLE ROD ENDS MALE	10480S
1/4" RH THREADED THROTTLE ROD ENDS FEMALE	10482S
BUSHING KIT WITH RH THREADED MALE ROD END	10170
BUSHING KIT WITH RH THREADED FEMALE ROD END	10171
CARBURETOR BUSHINGS (PAIR)	10174



- 1/4" plated steel rod.
- Kit includes: carb bushings, rod ends, jam nuts, & rod.

NOTE: Extra-long thread allows for more adjustment.

FRONT AND REAR CHEVY ENGINE MOUNTS



DESCRIPTION	PART #
STEEL FRONT (PAIR)	80651
STEEL REAR (PAIR)	80652

FORD ENGINE MOUNTS (SMALL BLOCK)

- Sold as pair.
- Powder coated.



DESCRIPTION	PART #
FRONT (PAIR)	80659

WELD-IN BATTERY BOX

- Lightweight steel construction.
- 9-1/2" or 11" size.
- 5/16" side bolts pivot to accommodate different battery sizes.



DESCRIPTION	PART #
BATTERY BOX (11")	50301

SURE SEAL AIR CLEANER HOUSING

- Spun aluminum.
- Fits Holley.
- Housing to carb O-ring seal.
- 14" diameter filter.
- Housing assembly weighs 2.1 lbs.



DESCRIPTION	PART #
SURE SEAL HOUSING KIT (INCLUDES TOP & BOTTOM)	80550
TOP- SURE SEAL HOUSING	80550X
BOTTOM - SURE SEAL HOUSING WITH O-RING ASSY.	80550X-3

LUDWIG CLAMPS

- Secures hinged lids, panels, etc.
- Held in place by a single rivet.



DESCRIPTION	PART #
LUDWIG CLAMPS 100	50403

BOLT-IN BATTERY BOX

- Holds 10-3/4" x 7" battery.
- Lightweight steel.
- Includes 3/8" bolts.



DESCRIPTION	PART #
BOLT-IN BATTERY BOX	50303

81 SERIES STOCK MOUNT

SOUTHERN SPORT MOD
STREET STOCK
HOBBY STOCK

SEE PAGE 54
FOR DETAILS OR
SCAN HERE
TO LEARN MORE



STREET STOCK • HOBBY STOCK • SOUTHERN SPORT MOD



Up-to-date pricing available at AFCOracing.com

AFCO BRAKES

CALIPERS

F44 ALUMINUM METRIC CALIPER

- The **LIGHTEST** Metric Caliper on the market!
- 20% stiffer than cast! Forged construction with extra-large crossbolts gives less flex, better pedal feel, less brake fade, and less pad taper than the competition.
- Comes with 2 one-piece bleeders - fits left or right side of chassis.
- Does not require a pad spacer.
- 2-1/2" bore piston.
- 1/8" NPT inlet fluid port.
- Stainless guide plates.
- Low drag seals.

**Reduces Unsprung Weight
By 15 lbs. Over Stock!**

USMTS, UMP Approved



5.5" MOUNTING LUGS



DESCRIPTION

PART

2-1/2" BORE - ALUMINUM METRIC CALIPER	6630510
REBUILD KIT, 2" METRIC ALUMINUM	6690310
2-1/2" F44 SEAL	6690334
2" SEAL	55000018905

STEEL PAD SPACERS FOR AFCO 6630310

DESCRIPTION

PART

2" BORE - STEEL PAD SPACER (EA) (FITS AFCO ALUMINUM METRIC CALIPER ONLY)	6691310
---	---------

NEW & IMPROVED

STOCK 2-1/2" GM METRIC CALIPERS

IMCA/WISSOTA, USMTS/UMP, USRA, NCRA Approved

- Legal replacement for stock classes.
- Quality control checked and pressure-tested.
- **NEW** virgin casting and pistons.
- 5.5" Bolt Spacing.



DESCRIPTION

PART

STOCK GM METRIC CALIPER-RIGHT SIDE	6635003
STOCK GM METRIC CALIPER-LEFT SIDE	6635004

GM METRIC CALIPERS

OVERSIZED 2-3/4" GM METRIC CALIPERS

UMP Approved

- Increases range of brake bias adjustment for better brake performance.
- Allows for more brake system tunability.
- Stock appearing.
- Quality control checked and pressure-tested.

DESCRIPTION	PART #
OVERSIZE GM METRIC CALIPER-RIGHT SIDE	7241-9001
OVERSIZE GM METRIC CALIPER-LEFT SIDE	7241-9002



5.5" MOUNTING LUGS

UNDERSIZED 2-1/4" GM METRIC CALIPERS

UMP, AMRA, NCRA Approved

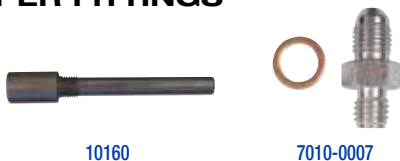
- Use on right front to loosen car on corner entry.
- Allows for more brake system tuning.
- Stock appearing.
- Quality control checked and pressure-tested.

DESCRIPTION	PART #
UNDERSIZED GM METRIC CALIPER-RIGHT SIDE	7241-9005



STEEL METRIC CALIPER FITTINGS AND HARDWARE

Use these fittings to help ease steel metric caliper installation:



10160

7010-0007

DESCRIPTION	PART #
COPPER WASHER METRIC CALIPER (6 QTY)	7010-0036
STRAIGHT FITTING, METRIC CALIPER	7010-0007
CALIPER BOLT, METRIC CALIPER	10160
ADAPTER KIT, METRIC CALIPER	7010-0050
REBUILD KIT, 2-3/4" GM METRIC LIGHTWEIGHT	6690312

CALIPER BRACKETS

CALIPER BRACKET

Adapts stock '74-'80 Pinto/Mustang II spindle to small GM caliper with '75-'80 Ford Granada-type rotor.



DESCRIPTION	THREAD	THICKNESS	PART #
BIG GM REAR - 3" TUBE WELD ON	7/16" FINE	3/16"	40120
SMALL GM REAR - 3" TUBE WELD ON	7/16" FINE	1/4"	40121

HYBRID CALIPER BRACKET

Adapts stock '74-'80 Pinto/Mustang II spindle to small GM caliper with AFco Brake Hybrid Rotor.



DESCRIPTION	THREAD	THICKNESS	PART #
SMALL GM LH-PINTO HYBRID SPINDLE	7/16" FINE	1/4"	40122PL
SMALL GM RH-PINTO HYBRID SPINDLE	7/16" FINE	1/4"	40122PR

AFCO BRAKES

MASTER CYLINDERS

INTEGRAL RESERVOIR MASTER CYLINDER

The AFCO engineering team started with a clean sheet when designing our master cylinders. AFCO's master cylinders offer the same great performance that customers have come to expect from AFCO. With a one-piece design that incorporates a high-capacity reservoir and precisely machined/polished cylinder bore, the piece makes efficient use of space and materials.

- External return spring maintains positive pedal feel and helps prolong pad life by ensuring quick reaction to released pedal force.
- Precise-fitting lid held firmly in place by heavy gauge retainer.
- Slim design rubber boot allows easy installation into most pedal assemblies.
- Aluminum bore with hard anodized pistons.
- Unique, built-in minimum and maximum fill tabs are easy to read and make quick work of checking fluid even in dark pit areas.
- Common dual-mounting bolt patterns for most racing applications.
- Models come in 3/4", 7/8", and 1" bores.
- Designed for standard 1/8" NPT fittings for easy replacement.

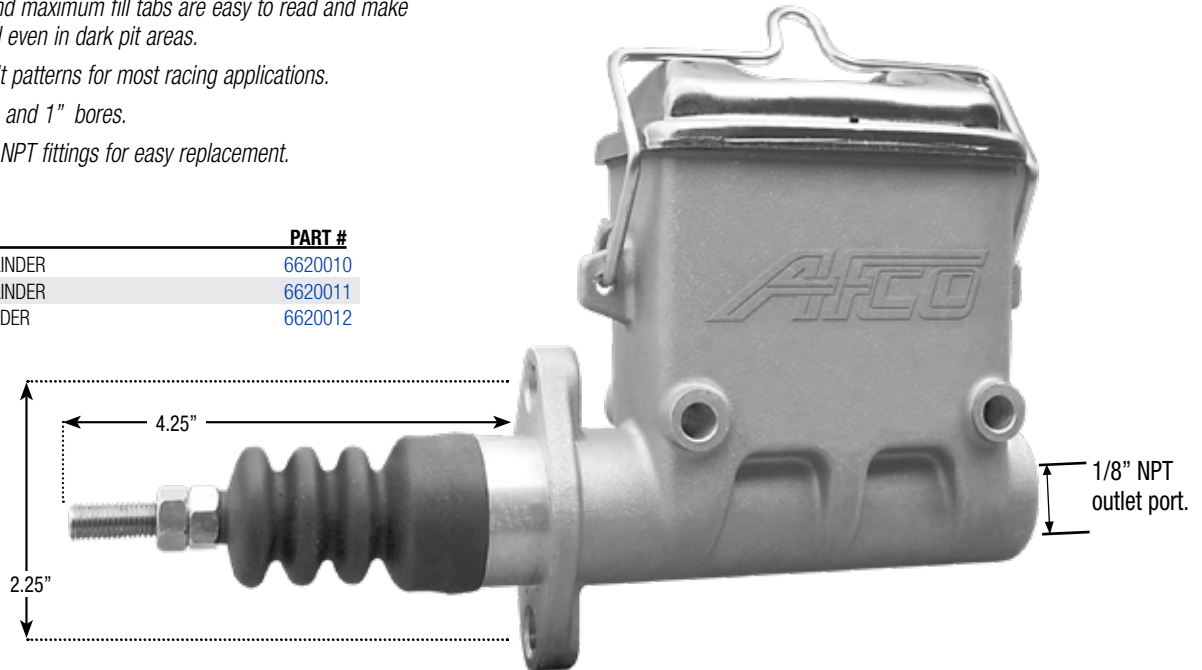


External return spring.

Fluid level indicator marks.



DESCRIPTION	PART #
3/4" BORE INTEGRAL MASTER CYLINDER	6620010
7/8" BORE INTEGRAL MASTER CYLINDER	6620011
1" BORE INTEGRAL MASTER CYLINDER	6620012



INTEGRAL MASTER CYLINDER SERVICE PARTS & REBUILD KITS

MASTER CYLINDER PARTS	PART #
STRAIGHT FITTING (1/8" NP X 3/16" IF)	7010-0026
90° FITTING (1/8" NP X 3/16" IF)	7010-0027
MASTER CYL. KIT (INCLUDES LID, GASKET, WIRE)	6690048
MASTER CYL. KIT (INCLUDES PUSH ROD, SPRING, BOOT)	6690049

MASTER CYLINDER PARTS	PART #
REBUILD KIT - 3/4" NEW AFCO M/C	6690110*

* Kits for AFCO Master Cylinder manufactured after Jan 2013.

CLUTCH MASTER CYLINDER

- Compact design.
- Fits popular clutch and small brake applications.
- 1.4 oz. reservoir.
- Fits most pedal assemblies.



DESCRIPTION	PART #
CLUTCH MASTER CYLINDER 3/4"	2011-1912

AFCO BRAKES

ROTORS

HYBRID

IMCA, USMTS, UMP, WISSOTA Approved


This rotor combines the strength of a '75-'81 Ford-style hub (Granada) with the lighter design of the metric brake rotor for an unbeatable lightweight and durable package. AFCO engineers designed this rotor with the latest CAD software and testing methods. Manufactured to

withstand rigorous racing environments, the AFCO Hybrid Rotor uses castings designed and built specifically for racing. It will remove up to 13 lbs. of unsprung weight on the front of your car to improve front-to-rear weight bias and wheel control.



- Safely remove up to 13 lbs. from the front of your car vs. stock rotor.
- Uses GM metric caliper.
- Ford '74-'80 Pinto spindle.
- 14.8 lbs. total rotor weight with 5/8" studs.
- Drilled for 4-3/4" bolt pattern.
- 10.13" diameter.
- .813" thickness (pad spacer recommended).
- Uses 9851-8551 Master Install Kit.
- Races pre-installed.
- **LIGHTWEIGHT DESIGN FOR DIRT USE ONLY.**

DESCRIPTION	PART #
5/8" COARSE STUDS ON 5" X 5" PATTERN	9850-6505
5/8" COARSE STUDS ON 5" X 5" PATTERN - LONG STUD	6640137
MASTER INSTALL KIT*	9851-8551
BEARING KIT (INNER AND OUTER BEARINGS)	9851-8510
SEAL	9851-8521
DUST CAP	9851-8501

* Master install kit includes: bearings, seal, washer, nut, pin & dust cap.

Designed for use with '74-'80 Pinto / Mustang II spindle and AFCO brackets 40122PL & 40122PR.

FORD STYLE '75 - '81

IMCA, USMTS, UMP, WISSOTA Approved


- Reduces rotating weight.
- Fits Pinto pin.
- 5/8" coarse studs installed on 5" x 5" pattern.
- Pre-drilled with 4-1/2" stock pattern.
- 11" diameter x .875" thickness.
- Races pre-installed.
- Stock-appearing.
- Uses stock 9851-8552 Master Install Kit.
- Meets OEM sanctioning requirements for modifieds, street stocks, and hobby stocks.
- **LIGHTWEIGHT DESIGN FOR DIRT USE ONLY.**

DESCRIPTION	PART #
5/8" COARSE STUDS ON 5" X 5" PATTERN	9850-6510

DESCRIPTION	PART #
MASTER INSTALL KIT*	9851-8552
BEARINGS ONLY	9851-8510
SEAL	9851-8521
DUST CAP	9851-8502

GM STYLE '79 & UP

IMCA, USMTS, UMP, WISSOTA Approved


- 5/8" coarse studs installed on 5" pattern.
- Stock-appearing.
- 10.5" diameter x 1" thickness.
- Races pre-installed.
- Uses 9851-8550 Master Install Kit.
- Meets OEM sanctioning requirements for modifieds, street stocks, and hobby stocks.
- Fully machined for 5/8" stud.
- Fits new IMCA spindle.
- **LIGHTWEIGHT DESIGN FOR DIRT USE ONLY.**

DESCRIPTION	PART #
5/8" STUDS ON 5" X 5" PATTERN	9850-6500

Note: GM metric rotor needs larger bearing than stock bearing size.

GM ROTOR ACCESSORIES

DESCRIPTION	PART #
MASTER INSTALL KIT*	9851-8550
BEARING KIT	9851-8500
SEAL	9851-8520
DUST CAP	9851-8501
WHEEL STUD EXTRA LONG 5/8" COARSE (.350)	10164

*Master install kit includes: bearings, seal, washer, nut, pin & dust cap.

ROTORS

PILLAR VANE

- Designed using premium grade alloys for superb thermal shock stability.
- Machined and double disc ground to assure precise flatness.
- Precise pillar placement for high-volume cooling.
- Premium center - split castings reduce stress risers.
- Rotationally machined balanced - CNC.



AFCO continues its commitment to bring new and innovative components to the racing community. Pillar vane rotors are engineered to provide superior strength, reduce rotor weight and run cooler. At the heart of the rotor, each pillar is diamond-shaped, providing brake pad surface stability as well as reducing rotating weight over rotors of similar strength. Racers will take note of reduced weight and cooler operating temperatures when compared to rotors of similar strength. Reduced rotating weight means reduced lap times.

FLAT PILLAR VANE

- More brake pad surface support (pillars) to prevent rotor cupping.
- Strength of an 80-vane rotor with the weight savings of a 32-vane rotor.
- Machine balanced to reduce vibration and improve brake system performance.
- Increased cooling capacity.
- Proven by top racers to improve the brake system.



THICK	BOLT CIRCLE	DIA	WEIGHT	PART #
.810"	7"	11.75"	8.1 LBS.	6640100

SLOTTED PILLAR VANE

- More brake pad surface support (pillars) to prevent rotor cupping.
- Strength of an 80-vane rotor with the weight savings of a 32-vane rotor.
- Machine balanced to reduce vibration and improve brake system performance.
- Increased cooling capacity allows for trail braking, lap after lap.
- Gas slots to wipe brake pad and eliminate brake system fade.

USMTS, UMP, WISSOTA Approved



THICK	BOLT CIRCLE	DIA	WEIGHT	PART #
RH .810"	7"	11.75"	8.1 LBS.	6640104
LH .810"	7"	11.75"	8.1 LBS.	6640105

LIGHTWEIGHT 32 VANE

AFCO's disc brake rotors set the pace for design, quality, and performance. Special designed materials, enhanced computer imagery and design, as well as extensive lab and track testing have yielded a superior brake rotor. All AFCO rotors have been optimized for strength, weight, and heat dissipation ability to meet the demands of the serious racer.

- Designed and manufactured using premium-grade alloy for superior thermal stability.
- Precision machine ground and balanced for flatness and reduced vibrations.
- Precision-designed and positioned vanes for maximum cooling.
- Tried and trusted for over 20 years.



THICK	BOLT CIRCLE	DIA	WEIGHT	PART #
.810"	7"	11.75"	8.28 LBS.	9850-6021

AFCO BRAKES

PEDALS

6.25:1 REVERSE DUAL SWING PEDALS

- Extra-long bias adjuster to allow even more adjustment.
- H-beam forged aluminum pedal design.
- Ultra high strength bias bar; same strength of 7/16" bias bar in the traditional 3/8" size.
- New snap ring gives more bias rod clearance and eliminates thread interference.
- Ultra-strong upper mount has 52% less flex than the competition.
- Rounded clevis design prevents bias-bar lock-up at extreme limits of travel.
- Integral bias bearing stops prevent lock-up when adjusting bias.
- Internal hex in bias bar eases bias set up.
- 6.25:1 Pedal ratio.
- 4.36 lbs.
- AFCO master cylinders sold separately.

DESCRIPTION	PART #
REVERSE DUAL SWING BRAKE PEDALS	6610000



Exclusive bias "tie-bar" adds strength and sets clevis spacing for proper master cylinder function.

6.25:1 FORWARD DUAL SWING PEDALS

- Extra-long bias adjuster to allow even more adjustment.
- H-beam forged aluminum pedal design.
- Ultra high strength bias bar; same strength of 7/16" bias bar in the traditional 3/8" size.
- New snap ring gives more bias rod clearance and eliminates thread interference.
- Ultra-strong upper mount has 52% less flex than the competition.
- Rounded clevis design prevents bias-bar lock-up at extreme limits of travel.
- Integral bias bearing stops prevent lock-up when adjusting bias.
- Internal hex in bias bar eases bias set up.
- 6.25:1 Pedal ratio.
- 4.36 lbs.
- AFCO master cylinders sold separately.

DESCRIPTION	PART #
FORWARD DUAL SWING PEDALS	6610001



Exclusive bias "tie-bar" adds strength and sets clevis spacing for proper master cylinder function.

7:1 FORWARD SINGLE SWING PEDALS

- H-beam forged aluminum pedal design.
- Pedal assemblies fit many popular chassis.
- Allows for positioning of the clutch pedal to be away from the driver for better comfort.
- New snap ring gives the brake pedal more bias rod clearance and eliminates thread interference.
- Ultra high strength bias bar on brake pedal; same strength of 7/16" bias bar in the traditional 3/8" size.
- Rounded clevis design prevents bias-bar lock-up at extreme limits of travel.
- Integral bias bearing stops prevent lock-up when adjusting bias.
- Internal hex in bias bar eases bias set up.
- 7:1 Pedal ratio allows for better braking power.
- Clutch pedal weight: 1.64 lbs.
- AFCO master cylinders sold separately.



6610004
7:1 Forward Single
Swing Clutch Pedal

6:1 FORWARD SINGLE FLOOR PEDALS

- H-beam forged aluminum pedal design.
- Pedal assemblies fit many popular chassis.
- Allows for positioning of the clutch pedal to be away from the driver for better comfort.
- New snap ring gives the brake pedal more bias rod clearance and eliminates thread interference.
- Ultra high strength bias bar on brake pedal; same strength of 7/16" bias bar in the traditional 3/8" size.
- Rounded clevis design prevents bias-bar lock-up at extreme limits of travel.
- Integral bias bearing stops prevent lock-up when adjusting bias.
- Internal hex in bias bar eases bias set up.
- 6:1 Pedal ratio.
- Clutch pedal weight: 1.46 lbs.
- AFCO master cylinders sold separately.



6610006
6:1 Forward Single
Floor Clutch Pedal

REPLACEMENT BIAS BAR KITS

DESCRIPTION	PART #
BIAS BAR KIT FOR REVERSE MOUNT PEDAL	6610010
BIAS BAR KIT FOR FORWARD MOUNT PEDAL	6610011



6610010

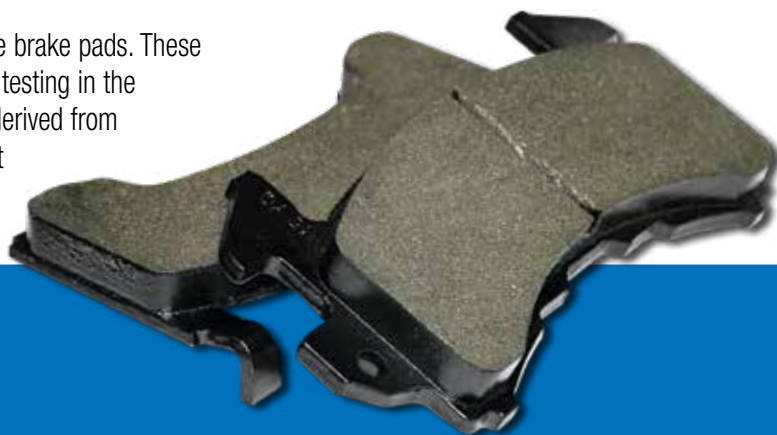


6610011

AFCO BRAKES

BRAKE PADS

AFCO proudly offers its line of racing and high performance brake pads. These brake pads have gone through extensive development and testing in the toughest racing environments. Our racing brake pads are derived from the latest materials in friction products and utilize the latest technologies in brake pad manufacturing.



- Improved stopping power.
- High torque with excellent control qualities.
- Exceptional high temperature performance.
- User friendly/easy break-in.
- Exceptional pad and rotor wear.
- Available in five compounds (32, C1, 33, C2 and 34) to fit popular caliper styles.

5 COMPOUNDS TO CHOOSE FROM!

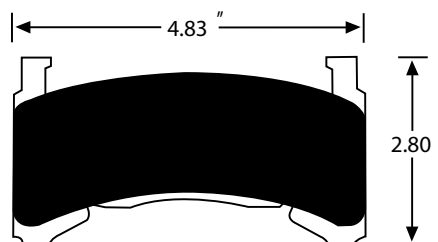
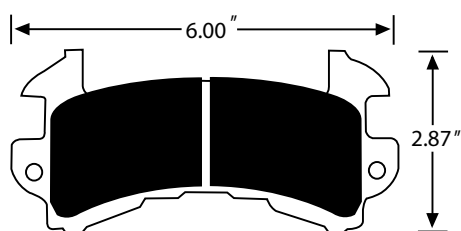
Compound 32 - This compound was designed and developed for the right front of dirt cars where low grip is needed. Each high quality 32 pad is made one pad at a time to improve consistency from pad to pad. With lower grip, the 32 is an excellent brake pad for RF dirt cars.

Compound C1 - This compound was designed and developed to meet the braking needs of medium to high temperature racing applications. As brake system temperatures quickly increase and decrease, C1 provides consistent performance while remaining very fade resistant. C1 has proven to be extremely rotor friendly and provides exceptional pad life without requiring lengthy pad break-in (bedding) procedures. C1 is widely used in dirt track racing and is the ultimate pad choice for all medium temperature applications. Recommended temperature use: 400 to 900 degrees.

Compound 33 - This compound was designed and developed for cold stopping power and improved stopping power at wider temperature ranges which reduces brake fade. Along with the 33's improved stopping power, you can expect less rotor wear. Each high quality 33 pad is made one pad at a time to improve consistency from pad to pad. With more heat range and less glazing, the 33 is an excellent brake pad for front and rear dirt cars and rear asphalt cars. Recommended temperature use: 200 to 1200 degrees.

Compound C2 - This compound provides exceptional high temperature performance. C2 is designed to withstand wide-ranging temperature changes, giving the driver predictable pedal feel and excellent control qualities lap after lap. C2 is high in torque value yet has very long pad wear. Compound C2 is the perfect choice for all higher temperature applications. Recommended temperature use: 500 to 1200 degrees.

Compound 34 - This compound was designed and developed for cold stopping power and improved stopping power at wider temperature ranges which reduces brake fade. Along with the 34's improved stopping power, you can expect less rotor wear. Each high quality 34 pad is made one pad at a time to improve consistency from pad to pad. With more heat range, less glazing and less rotor wear, the 34 is an excellent brake pad for rear dirt cars and front asphalt cars. Recommended temperature use: 200 to 1600 degrees.



LESS AGGRESSIVE			MORE AGGRESSIVE	
COMPOUND 32	COMPOUND C1	COMPOUND 33	COMPOUND C2	COMPOUND 34
PART #	PART #	PART #	PART #	PART #
6653002	1251-1154	6653012	1251-2154	6653022

METRIC GM BRAKE PADS

MODIFIED BRAKE PAD RECOMMENDATIONS

RECOMMENDED SPORT MOD & MODIFIED CAR PACKAGES

IMCA (Open Motor)

LEFT FRONT	PART #	RIGHT FRONT	PART #
PAD GM METRIC SR 33	6653012*	PAD GM METRIC SR 32	6653002*
METRIC GM CALIPER 2.5 R LH	6635004	METRIC GM CALIPER 2.5 RH	6635003

LEFT REAR	PART #	RIGHT REAR	PART #
ROTOR, 11.75"X.810" PILLAR	6640100	ROTOR, 11.75"X.810" PILLAR	6640100
PAD GM METRIC SR 33	6653012	PAD GM METRIC SR 33	6653012
METRIC GM CALIPER 2.5 R LH	6635004	METRIC GM CALIPER 2.5 RH	6635003

IMCA (Crate)

LEFT FRONT	PART #	RIGHT FRONT	PART #
PAD GM METRIC SR 33	6653012*	PAD GM METRIC SR 32	6653002*
METRIC GM CALIPER 2.5 R LH	6635004	METRIC GM CALIPER 2.5 RH	6635003

LEFT REAR	PART #	RIGHT REAR	PART #
ROTOR, 11.75"X.810" PILLAR	6640100	ROTOR, 11.75"X.810" PILLAR	6640100
PAD GM METRIC SR 34	6653022	PAD GM METRIC SR 34	6653022
METRIC GM CALIPER 2.5 R LH	6635004	METRIC GM CALIPER 2.5 RH	6635003

USMTS/UMP

LEFT FRONT	PART #	RIGHT FRONT	PART #
PAD GM METRIC SR 33	6653012*	PAD GM METRIC SR 32	6653002*

LEFT REAR	PART #	RIGHT REAR	PART #
ROTOR, 11.75"X.810" SLOT LH	6640105	ROTOR, 11.75"X.810" SLOT RH	6640104
PAD GM METRIC SR 34	6653022	PAD GM METRIC SR 34	6653022

WISSOTA

LEFT FRONT	PART #	RIGHT FRONT	PART #
PAD GM METRIC SR 33	6653012*	PAD GM METRIC SR 32	6653002*
METRIC GM CALIPER 2.5 R LH	6635004	METRIC GM CALIPER 2.5 RH	6635003

LEFT REAR	PART #	RIGHT REAR	PART #
ROTOR, 11.75"X.810" SLOT LH	6640105	ROTOR, 11.75"X.810" SLOT RH	6640104
PAD GM METRIC SR 34	6653022	PAD GM METRIC SR 34	6653022
METRIC GM CALIPER 2.5 R LH	6635004	METRIC GM CALIPER 2.5 RH	6635003

HIGH PERFORMANCE BRAKE FLUID

HIGH PERFORMANCE HTX BRAKE FLUID

The HTX fluid has been engineered to meet the demanding requirements of super late model (dirt and asphalt) as well as dirt modified and "outlaw" open wheel modified racing. HTX fluid offers superior performance where high brake system temperatures for an extended time period are experienced. AFco High Performance Brake Fluid will exceed your expectations!

- Dry boiling point of 600°+.
- A "must have" for asphalt cars.
- Non-silicone fluid.
- Sealed in steel can for longer shelf life.
- Best value in brake fluid on the market.



DESCRIPTION	PART #
HTX SINGLE 16.9 OZ. CAN	6691903
HTX CASE (12 CANS)	6691904

HIGH PERFORMANCE HT BRAKE FLUID

Better performing brake systems start with superior brake fluid. The HT fluid has been designed to provide enhanced performance for applications ranging from street stocks to open wheel modifieds to drag racing and is value priced. AFco HT Brake Fluid will outperform comparable fluids.

- Dry boiling point 500°+.
- Non-silicone fluid.
- Eliminates brake fade due to fluid failure caused by heat.



DESCRIPTION	PART #
HT SINGLE 12 OZ. BOTTLE	6691901
HT CASE (12 CANS)	6691902

AFCO BRAKES

BRAKE ACCESSORIES

BRAKE SYSTEM FITTINGS



DESCRIPTION	APPLICATION	PART #
1/8" NP TO -4 AN	AFCO F22, F33, F88 & ALUMINUM CALIPERS	7010-0001
1/8" NP TO -3 AN	AFCO F22, F33, F88 & ALUMINUM CALIPERS	7010-0002
3/16" LINE TO -3 AN	CHASSIS MOUNT	7010-0003
3/16" LINE TO -4 AN	CHASSIS MOUNT	7010-0004
1/8" NP TO -4 AN TALL (90°)	AFCO F22, F33, F88 & ALUMINUM CALIPERS	7010-0017
1/8" NP BLEED VALVE	AFCO METRIC ALUMINUM CALIPERS	7010-0022
3/16" INV. FLARE TEE	3/16" BRAKE LINE	40251
1/8" MP X 3/16" INV FL. FP	STRAIGHT MASTER CYLINDER LINE FITTING	7010-002
1/8" - NPT MALE - 3 MALE (45°)	ALUMINUM BRAKE CALIPER FITTING	6680001
1/8" - NPT MALE - 4 MALE (45°)	ALUMINUM BRAKE CALIPER FITTING	6680002
1/8" - NPT MALE - 3 MALE	ALUMINUM BRAKE CALIPER FITTING	6680003
1/8" - NPT MALE - 4 MALE	ALUMINUM BRAKE CALIPER FITTING	6680004
1/8" - NPT MALE - 3 MALE (90°)	ALUMINUM BRAKE CALIPER FITTING	6680005
1/8" - NPT MALE - 4 MALE (90°)	ALUMINUM BRAKE CALIPER FITTING	6680006
MT 10 MALE - 3 AN MALE	F44 ALUMINUM BRAKE CALIPER FITTING	6680007
10MM - 1.50 X -4 AN	SMALL GM METRIC CALIPERS	7010-0007*
7/16" SAE TO -4 AN	GM STEEL CALIPERS	7010-0032
7/16" SEALING WASHER (6 PK)	FITS 7/16 BANJO BOLT	7010-0036
10MM SEALING WASHER (6 PK)	FITS 10MM BANJO BOLT	7010-0037
1/8" NP TO -4 AN TALL (90°)	AFCO F22, F33, F88 & ALUMINUM CALIPERS	7010-0017

*THESE FITTINGS REQUIRE SEALING WASHERS AND ARE SHIPPED WITH WASHERS INCLUDED.

CALIPER PRESSURE BLEEDER ADAPTERS FOR GM METRIC CALIPERS

- Accurately determine optimal settings for balance bars and proportioning valves.
- Needed to troubleshoot your brake system.
- For use with caliper pressure gauges.



DESCRIPTION	PART #
ADAPTER KIT	7010-0050

CRANK-TYPE BIAS ADJUSTER

Steel adjuster is supplied with loose weld-on mount tab, which will allow a custom fit for each application.

DESCRIPTION	PART #
28"	40217
30-1/2"	40217G
35"	40218



BRAKE LINES

90° KEVLAR BRAKE LINE - 3 AN & 4 AN



DESCRIPTION	END TYPES	PART #
18" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-18
24" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-24
30" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-30
12" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-12
18" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-18
24" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-24
30" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-30

1/8" NPT KEVLAR BRAKE LINE - 3 AN & 4 AN



DESCRIPTION	END TYPES	PART #
24" KEVLAR LINE	(1) AN 3 STRAIGHT END, (1) 4 AN 1/8" NPT END	6684057-24
24" KEVLAR LINE	(1) AN 4 STRAIGHT END, (1) 4 AN 1/8" NPT END	6684058-24
30" KEVLAR LINE	(1) AN 3 STRAIGHT END, (1) 4 AN 1/8" NPT END	6684057-18
30" KEVLAR LINE	(1) AN 4 STRAIGHT END, (1) 4 AN 1/8" NPT END	6684058-18

Fits Rocket Chassis & others

KEVLAR BRAKE LINE - 3 AN



DESCRIPTION	PART #	DESCRIPTION	PART #
12" AN 3 ENDS	6684053-12	24" AN 3 ENDS	6684053-24
14" AN 3 ENDS	6684053-14	30" AN 3 ENDS	6684053-30
16" AN 3 ENDS	6684053-16	34" AN 3 ENDS	6684053-34
18" AN 3 ENDS	6684053-18	38" AN 3 ENDS	6684053-38
22" AN 3 ENDS	6684053-22	48" AN 3 ENDS	6684053-48

KEVLAR BRAKE LINE - 4 AN



DESCRIPTION	PART #	DESCRIPTION	PART #
12" AN 4 ENDS	6684054-12	24" AN 4 ENDS	6684054-24
14" AN 4 ENDS	6684054-14	30" AN 4 ENDS	6684054-30
16" AN 4 ENDS	6684054-16	34" AN 4 ENDS	6684054-34
18" AN 4 ENDS	6684054-18	38" AN 4 ENDS	6684054-38
22" AN 4 ENDS	6684054-22	48" AN 4 ENDS	6684054-48

STEEL BRAIDED BRAKE LINE - AN 3 & AN 4



DESCRIPTION	END TYPE	PART #
18" AN 3	STRAIGHT ENDS	40265-18
24" AN 3	STRAIGHT ENDS	40265-24
18" AN 3	90 DEG ON 1 END	40264-18
24" AN 4	STRAIGHT ENDS	40262-24
36" AN 4	STRAIGHT ENDS	40262-36
18" AN 4	90 DEG ON 1 END	40263-18
24" AN 4	90 DEG ON 1 END	40263-24

CLUTCH SLAVE HOSE KIT



DESCRIPTION	PART #
36" CLUTCH MASTER CYLINDER TO CLUTCH SLAVE CYLINDER HOSE	40280

MISCELLANEOUS

BRAKE SHUT-OFF VALVE

Stainless steel ball.

DESCRIPTION	PART #
BRAKE SHUT-OFF VALVE	40199



BRAKE FITTING CLIP

Clips work with 7010-0004, 40277, 7010-0003 to secure fitting to chassis.

DESCRIPTION	PART #
CLIP (4)	40260
CLIP (25)	40261



3" TUBE CALIPER BRACKETS



DESCRIPTION	PART #
BIG GM REAR WELD ON	40120
METRIC GM REAR WELD ON	40121

AFCO COOLING

ALUMINUM RADIATORS

Every AFCO radiator is built from detailed, computer-designed specifications and use precision CNC laser-cut parts for exact tolerances. We never stamp tanks. Our tanks are either laser-cut and precision-welded or formed using a "drawn" technique that keeps a uniform thickness and eliminates weak spots.

AFCO understands the vital role the radiator plays in protecting the investment you have in your car. That is why we make no excuses or compromises in constructing the best aftermarket radiators in the industry. Don't trust your pride and joy to anything less than AFCO quality!



FROM CORE TO FINISHED PRODUCT...

MADE BY EXPERTS

Quality control and strict production tolerances are key to developing a premium product. Controlling these aspects in-house means AFCO radiators are produced to the highest standards without compromise.



100% ALUMINUM CONSTRUCTION

By using a modern furnace-brazed process, all AFCO radiators feature all-aluminum construction without the need for epoxy. Not only does this make for a lighter radiator, but the common material bonding provides for increased thermal efficiency as well.



ADVANCED MANUFACTURING

Our robotic welding cell for high volume production features a new Fanuc Robot and CMT technology. We also have water jet, laser cut, CNC brake and other capabilities. Our engineering professionals use the most advanced platforms, such as CREO, to design the most innovative products in the industry.



PREMIUM QUALITY

AFCO produces high quality radiators and cores. These cores are epoxy free and defect free. Each part goes through our stringent quality control process. We pressure-test every one of our radiators to ensure that our customers will keep their cool on the track.

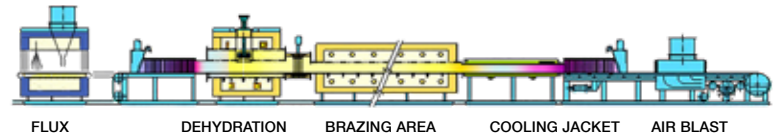
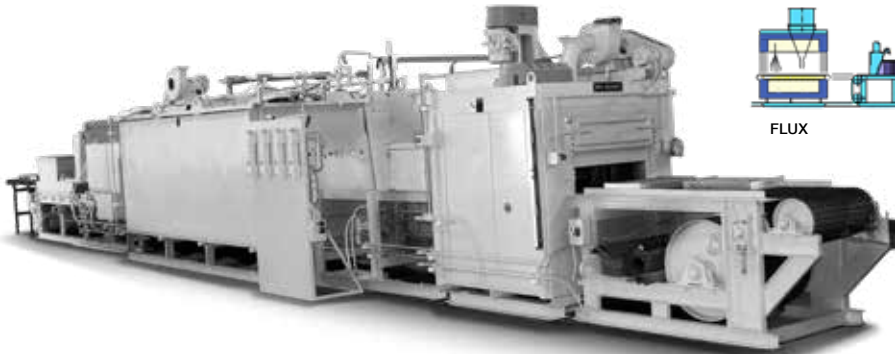


SPECIAL APPLICATIONS

In-house design and fabrication allows us to conceptualize, prototype, test, and manufacture custom cooling systems for a wide variety of applications. If you have a specialty radiator need, AFCO can deliver.



STATE-OF-THE-ART ALUMINUM BRAZING

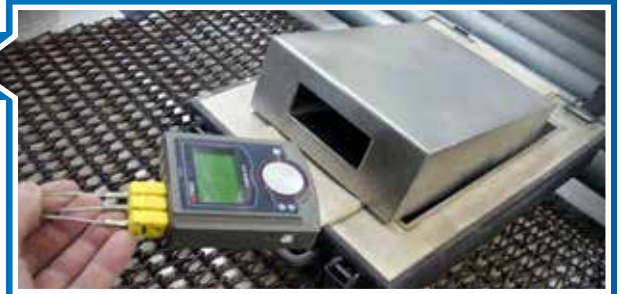


FURNACE SPECIFICATIONS

30" Wide Belt
8" Pass Height
18-22 Cores/Hour

STAINLESS STEEL "HOTBOX" DATA RECORDER

Brazing profiles are created for each core based on the total mass weight. The furnace temperatures and belt speeds are adjusted based on feedback from a data recorder. The hotbox ensures a quality braze profile for each core.



FURNACE CONTROLS

The furnace is controlled via a touch screen HMI panel. Each component uses a unique brazing profile that is developed and saved as a recipe. This recipe includes belt speed, zone temperatures, and nitrogen flow. The system software also provides features such as historical brazing data and maintenance scheduling.

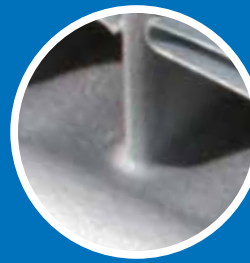


OUR CORE STANDARDS

Every part of a core is important, but the quality of the headers is an absolute must. The tube slots must be punched with a maximum of .002" clearance for a precise tube fit. While others use single sided clad material, AFCO uses double sided clad for all the headers. This provides a fillet joint around the tube on both sides of the header, doubling the strength of the joint. You simply cannot build a better, stronger core. The use of .080 double clad material and extruded side channels provides a core strong enough to handle over one million pressure cycles, without a tube-to-header joint failure.



Serpentine
Louvered
Fin @ 16fpi



Clad Fillets
on Both
Sides

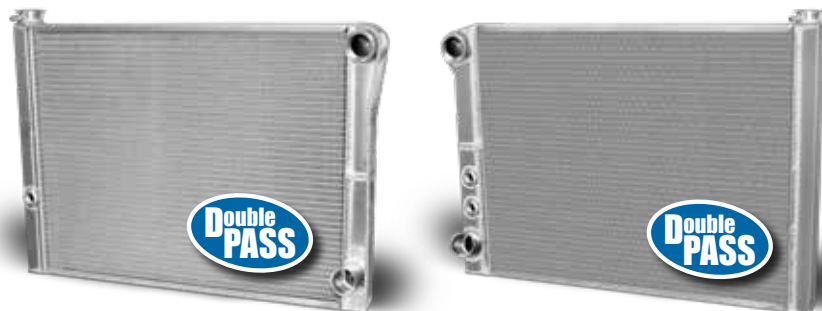


Double
Clad
.080 Headers

DOUBLE PASS RADIATORS

LIGHTWEIGHT 1 ROW X 1.5" CORE DOUBLE PASS RADIATORS

AFCO Racing Products is proud to announce our new lightweight double pass radiator for modifieds. This is the easiest and most cost-effective way to shave as much as 10 pounds off the front of your car, allowing you to concentrate ballast and improve handling. The radiator features a new 1.5" thick core for improved airflow. The new lightweight double pass radiator has the standard features you have come to trust from AFCO, such as furnace-brazed tubes with no epoxy. These race-proven lightweight radiators fit the same footprint as our standard radiators and installation is simple with no major modifications needed for mounting.



- Shaves 10 lbs. from the front of your car.
- Features an increased number of tubes and fins in the same height package.
- Standard water pressure bung for easy plumbing.
- Also available in 19" X 27-1/2" with 1-3/4" outlets.
- 24" Southern Sport Mod version.

80184NDP-U - (26" x 19")
80186NDP-U - (24" x 19")

80184FNDP-U - (27-1/2" x 19")
80186FNDP-U - (24" x 19")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	ADDITIONAL BUNGS	DRY WEIGHT	PART #
20"	22-3/8"	18-3/4"	26-3/4"	25-7/8"	2"	L	20 AN-F R	1-3/4" R	15°/ 15°	1/2" FPT	12.6 LBS.	80184NDP-U
20"	22-3/8"	18-3/4"	26-3/4"	25-7/8"	2"	R	20 AN-F L	1-3/4" L	15°/15°	1/2" FPT & 3/8" FPT - L	12.6 LBS.	80184FNDP-U
20"	20-1/2"	18-3/4"	25-7/8"	24"	2"	L	20 AN-F R	1-3/4" R	30°/10°	1/2" FPT	12 LBS.	80186NDP-U
20"	20-1/2"	18-3/4"	25-7/8"	24"	2"	R	20 AN-F L	1-3/4" L	30°/10°	1/2" FPT & 3/8" FPT - L	12 LBS.	80186FNDP-U

FITTINGS



PAGE 95



ULTRA LIGHTWEIGHT 1 ROW X 1.25" TUBE CORE RADIATORS**HALF THE WEIGHT
OF A 2-ROW CORE!****100% PRESSURE TESTED.****OPTIMUM FIN PER INCH RATIO FOR
MAXIMUM COOLING.****ALL AFCO RADIATORS OFFER A FURNACE
BRAZED SEALED CORE WITHOUT THE USE
OF EPOXY, AND ARE ALL 100% TESTED
BEFORE SHIPPING.**

80103LWN-U - (26" x 19")



80100LWFN - (21-1/2" x 19")

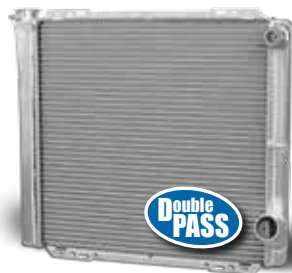


80100LWN - (22" x 19")



80127LWN - (24" x 19")

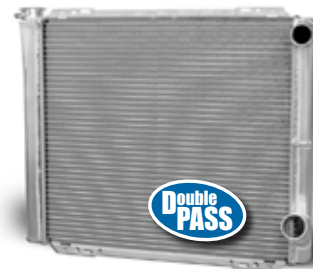
OVERALL HEIGHT	CORE WIDTH	CORE THICKNESS	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	DRY WEIGHT	PART #
20"	18"	1-1/4"	18-3/8"	22-7/8"	21-1/2"	1-7/8"	L	1-1/2" R	1-3/4" L	20°/10°	6.3 LBS.	80100LWFN
20"	18"	1-1/4"	18-3/8"	22-7/8"	21-1/2"	1-7/8"	R	1-1/2" L	1-3/4" R	20°/10°	6.3 LBS.	80100LWN
18-3/4"	23-3/8"	1-1/4"	18-3/4"	27-1/4"	26-1/4"	2-3/8"	R	20 AN-F - L	1-3/4" R	30°/10°	11 LBS.	80103LWN-U
20"	18"	1-1/4"	18-1/2"	24"	24"	1-7/8"	R	1-1/2" L	1-3/4" R	30°/10°	6.9 LBS.	80127LWN

DOUBLE PASS 2 ROW X 1" TUBE CORE RADIATORS

80100NDP-16 (22" x 19")



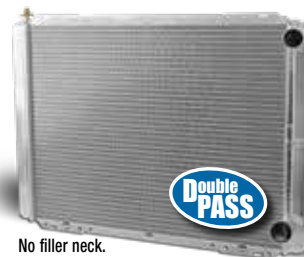
80101NDP-U - (27-1/2" x 19")



80100NDP-U - (22" x 19")



80126NDP-U - (31" x 19")



No filler neck.

80119N - (26" x 19")

WATCH AFCO VIDEOS

STAY UP-TO-DATE AND WATCH HELPFUL VIDEOS FEATURING OUR EXPERIENCED RACING PROFESSIONALS!



Watch AFCO Videos

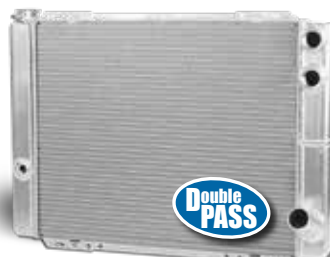


Watch Longacre Videos

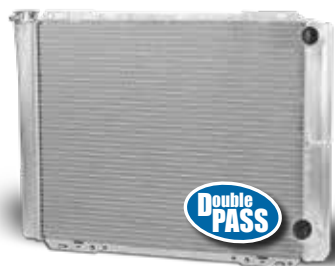


No filler neck.

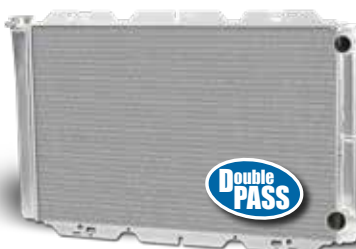
80133N - (27-1/2" x 16")



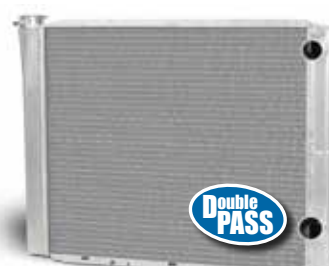
80124N - (27-1/2" x 19")



80125NDP-U - (26" x 19")



80126NDP-U - (31" x 19")



80127NDP-U - (24" x 19")



80101NDP-U - (27-1/2" x 19")



No filler neck.

80120N - (31" x 19")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	DRY WEIGHT	PART #
20"	22-3/8"	18-1/2"	26-3/4"	25-7/8"	3"	L	1-1/2" R	1-3/4" R	30°/10°	13.2 LBS.	80125NDP-U
21"	27-1/2"	18-1/2"	31-3/4"	31"	3"	L	1-1/2" R	1-3/4" R	30°/10°	15 LBS.	80126NDP-U
20"	20"	18-1/2"	24-1/4"	23-1/2"	3"	L	1-1/2" R	1-3/4" R	30° UP	14.1 LBS.	80127NDP-U
16"	22-3/8"	16"	27-1/2"	27-1/2"	3"	NONE	1-1/4" R	1-1/2" R	0°	13.2 LBS.	80133N**

**One 1/4"-18 NPT & One 1/2"-14 NPT temp bung.

NEW!

AFCO's new Universal Inlet radiators allow you to fit any top radiator hose by simply changing the inlet fitting from a -16AN, -20AN, or Standard 1-1/2" hose.

This will eliminate the need for multiple styles of radiators for spares and inventory. All part numbers ending in "-U" are now universal inlet radiators.

SCREW-IN FITTINGS



DESCRIPTION	PART #
1-1/2" HOSE TO 20 AN SCREW IN	80071
16AN TO 20AN SCREW IN	80072
20AN TO 20AN SCREW IN	80073
REPLACEMENT O-RING	80070

UNIVERSAL 2 ROW X 1" TUBE CORE RADIATORS

Universal Radiators are built with two 1" rows for a total core thickness of 2-1/4" and feature 3" tanks.



80100N-U - (22" x 19")



80100FN - (22" x 19")



80101N-U - (27-1/2" x 19")



80101FN - (27-1/2" x 19")



No filler neck.

80101-1N - (27-1/2" x 19")



80102N-U - (31" x 19")



No filler neck.

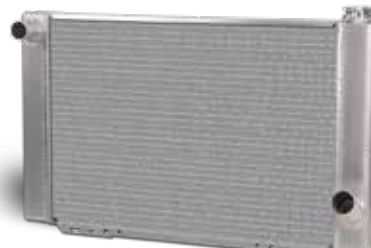
80102-2N - (31" x 19")



80103N-U - (26" x 19")



80103FN - (26" x 19")



80116N - (27-1/2" x 16-1/2")



80127FN - (24" x 19")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	DRY WEIGHT	PART #
20"	17-7/8"	18-1/2"	22-3/8"	21-1/2"	3"	R	1-1/2" L	1-3/4" R	30°/10°	11.2 LBS.	80100N-U
20"	17-7/8"	18-1/2"	22-3/8"	21-1/2"	3"	L	1-1/2" R	1-3/4" L	30°/10°	11.2 LBS.	80100FN
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	R	16 AN-M L	1-3/4" R	30°/10°	13.6 LBS.	80101N-U
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	L	1-1/2" R	1-3/4" L	0°	13.6 LBS.	80101FN
20"	22-3/8"	18-1/2"	27-1/2"	27-1/2"	3"	NONE	1-1/2" L	1-3/4" R	30°/10°	13.7 LBS.	80101-1N
21"	27-1/2"	18-1/2"	32"	31"	3"	R	16 AN-M L	1-3/4" R	30°/10°	15 LBS.	80102N-U
21"	27-1/2"	18-1/2"	30-3/4"	30-3/4"	3"	NONE	1-1/2" L	1-3/4" R	30° UP	15 LBS.	80102-2N
20"	22-3/8"	18-1/2"	26-3/4"	26"	3"	R	16 AN-M L	1-3/4" R	30°/10°	13.2 LBS.	80103N-U
20"	22-3/8"	18-1/2"	26-3/4"	26"	3"	L	1-1/2" R	1-3/4" L	30°/10°	13.2 LBS.	80103FN
16-7/8"	22-3/8"	15-7/8"	27-1/2"	27-1/2"	3"	R	1-1/2" L	1-3/4" R	30°/10°	14.1 LBS.	80116N
20"	20"	18-1/2"	24-1/4"	23-1/2"	3"	L	1-1/2" R	1-3/4" L	30°UP	14.1 LBS.	80127FN

UNIVERSAL 2 ROW X 1" TUBE CORE RADIATORS

Universal Radiators are built with two 1" rows for a total core thickness of 2-1/4" and feature 3" tanks.



80127N-U - (24" x 19")



80130N - (28" x 19")

OVERALL HEIGHT	CORE WIDTH	TANK HEIGHT	TANK WIDTH TOP	TANK WIDTH BOTTOM	TANK THICKNESS	FILLER LOC.	INLET SIZE & LOC.	OUTLET SIZE & LOC.	OUTLET ANGLE UP / IN	DRY WEIGHT	PART #
20"	20"	18-1/2"	24-1/2"	23-1/2"	3"	R	16 AN L	1 3/4" R	30°UP	14.1 LBS.	80127N-U
19-5/8"	24-7/16"	18-1/2"	28-3/4"	28"	3"	R	1-1/2" L	1-3/4" R	30°/10°	14.3 LBS.	80130N

DECK MOUNT OIL COOLERS

- Double pass design.
- Available with 10AN, 12AN & 16AN inlets and outlets.
- 1 QT. capacity.
- Internal oil turbulator & louvered fins ensure unparalleled efficiency.
- 1/2" FPT for oil temp. sending unit.



DESCRIPTION	PART#
#10AN DECK MOUNT OIL COOLER	80278-10
#12AN DECK MOUNT OIL COOLER	80278-12
#16AN DECK MOUNT OIL COOLER	80278-16



DAVE CAIN

AFCO COOLING ACCESSORIES

RADIATOR CAPS

Quality radiator caps help prevent the loss of coolant that can lead to overheating.

DESCRIPTION	PART #
STANT 21-25 LBS. CAP	80153
RADIATOR CAP-20 LBS.	80151
RADIATOR CAP-29-31LBS.	80050



21-25 lbs. Pressure



20 lbs. Pressure



29-31 lbs. Pressure

SCREW-IN FITTINGS



DESCRIPTION	PART #
1-1/2" HOSE TO 20 AN SCREW IN	80071
16AN TO 20AN SCREW IN	80072
20AN TO 20AN SCREW IN	80073
REPLACEMENT O-RING	80070

WELD-ON FITTINGS



MALE	PART #	FEMALE	PART #
6AN FITTING	700050040	1/8" FP FITTING	80128X12
8AN FITTING	700050041	1/4" FP FITTING	80128X5
10AN FITTING	700050037	3/8"-18 FP FITTING	80128X10
12AN FITTING	80128X8	1/2"-14 FP FITTING	80128X11
16AN FITTING	80128X9	3/4" FP FITTING	80128X6
20AN FITTING	80128X20	1" FP FITTING	80128X7

AN FEMALE O-RING WELD ON STYLE BUNG



DESCRIPTION	PART #
10 AN FITTING	80128X-10AN
12 AN FITTING	80128X-12AN
16 AN FITTING	80128X-16AN

*O-Rings sold separately.

RADIATOR REPAIR KIT

Repairs small leaks in aluminum radiators.



DESCRIPTION	PART #
EPOXY SOLDER	80161

1-3/4" FLOW RESTRICTOR

Restricts flow in lower hose.



DESCRIPTION	PART #
1-3/4" FLOW RESTRICTOR	80068

CUSTOM OVAL TRACK RADIATORS

AFCO Racing Products offers custom built radiators. Call 800-632-2320 for more details or to order your custom radiator!

- Built with formed tanks.
- Any inlet/outlet size and configuration.
- Common core sizes for any application.

DESCRIPTION	PART #
SINGLE PASS RADIATOR	80007-NA
DOUBLE PASS RADIATOR	80008-NA



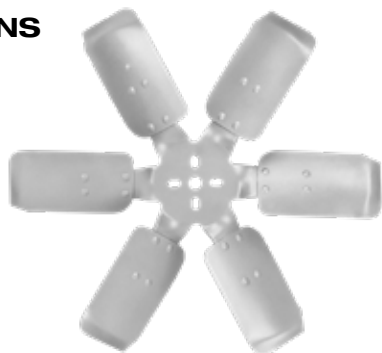


MIKE HARRISON

HD COOLING FANS

- 33° pitch.
- Dual bolt pattern to fit most pumps.
- 6 steel blades.

DESCRIPTION	PART #
GM 17"	80181



4 BLADE FAN

- 4 steel blades for greater airflow.
- Designed with the proper blade pitch to move the maximum amount of air possible.
- Dual bolt pattern to fit most pumps.

DESCRIPTION	PART #
4 BLADE FAN 18"	80183



FAN SPACER KITS

- Billet aluminum.
- Anodized black.
- Fits 5/8" or 3/4" drive.
- Kit comes with bolts, bushing, and washers.

DESCRIPTION	PART #
1-1/2" FAN SPACER	80191
2" FAN SPACER	80192
2-1/2" FAN SPACER	80193
3" FAN SPACER	80194



ALUMINUM THERMOSTAT HOUSINGS

- Polished aluminum construction.
- Uses o-ring for quality seal to intake.
- Allows 360° rotation.
- Includes bolts.

DESCRIPTION	PART #
15° NECK SBC / BBC	80312-15



NEW FOR 2026

263 SERIES SHOCKS

AFCO 2ND GENERATION 63 SERIES

Built for racers who want next-level consistency, control, and feel - lap after lap.

KEY FEATURES & BENEFITS

Next-Gen Basevalve Monotube Design (35mm):

Delivers smooth, consistent performance through every corner with proven deflective disk technology.

New Inverted Bladder Design:

Maximizes grip and keeps your car hooked up on rough surfaces. You'll feel sharper response to track changes, less drag, and better traction.

- 60% less rod force gain for improved suspension travel.
- Smaller bulb size means better clearance for torsion arms and mounts.
- More reliable over time - no more worrying about gas blow-by like older floating piston designs.

Billet Piston & Basevalve Options:

Choose linear or digressive setups to dial in your perfect feel. Precision-machined for exact repeatability and easy tuning.

Adjustable Performance:

Available in rebound or compression-adjustable models, giving you total control over how your car reacts on different track conditions.

Fine-Thread Coil-Over Design:

Allows for precise spring pre-load adjustments so you can fine-tune ride height and handling with ease.

Quick-Release Remote Adjuster Compatible:

Works seamlessly with AFCO's new quick-release remote adjuster system for on-the-fly tuning.

Bladder Technology Advantage:

Runs lower gas pressure for a smoother, more responsive ride than standard floating piston shocks. The reverse bladder reduces bulb size while improving control and rebound feel.

CNC Machined Billet Aluminum Internals:

Lightweight, strong, and built to handle the demands of open-wheel racing.

Fast-Reacting Internal Design:

Features precision bleed jets with three settings to reduce lag and sharpen transitions from compression to rebound.

Modular Build for Easy Service & Customization:

Shares common components with AFCO's Open Wheel Series - including parts like eyelets, seals, pistons, basevalves, shafts, and rod guides.

Multiple Tuning Combinations Available:

Choose from a variety of piston and basevalve setups (linear, digressive, or combinations) to match your track and driving style.

Spring Check Replenishment System:

Keeps your shock charged and ready, improving replenishment speed for more consistent performance throughout the race.

35MM SMALL BODY BULB MONOTUBE (63 SERIES STYLE)

- 5" = 16.7" extended - 11.7" compressed
- 6" = 18.7" extended - 12.7" compressed
- 7" = 20.7" extended - 13.7" compressed
- 8" = 22.7" extended - 14.7" compressed

HOW TO READ AND ORDER YOUR AFCO SHOCKS:

REBOUND ADJUSTABLE

SHOCK SERIES	STROKE LENGTH	COMP. VALVE	REB. VALVE	EXAMPLE PART NUMBER
263	5 5", 6", 7" 8" or, 9"	5 0 to 9	14A 14A, 25A, 36A, 58A, 610A, SPA, PBA	263-5-5-14A

COMPRESSION ADJUSTABLE

SHOCK SERIES	STROKE LENGTH	COMP. VALVE	REB. VALVE	EXAMPLE PART NUMBER
263	5 5", 6", 7" 8" or, 9"	36A 25A, 36A, 48A, SPA, PBA	5 0 to 9	263-5-36A-5

NEW FOR 2026

263P SERIES SHOCKS

AFCO 2ND GENERATION 63 SERIES PIGGYBACK

Built for racers who demand precision handling, easy tuning, and maximum grip.

KEY FEATURES & BENEFITS

Compact Piggyback Design:

Delivers clean, efficient packaging with excellent clearance and a perfect stroke-to-length ratio, meaning more travel and better performance without fitment headaches.

Customizable for Your Setup:

Available in double-adjustable configurations to match your driving style and track conditions.

Multiple Bladder & Canister Options:

Fine-tune gas volume and response to get exactly the feel you want, whether you're chasing traction on slick dirt or dialing in balance for high-speed asphalt.

CNC-Machined Billet Aluminum Internals:

Precision-built piston and base valve for smooth, consistent damping and lightweight strength that lasts.

Responsive Bleed System:

Features a one-way bleed check and three jet settings to reduce lag and improve transition speed between compression and rebound.

Shared Components Across the AFCO Open Wheel Series:

Simplifies maintenance and rebuilds - parts like eyelets, seals, pistons, basevalves, shafts, and rod guides are common across models for easy swaps and quick service.

Tunable Performance Options:

Choose from a variety of piston and base valve combinations (linear, digressive, or hybrid setups) to create the exact feel your car needs.

Spring Check Replenishment System:

Keeps your shock fully charged for faster replenishment and quicker reaction time on rough or changing track surfaces.

Built for Racers:

Every feature is designed for real-world performance, reliability, and simple tuning, so you can focus on what matters most: winning.

35MM SMALL BODY PIGGYBACK MONOTUBE

- 6" = 17.3" extended - 11.3" compressed
- 7" = 19.3" extended - 12.3" compressed
- 8" = 21.3" extended - 13.3" compressed
- 9" = 23.3" extended - 14.3" compressed

HOW TO READ AND ORDER YOUR AFCO SHOCKS:

DOUBLE ADJUSTABLE

SHOCK SERIES	STROKE LENGTH	COMP. VALVE	REB. VALVE	EXAMPLE PART NUMBER
263P	5 5", 6", 7" 8" or 9"	25A 25A, 36A, 48A, SPA, PBA	14A 14A, 25A, 36A, 58A, 610A, SPA, PBA	263P-5-25A-14A



NEW FOR 2026

16 SERIES SHOCKS

LIGHTWEIGHT, PERFORMANCE-DRIVEN DESIGN

- Compact 1.75" OD threaded body with precision-machined components.
- 30mm twin-tube construction enhances traction, even in slick track conditions.

ENHANCED ADJUSTABILITY & SPRING CONTROL

- New fine-pitch threaded body allows for precise spring adjustments.
- Features a new compact locking coil-nut that won't damage threads (sold separately).

ADVANCED VALVING & INTERNAL COMPONENTS

- New stainless steel billet piston and base valve designs for improved durability and tunability.
- Multiple valving options available, non-adjustable, rebound, or compression adjustable.
- Deflective disk valving technology for consistent performance.
- Updated valve codes for 2026 to match current track demands.

IMPROVED SEALING SYSTEM

- Updated low-friction sealing system.
- New seal design keeps oil in and dirt out, extending service life.

SERVICEABILITY & VERSATILITY

- User-serviceable: fully rebuildable and repairable.
- Available in 5, 6, 7, 8, and 9 inch lengths.

COMPATIBLE MARKETS

- Winged Sprints, Non-Winged Sprints, Lightning Sprints, Micro Sprints, Jr. Sprints, Midgets, Dwarf Cars, Mini Cup Cars

HOW TO READ AND ORDER YOUR AFCO SHOCKS:**NON-ADJUSTABLE**

SHOCK SERIES	STROKE LENGTH	COMP. VALVE	REB. VALVE	EXAMPLE PART NUMBER
16	5 5", 6", 7" 8", or 9"	5 0.5 to 14	3 0.5 to 14	16-5-5-3

REBOUND ADJUSTABLE

SHOCK SERIES	STROKE LENGTH	COMP. VALVE	REB. VALVE	EXAMPLE PART NUMBER
16	5 5", 6", 7" 8", or 9"	5 0.5 to 14	25A 14A, 25A, 210A, 36A, 48A, 510A, SPA, PBA	16-5-5-25A

COMPRESSION ADJUSTABLE

SHOCK SERIES	STROKE LENGTH	COMP. VALVE	REB. VALVE	EXAMPLE PART NUMBER
16	5 5", 6", 7" 8", or 9"	36A 25A, 36A, 48A, SPA, PBA	3 0.5 to 14	16-5-36A-3

SHOCK ACCESSORIES

ROD ENDS

ADJUSTABLE ROD ENDS

DESCRIPTION	SERIES	PART #
STANDARD LENGTH	63	550000157
1" EXTENDED LENGTH	63	550000241
STANDARD LENGTH	16 (SINGLE ADJ)	550100148
1" EXTENDED LENGTH	16 (SINGLE ADJ)	550000103
STANDARD LENGTH	16 (DOUBLE ADJ)	20172
1" EXTENDED LENGTH	16 (DOUBLE ADJ)	20172-1C



NON-ADJUSTABLE ROD ENDS

DESCRIPTION	SERIES	PART #
1" EXTENDED LENGTH (THREADED ALUM. BODY)	16 (THREADED)	550165101
STANDARD LENGTH (SMOOTH ALUM. BODY)	16 (SMOOTH)	1007S
1" EXTENDED LENGTH (SMOOTH ALUM. BODY)	16 (THREADED)	550149110
STANDARD LENGTH (ALUM.)	64	550000141
1" EXTENDED LENGTH	64	550000241-1



BEARING AND CLIP

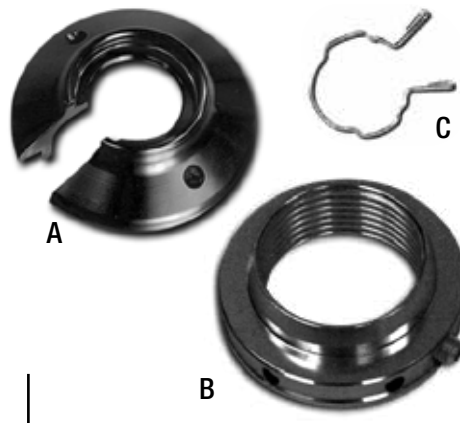
DESCRIPTION	SERIES	PART #
REPLACEMENT BEARING & CLIP	ALL SERIES	1000



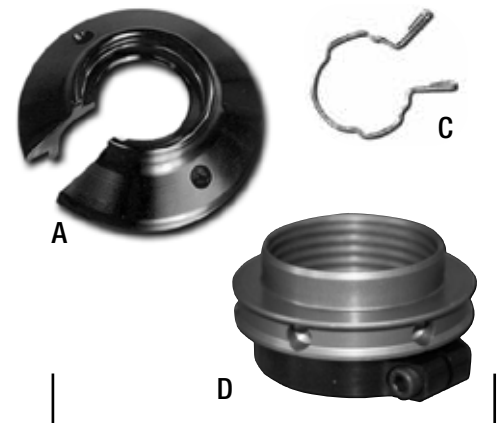
ALUMINUM THREADED SMALL BODY COIL-OVER PARTS

16, 63 & 64 SERIES

DESCRIPTION	PART #
KIT (FOR SMALL BODY THREADED.)	20123A
KIT W/LOCKING COLLAR (FOR SB ADJ.)	100096
A) SPRING SEAT	20149
B) ADJUSTER NUT ONLY	20148
C) SNAP CLIP	10243SR
D) LOCKING NUT ONLY	55000021210

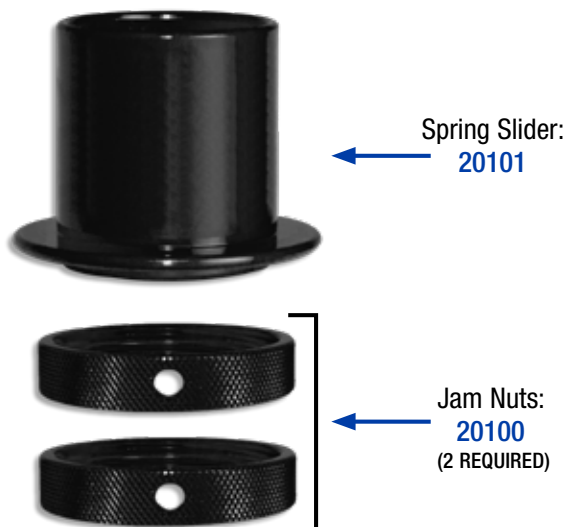


COIL-OVER KIT: 20123A



COIL-OVER KIT: 100096

AFCO SMALL BODY DUAL STAGE COIL-OVER ASSEMBLY



Complete Small Body Dual Stage Kit: **20121**



Secondary Spring

DESCRIPTION	PART #
DUAL STAGE HARDWARE KIT (2 X 20100 & 1 X 20101)	20121
DUAL STAGE JAM NUT	20100
DUAL STAGE SPRING SLIDER	20101
25LBS 4" DUAL STAGE SPRING	29025-3B

HOW IT WORKS

AFCO's Dual Stage Coil-Over assembly provides variable spring rates that can be used to improve traction and handling in the slickest of conditions. Additionally, the assemblies can help eliminate suspension bottoming problems common with today's open wheel racecars. For use with 1-7/8" small diameter springs. AFCO Dual Stage Coil-Over assemblies use two coil-over springs, a special nylon slider for small body shocks that fits between the two springs. Also, two special, thin-walled nuts are used to jam the slider assembly in order to "stage" suspension stiffness. When the slider assembly (located between the two springs) is free to slide on its shock, the Dual Stage assembly produces a combined spring rate softer than either rate of the two springs used (see combined spring rate formula below).

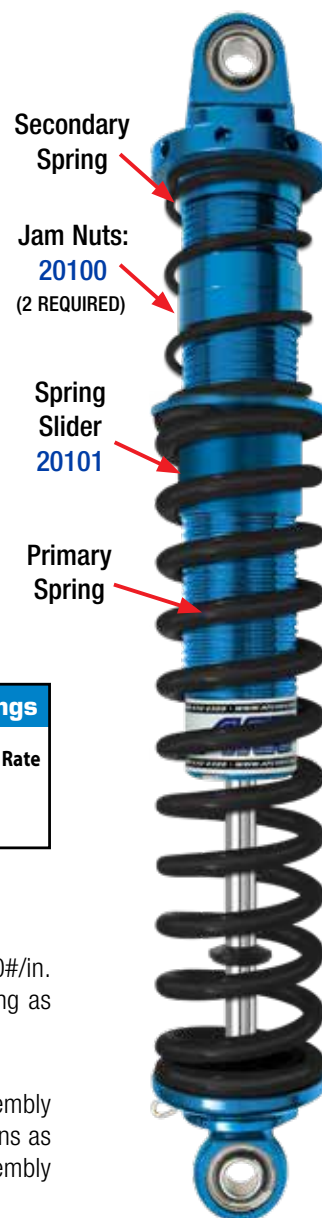
Spring Rate Formula: Dual Active Springs

Primary Spring Rate X Secondary Spring Rate
Primary Spring Rate + Secondary Spring Rate = **Actual Spring Rate**

Example: $\frac{200\#/in. \times 400\#/in.}{200\#/in. + 400\#/in.} = \frac{80,000}{600} = 133.33\#/in.$

NOTE: The combination of a 200#/in. and 400#/in. spring works the same as a single 133#/in. spring as long as both combination springs are active.

However, the spring rate of the Dual Stage assembly stiffens to that of the primary spring, which remains as the sole, active spring whenever the slider assembly contacts the adjustable Dual Stage jam nuts.



BRASS GAUGE FITTINGS

DESCRIPTION	PART #
1/8" FEMALE PIPE TO #4AN (ADAPTS HOSES TO GAUGES)	85259
1/8" MALE PIPE TO #4AN (FITS CHEVY ENGINE BLOCK)	85258



85258



85259

SHOCK ACCESSORIES

TOOLS & SUPPLIES

SMALL BODY TWIN TUBE GUIDE WRENCH

550000666



OVERFLOW CUP



DESCRIPTION	PART #
OVERFLOW CUP (SB, BB, & QM)	550000302

SMALL BODY WRENCH HANDLE



DESCRIPTION	PART #
SMALL BODY WRENCH HANDLE*	700500049
SMALL BODY ALUM. SLEEVE*	700500148

*NOTE: Sleeve is required for usage.

PREMIUM SHOCK OIL

For use in all AFco rebuildable Shocks.



DESCRIPTION	PART #
1 QUART	MT59506
5 GALLONS	165006

ELITE DIGITAL SHOCK INFLATION TOOL

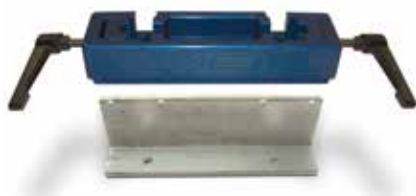
- Dual Pivoting Head: Easily accessible in tight spaces.
- Low-Flow Pressure Relief Button: Makes precise gas pressure adjustments simple.
- Digital Gauge: Ensures accuracy, reducing uncertainty.
- Protective Case: Perfect for travel and rugged use.
- Universal Compatibility: Fits all standard Schrader valves.

DESCRIPTION	PART #
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com



SHOCK VISE AND STAND



DESCRIPTION	PART #
SHOCK VISE AND MOUNTING STAND	20113

ROD GUIDE TOOLS



DESCRIPTION	PART #
ROD GUIDE TOOL (16 SERIES)	A700500053
ROD GUIDE TOOL (63/64 SERIES)	550000281

HEX BLEEDER



DESCRIPTION	PART #
HEX BLEEDER	700500180

HAND BEARING PRESS



DESCRIPTION	PART #
HAND BEARING PRESS	A700500076

SHOCK COMPONENTS

REPLACEMENT PARTS



NEW

UNCUT PISTON BANDS



- Great for high rebound and compression valving.
- Achieve zero point easier.
- More consistent builds.

5 PACK - 55100154046-5
10 PACK - 55100154046-10
25 PACK - 55100154046-25

30MM PISTONS & ACCESSORIES

16 SERIES TWIN TUBE & QUARTER MIDGET



DESCRIPTION	PART #
30MM 0.5° 3-OVAL PISTON	55000021703*
30MM PISTON BAND (QTY. 1)	55000021701
30MM PISTON BAND (QTY. 25)	55000021701-25
30MM DIGRESSIVE SPACER	A550030002X
30MM MACHINED STOP WASHER	0000427

*Includes piston band.

DESCRIPTION	PART #
30MM PISTON NUT	550090220

35MM PISTONS & ACCESSORIES

63 & 64 SERIES



DESCRIPTION	PART #
35MM MAIN PISTON (QTY. 2)	550010031-2
35MM POPPET PISTON	100051
35MM DOUBLE POPPET PISTON	100052
MAIN PISTON O-RING (QTY. 25)	550060012-25
PISTON BAND (QTY. 5)	550060023-5
PISTON BAND (QTY. 25)	550060023-25
63 & 64 SERIES STOP WASHER 35 MM MONOTUBE	550000202
63 & 64 SERIES 5 HOLE BASE VALVE (STANDARD)	55000014210
63 & 64 SERIES 3 HOLE BASE VALVE	55000014213

DESCRIPTION	PART #
BASE VALVE NUT (QTY. 5)	550000203-5
BASE VALVE NUT (QTY. 25)	550000203-25
BASE VALVE BOLT	550000151
PORT RESTRICTOR 3 HOLE	550090201
PORT RESTRICTOR 5 HOLE	550090202
SHIM 3 HOLE (QTY. 5)	550080203-5
DIGRESSIVE 35 MM SPACER	8000061
DIGRESSIVE 35 MM 3 HOLE SPACER	8000062
PISTON NUT (QTY. 5)	550000291-5

16 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES



DESCRIPTION	PART #	DESCRIPTION	PART #
6" THREADED	550010326	6" SMOOTH	550010316
7" THREADED	550010327	7" SMOOTH	550010317
8" THREADED	550010328	8" SMOOTH	550010318
9" THREADED	550010329	9" SMOOTH	550010319
BODY O-RING (QTY. 5)	150X4-5	BODY O-RING (QTY. 5)	150X4-5

REPLACEMENT BODY CAP ASSEMBLIES

DESCRIPTION	PART #
BODY CAP	550010320



REPLACEMENT ROD ENDS



DESCRIPTION	SERIES	PART #
NON-ADJUSTABLE 1" EXT. LENGTH (THREADED ALUM. BODY)	16 (THREADED)	550165101
NON-ADJUSTABLE STD. LENGTH (SMOOTH ALUM. BODY)	16 (SMOOTH)	1007S
NON-ADJUSTABLE 1" EXT. LENGTH (SMOOTH ALUM. BODY)	16 (SMOOTH)	550149110
ADJUSTABLE STANDARD LENGTH	16	550100148
ADJUSTABLE 1" EXT. LENGTH	16	550000103
REPLACEMENT BEARING & CLIP	ALL SERIES	1000

PRESSURE TUBES



DESCRIPTION	PART #	DESCRIPTION	PART #
6" PRESSURE TUBE	55000039406	8" PRESSURE TUBE	55000039408
7" PRESSURE TUBE	55000039407	9" PRESSURE TUBE	55000039409

REPLACEMENT 12.5 MM SHAFT ASSEMBLIES

NON-ADJUSTABLE



DESCRIPTION	PART #	DESCRIPTION	PART #
5"	550070135	7"	550070137
6"	550070136	8"	550070138

SINGLE ADJUSTABLE



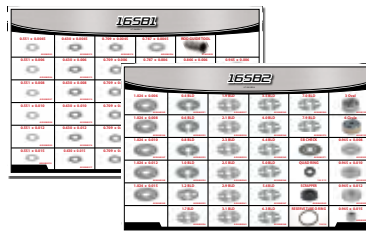
METERING ROD



DESCRIPTION	PART #	DESCRIPTION	PART #
6" 12.5 MM SHAFT	550160036	6" METERING ROD	550070116
7" 12.5 MM SHAFT	550170036	7" METERING ROD	550070117
8" 12.5 MM SHAFT	550180036	8" METERING ROD	550070118
9" 12.5 MM SHAFT	550190036	9" METERING ROD	550070119

Shaft assy. includes: shaft, bushing & tip

NON-ADJ. SMALL BODY TWIN TUBE REBUILD KITS



KITS INCLUDE:

- All common components needed for complete rebuild/ revalve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	16SB1
REBUILD KIT - BLEED SHIMS & ACCESSORIES	16SB2

REPLACEMENT ROD GUIDE ASSEMBLIES



DESCRIPTION	PART #
ROD SCRAPER (5 QTY.)	550060056-5
QUAD RING (5 QTY.)	150X13-5
PRESSURE TUBE O-RING (5 QTY.)	150X4-5
OUTER ROD GUIDE O-RING (5 QTY.)	150X4-5
BLEEDER SCREW WITH O-RING (5 QTY.)	550000658-5

63 & 64 SERIES REPLACEMENT PARTS

REPLACEMENT SHOCK BODIES



DESCRIPTION	PART #
5" THREADED	55000013750
6" THREADED	55000013760
7" THREADED	55000013770
8" THREADED	55000013780
BODY O-RING (QTY. 25)	550000144-25

REPLACEMENT 1/2" SHAFT ASSEMBLIES

63 SERIES



DESCRIPTION	PART #	DESCRIPTION	PART #
5" STROKE 1/2" NON-ADJ.	55000011850	6" METERING ROD	550070116
6" STROKE 1/2" NON-ADJ.	55000011860	7" METERING ROD	550070117
7" STROKE 1/2" NON-ADJ.	55000011870	8" METERING ROD	550070118
8" STROKE 1/2" NON-ADJ.	55000011880	9" METERING ROD	550070119
5" STROKE 1/2" ADJ.	55000011750		
6" STROKE 1/2" ADJ.	55000011760		
7" STROKE 1/2" ADJ.	55000011770		
8" STROKE 1/2" ADJ.	55000011780		
8" STROKE 1/2" ADJ.	55000011790		

REPLACEMENT BODY CAP ASSEMBLIES

DESCRIPTION	PART #
END CAP	550000143
SCHRADER VALVE	550000140
SCHRADER VALVE CAP	MT59080-1
BASE VALVE ASSEMBLY	55000014210



REPLACEMENT ROD GUIDE ASSEMBLIES

DESCRIPTION	PART #
COMPLETE ROD GUIDE ASSEMBLY	55000013810
SEAL, T-SYLE (5 QTY.)	550000147-5
WIPER SEAL (5 QTY.)	550000148-5
OUTER O-RING (5 QTY.)	150X4-5
BLEEDER SCREW WITH O-RING (5 QTY.)	550000658-5



REPLACEMENT ROD ENDS

ADJUSTABLE ROD ENDS



550000157

550000241

NON-ADJUSTABLE ROD ENDS



550000141

550000241-1

DESCRIPTION	SERIES	PART #
ADJUSTABLE STANDARD LENGTH (BLACK)	63	550000157
ADJUSTABLE 1" EXTENDED LENGTH (BLACK)	63	550000241
NON-ADJUSTABLE STANDARD LENGTH (ALUM.)	64	550000241
NON-ADJUSTABLE 1" EXTENDED LENGTH (BLACK)	64	550000241-1
REPLACEMENT BEARING & CLIP	ALL SERIES	1000

SMALL BODY MONOTUBE REBUILD KITS



KITS INCLUDE:

- All common components needed for complete rebuild/revolve of multiple shocks.
- Component reference guide with photos and part numbers.

DESCRIPTION	PART #
REBUILD KIT - MAIN SHIMS	MT/TTSB
REBUILD KIT - BASE VALVE ACCESSORIES	63-64BV/AC

REBUILD TOOLS

DESCRIPTION	PART #
ROD GUIDE INSTALLATION CONE	A700500054
OVERFLOW CUP	550000302
ROD GUIDE WRENCH - BIG BODY	550000665
ROD GUIDE WRENCH - SMALL BODY	550000666
SMALL BODY WRENCH HANDLE	700500049
SMALL BODY ALUM. SLEEVE	700500148
HAND BEARING PRESS	A700500076
ROD GUIDE TOOL (63/64 SERIES)	550000281
HEX BLEEDER TOOL	700500180
SHOCK VISE/MOUNTING STAND	20113
AFCO PREMIUM SHOCK OIL 1 QUART	MT59506
ELITE DIGITAL SHOCK INFLATION TOOL*	52-50453

*Available at LongacreRacing.com



AFCO SUSPENSION SPRINGS

OPEN WHEEL COIL-OVER SPRINGS

1-7/8" I.D. SMALL DIAMETER BLACK SPRINGS

- New updated high tensile wire design.
- 8" or 10" free height.
- Fits small body shocks.
- Tightest tolerances in the industry, get the performance you deserve.
- Best warranty in the industry!
Guaranteed not to lose more than 1% of free height.



8" SPRINGS

RATE	PART #
60	29060-2B
75	29075-2B
90	29090-2B
120	29120-2B
135	29135-2B
175	29175-2B
200	29200-2B
225	29225-2B
250	29250-2B
275	29275-2B
300	29300-2B
400	29400-2B

10" SPRINGS

RATE	PART #
60	29060-1B
75	29075-1B
90	29090-1B
105	29105-1B
120	29120-1B
135	29135-1B
150	29150-1B
160	29160-1B
175	29175-1B
200	29200-1B
250	29250-1B
275	29275-1B
350	29350-1B
425	29425-1B

1-7/8" I.D. DUAL STAGE SPRINGS

AFCO's Dual Stage Coil-Over assembly provides variable spring rates that can be used to improve traction and handling in the slickest of conditions. Additionally, the assemblies can help eliminate suspension bottoming problems common with today's open wheel racecars.

DESCRIPTION	RATE	PART #
4" DUAL STAGE SPRING	25	29025-3B



HOW IT WORKS

AFCO Dual Stage Coil-Over assemblies use two coil-over springs, a special nylon slider for small body shocks that fits between the two springs. Also, two special, thin-walled nuts are used to jam the slider assembly in order to "stage" suspension stiffness. When the slider assembly (located between the two springs) is free to slide on its shock, the Dual Stage assembly produces a combined spring rate softer than either rate of the two springs used (see combined spring rate formula below).

Spring Rate Formula: Dual Active Springs

Primary Spring Rate X Secondary Spring Rate
Primary Spring Rate + Secondary Spring Rate = Actual Spring Rate

Example: $\frac{200\#/in. \times 400\#/in.}{200\#/in. + 400\#/in.} = \frac{80,000}{600} = 133.33\#/in.$

Note: The combination of a 200#/in. and 400#/in. spring works the same as a single 133#/in. spring as long as both combination springs are active. However, the spring rate of the Dual Stage assembly stiffens to that of the primary spring, which remains as the sole, active spring whenever the slider assembly contacts the adjustable Dual Stage jam nuts.

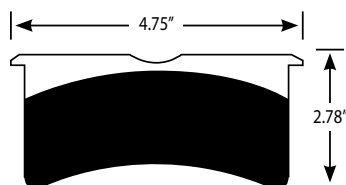


AFCO BRAKES

BRAKE PADS

AFCO proudly offers its line of racing and high performance brake pads. These brake pads have gone through extensive development and testing in the toughest racing environments. Our racing brake pads are derived from the latest materials in friction products and utilize the latest technologies in brake pad manufacturing.

- Improved stopping power.
- High torque with excellent control qualities.
- Exceptional high temperature performance.
- User friendly/easy break-in.
- Exceptional pad and rotor wear.
- Available in seven compounds (C1, 33, C2, 32, 34, Aluminum and Titanium) to fit popular caliper styles.



F88 / SL

COMPOUND C1

6651011

This compound was designed and developed to meet the braking needs of medium to high-temperature racing applications. As brake system temperatures quickly increase and decrease, C1 provides consistent performance while remaining very fade resistant. C1 has proven to be extremely rotor-friendly and provides exceptional pad life without requiring lengthy pad break-in (bedding) procedures. C1 is widely used in dirt track racing and is the ultimate pad choice for all medium temperature applications. Recommended temperature use: 400 to 900 degrees.

COMPOUND C2

6651021

This compound provides exceptional high-temperature performance. C2 is designed to withstand wide-ranging temperature changes, giving the driver predictable pedal feel and excellent control qualities lap after lap. C2 is high in torque value yet has very long pad wear. Compound C2 is the perfect choice for all higher temperature applications. Recommended temperature use: 500 to 1200 degrees.

PILLAR VANE ROTORS



- Designed using premium grade alloys for superb thermal shock stability.
- Machined and double disc ground to assure precise flatness.
- Precise pillar placement for high volume cooling.
- Premium center - split castings reduce stress risers.
- Rotationally machined balanced - CNC.
- 8 X 7" Bolt circle.

DESCRIPTION	THICK	DIA	WEIGHT	PART #
PILLAR VANE SLOTTED ROTOR RH	.810"	11.75"	8.1 LBS.	6640104
PILLAR VANE SLOTTED ROTOR LH	.810"	11.75"	8.1 LBS.	6640105

BRAKE ACCESSORIES

BRAKE LINES

90° KEVLAR BRAKE LINE - 3 AN & 4 AN



DESCRIPTION	END TYPES	PART #
18" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-18
24" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-24
30" KEVLAR LINE, AN 3	AN 3 - (1) STRAIGHT END, (1) 90° END	6684055-30
12" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-12
18" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-18
24" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-24
30" KEVLAR LINE, AN 4	AN 4 - (1) STRAIGHT END, (1) 90° END	6684056-30

KEVLAR BRAKE LINE - 3 AN



DESCRIPTION	PART #	DESCRIPTION	PART #
12" AN 3 ENDS	6684053-12	24" AN 3 ENDS	6684053-24
14" AN 3 ENDS	6684053-14	30" AN 3 ENDS	6684053-30
16" AN 3 ENDS	6684053-16	34" AN 3 ENDS	6684053-34
18" AN 3 ENDS	6684053-18	38" AN 3 ENDS	6684053-38
22" AN 3 ENDS	6684053-22	48" AN 3 ENDS	6684053-48

STEEL BRAIDED BRAKE LINE - AN 3 & AN 4



DESCRIPTION	END TYPE	PART #
18" AN 3	STRAIGHT ENDS	40265-18
24" AN 3	STRAIGHT ENDS	40265-24
18" AN 3	90 DEG ON 1 END	40264-18
24" AN 4	STRAIGHT ENDS	40262-24
36" AN 4	STRAIGHT ENDS	40262-36
18" AN 4	90 DEG ON 1 END	40263-18
24" AN 4	90 DEG ON 1 END	40263-24

KEVLAR BRAKE LINE - 4 AN



DESCRIPTION	PART #	DESCRIPTION	PART #
12" AN 4 ENDS	6684054-12	24" AN 4 ENDS	6684054-24
14" AN 4 ENDS	6684054-14	30" AN 4 ENDS	6684054-30
16" AN 4 ENDS	6684054-16	34" AN 4 ENDS	6684054-34
18" AN 4 ENDS	6684054-18	38" AN 4 ENDS	6684054-38
22" AN 4 ENDS	6684054-22	48" AN 4 ENDS	6684054-48

BRAKE SYSTEM FITTINGS



6680001



6680002



6680003



6680004



6680005



6680006



6680007

DESCRIPTION	APPLICATION	PART #
1. 1/8"-NPT MALE - 3 MALE (45°)	ALUMINUM BRAKE CALIPER FITTING	6680001
2. 1/8"-NPT MALE - 4 MALE (45°)	ALUMINUM BRAKE CALIPER FITTING	6680002
3. 1/8"-NPT MALE - 3 MALE	ALUMINUM BRAKE CALIPER FITTING	6680003
4. 1/8"-NPT MALE - 4 MALE	ALUMINUM BRAKE CALIPER FITTING	6680004

DESCRIPTION	APPLICATION	PART #
5. 1/8"-NPT MALE - 3 MALE (90°)	ALUMINUM BRAKE CALIPER FITTING	6680005
6. 1/8"-NPT MALE - 4 MALE (90°)	ALUMINUM BRAKE CALIPER FITTING	6680006
7. MT 10 MALE - 3 AN MALE	ALUMINUM BRAKE CALIPER FITTING	6680007



HIGH PERFORMANCE HTX BRAKE FLUID

- Dry boiling point of 600°+.
- A "must have" for asphalt cars.
- Non-silicone fluid.
- Sealed in steel can for longer shelf life.
- Best value in brake fluid on the market.

DESCRIPTION	PART #
HTX SINGLE 16.9 OZ. CAN	6691903
HTX CASE (12 CANS)	6691904



HIGH PERFORMANCE HT BRAKE FLUID

- Dry boiling point 500°+.
- Non-silicone fluid.
- Eliminates brake fade due to fluid failure caused by heat.

DESCRIPTION	PART #
HT SINGLE 12 OZ. BOTTLE	6691901
HT CASE (12 CANS)	6691902

AFCO COOLING

ALUMINUM RADIATORS

Every AFCO radiator is built from detailed, computer-designed specifications and uses precision CNC laser-cut parts for exact tolerances. We never stamp tanks. Our tanks are either laser-cut and precision-welded or formed using a "drawn" technique that keeps a uniform thickness and eliminates weak spots.

AFCO understands the vital role the radiator plays in protecting the investment you have in your car. That is why we make no excuses or compromises in constructing the best aftermarket radiators in the industry. Don't trust your pride and joy to anything less than AFCO quality!



FROM CORE TO FINISHED PRODUCT...

MADE BY EXPERTS

Quality control and strict production tolerances are key to developing a premium product. Controlling these aspects in-house means AFCO radiators are produced to the highest standards without compromise.



100% ALUMINUM CONSTRUCTION

By using a modern furnace-brazed process, all AFCO radiators feature all-aluminum construction without the need for epoxy. Not only does this make for a lighter radiator, but the common material bonding provides for increased thermal efficiency as well.



ADVANCED MANUFACTURING

Our robotic welding cell for high volume production features a new Fanuc Robot and CMT technology. We also have water jet, laser cut, CNC brake and other capabilities. Our engineering professionals use the most advanced platforms, such as CREO, to design the most innovative products in the industry.



PREMIUM QUALITY

AFCO produces high quality radiators and cores. These cores are epoxy free and defect free. Each part goes through our stringent quality control process. We pressure-test every one of our radiators to ensure that our customers will keep their cool on the track.

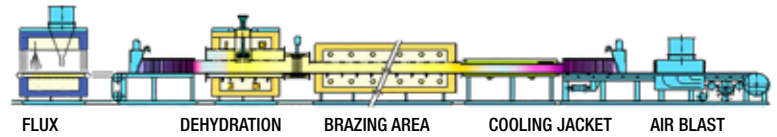
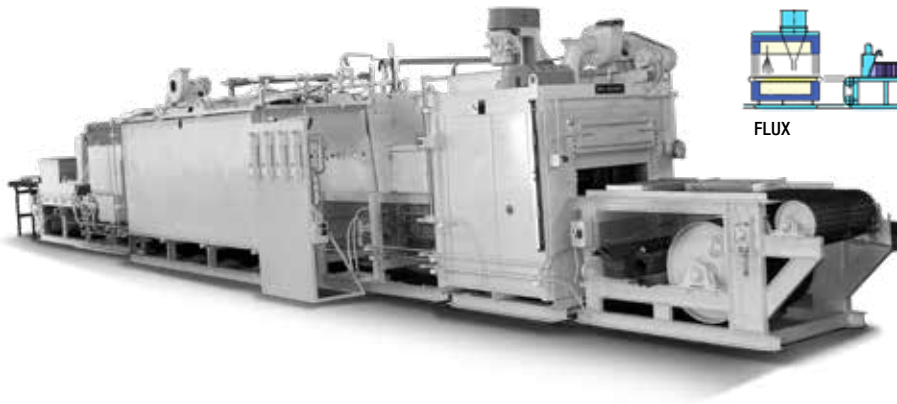


SPECIAL APPLICATIONS

In-house design and fabrication allows us to conceptualize, prototype, test, and manufacture custom cooling systems for a wide variety of applications. If you have a specialty radiator need, AFCO can deliver.



STATE-OF-THE-ART ALUMINUM BRAZING

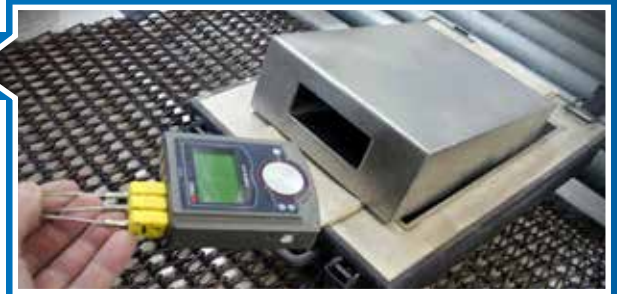


FURNACE SPECIFICATIONS

30" Wide Belt
8" Pass Height
18-22 Cores/Hour

STAINLESS STEEL "HOTBOX" DATA RECORDER

Brazing profiles are created for each core based on the total mass weight. The furnace temperatures and belt speeds are adjusted based on feedback from a data recorder. The hotbox ensures a quality braze profile for each core.



FURNACE CONTROLS

The furnace is controlled via a touch screen HMI panel. Each component uses a unique brazing profile that is developed and saved as a recipe. This recipe includes belt speed, zone temperatures, and nitrogen flow. The system software also provides features such as historical brazing data and maintenance scheduling.



OUR CORE STANDARDS

Every part of a core is important, but the quality of the headers is an absolute must. The tube slots must be punched with a maximum of .002" clearance for a precise tube fit. While others use single-sided clad material, AFCO uses double-sided clad for all the headers. This provides a fillet joint around the tube on both sides of the header, doubling the strength of the joint. You simply cannot build a better, stronger core. The use of .080 double clad material and extruded side channels provides a core strong enough to handle over one million pressure cycles, without a tube-to-header joint failure.



Serpentine
Louvered
Fin @ 16fpi



Clad Fillets
on Both
Sides



Double
Clad
.080 Headers

SPRINT CAR RADIATORS

Available in "Thermal Coating" - Call for details.

SPRINT DOWNFLOW RADIATOR

80203N

AFCO Racing Products is proud to announce our new Downflow Radiator for Sprint Car applications. This new radiator can be used on both wing and non-wing sprint cars. All AFCO Radiators are 100% TIG-welded with no epoxy used and are 100% pressure tested.

- **Downflow Design.**

- 1.50" outlet.
- 12.4 pounds dry weight.
- 20" wide x 21-3/16" tall x 2" thick.
- Four 10 AN O-ring female fittings.
- Single row 1.50" lightweight performance core.
- All-aluminum, TIG-welded construction.
- Radiator will require a tray in order to be installed.



305 SPRINT TRIPLE PASS RADIATOR

80202N

Targeted at virtually every engine and chassis combination, AFCO has hit the mark with two versions of aluminum radiators for Sprint Cars. Our Sprint Car Radiators feature a superior cooling design and all-aluminum construction. The radiators are 100% TIG-welded with no epoxy used. They have two rows of 1.25" tubes, four O-ring female bungs, and a 1.5" outlet. They also have laser cut mounts for Dzus tabs and can be mounted straight or angled.

- **Triple Pass.**

- Two row 1.25" tubes.
- Four 10 AN O-ring female fittings on the driver's side.
- 1.50" Outlet.
- Laser cut mounts for Dzus tabs.
- Can be mounted straight or angled.
- 20.50" wide x 19.75" tall x 3.25" tanks.



LIGHTWEIGHT DZUS MOUNT DOUBLE PASS RADIATOR

80209N

AFCO Racing Products is proud to announce our new Lightweight Dzus Mount Radiator for Sprint Car applications. This new lightweight radiator can be used on both wing and non-wing sprint cars. This radiator has a dry weight of 12.15 lbs. and clears inside the frame rail hoods. All AFCO Radiators are 100% TIG-welded with no epoxy used and are 100% pressure tested. They also have laser cut mounts for Dzus tabs and can be mounted straight or angled.

- **Crossflow double pass design.**

- Dry weight of 12.15 lbs.
- Single row 1.50" lightweight performance core.
- 1.50" outlet.
- Two 6 AN male fittings and two 8 AN male fittings.
- Laser cut mounts allow for Dzus tabs.
- Can be mounted straight or angled.
- All-aluminum, TIG-welded construction.
- 20.58" wide x 20" tall x 2.05" tanks.



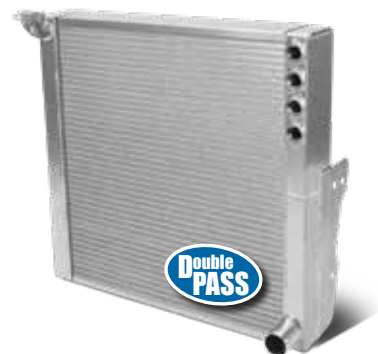
DOUBLE PASS RADIATOR

80201N

AFCO Racing Products is proud to announce the launch of our new Sprint Car Radiator Program. Targeted at virtually every engine and chassis combination, AFCO has hit the mark with two versions of aluminum radiators for Sprint Cars. Our Sprint Car Radiators feature a superior cooling design and all-aluminum construction. The radiators are 100% TIG-welded with no epoxy used. They have two rows of 1.25" tubes, four O-ring female bungs, and a 1.5" outlet. They also have laser cut mounts for Dzus tabs and can be mounted straight or angled.

- **Double Pass.**

- Two row 1.25" tubes.
- Four 10 AN O-ring female fittings, passenger side.
- 1.50" outlet.
- Laser-cut mounts for Dzus tabs.
- Can be mounted straight or angled.
- 20.50" wide x 19.75" tall x 3.25" tanks.



MICRO / MINI / MIDGET RADIATORS

CAGE MOUNT RADIATORS

- **The BEST radiator value in the open wheel market!**
- **NO FLUID BYPASS!** 360° TIG-welded baffle for a TRUE double-pass design.
- **18% More coolant capacity than the competition** - for the ultimate in cooling efficiency!
- Available with 3/4" NPT or 1" Push-On Hose Connections.



80205 - (17" x 12-1/8")

80206 - (16-1/8" x 17")
NOT A DOUBLE PASS

DESCRIPTION	PART#
17" X 12-1/8" DOUBLE PASS CAGE MT. W/ NPT FITTING	80205
17" X 12-1/8" DOUBLE PASS CAGE MT. W/ 1" PUSH ON FITTING	80205-1
16-1/8" X 17" DOWN FLOW FRONT MT. W/ 1" PUSH ON FITTING	80206
21" X 12" DOUBLE PASS CAGE MT. W/ NPT FITTING	80207
21" X 12" DOUBLE PASS CAGE MT. W/ 1" PUSH ON FITTING	80207-1
12-1/8" X 17" DOUBLE PASS DOWN FLOW FRONT MT.*	80208

*With 1-1/2" Push on & (3) 3/8" NPT fitting.



80208 - (12-1/8" x 17")



80207 - (21" x 12")

LANCE DEWEASE



AFCO COOLING ACCESSORIES

RADIATOR CAPS

Quality radiator caps help prevent the loss of coolant that can lead to overheating.

DESCRIPTION	PART #
A) STANT 21-25 LBS. CAP	80153
B) RADIATOR CAP-20 LBS.	80151
C) RADIATOR CAP-29-31LBS.	80050
D) RADIATOR CAP MINI 13 LBS.	80152X-1



A
21-25 lbs. Pressure



B
20 lbs. Pressure



C
29-31 lbs. Pressure



D
29-31 lbs. Pressure

WELD-ON FITTINGS



MALE	PART #	FEMALE	PART #
6AN FITTING	700050040	1/8" FP FITTING	80128X12
8AN FITTING	700050041	1/4" FP FITTING	80128X5
10AN FITTING	700050037	3/8"-18 FP FITTING	80128X10
12AN FITTING	80128X8	1/2"-14 FP FITTING	80128X11
16AN FITTING	80128X9	3/4" FP FITTING	80128X6
20AN FITTING	80128X20	1" FP FITTING	80128X7

AN FEMALE O-RING WELD ON STYLE BUNG



DESCRIPTION	PART #
10 AN FITTING	80128X-10AN
12 AN FITTING	80128X-12AN
16 AN FITTING	80128X-16AN

**O-Rings sold separately.*

ALUMINUM RADIATOR TUBES



DESCRIPTION	PART #
135° - 1.25" TUBE SIZE	88135125
135° - 1.50" TUBE SIZE	88135150
135° - 1.75" TUBE SIZE	88135150
105° - 1.25" TUBE SIZE	88105125
105° - 1.50" TUBE SIZE	88105150
105° - 1.75" TUBE SIZE	88105175
90° - 1.25" TUBE SIZE	88090125
90° - 1.50" TUBE SIZE	88090150
90° - 1.75" TUBE SIZE	88090175

Used with silicone hoses.

1-3/4" FLOW RESTRICTOR

Restricts flow in lower hose.



DESCRIPTION	PART #
1-3/4" FLOW RESTRICTOR	80068

RADIATOR REPAIR KIT

Repairs small leaks in aluminum radiators.



DESCRIPTION	PART #
EPOXY SOLDER	80161

CUSTOM OVAL TRACK RADIATORS

BUILT THE WAY YOU WANT IT!

AFCO Racing Products offers custom built radiators. Call 800-632-2320 for more details or to order your custom radiator!

- Built with fabricated tanks.
- Any inlet/outlet size and configuration.
- Common core sizes for any application.

DESCRIPTION

MINI SPRINT RADIATOR

PART

80009-NA



ZACK PRETORIUS



NEW 53 SERIES: QM3

MONOTUBE QUARTER MIDGET SHOCKS

- Vibration Reduction Technology (VRT) enhances driver feel and reduces fatigue.
- Upgraded precision machined internal components provide improved shock consistency.
- Near-zero drag sealing system improves weight transfer and driver smoothness.
- Floating piston design with low-friction coating for smoother, more consistent operation.
- New gas chamber components provide near-zero rod pressure gain for improved driver feel.
- Upgraded stainless steel base valve and piston.
- Comes with coil-over kit. Choice of flat cone or tall cone.
- Schrader valve option offered.
- Fast turnaround time for rebuilds at AFCO.
- Trackside support by many AFCO dealers, authorized shock tuners, and AFCO technicians.
- AFCO technical line available at 800-632-2320 to answer your questions.



Includes
Coil-Over Kit

	COMPRESSED	EXTENDED
2.5" STROKE	8"	10.50"



3 STEPS TO SELECT YOUR QM2 SHOCKS

1 PICK YOUR VALVE CODE

DIRT TRACK

	TRACK CONDITION	VALVE CODE
LEFT FRONT	BASE	3 VALVE
	SLICK	3 VALVE
RIGHT FRONT	BASE	3 VALVE
	SLICK	3 VALVE
LEFT REAR	BASE	3 VALVE
	SLICK	3 VALVE
RIGHT REAR	BASE	3 VALVE
	SLICK	3-4 VALVE

PAVEMENT TRACK

	TRACK CONDITION	250-275 LBS. QUARTER MIDGET	325-340 LBS. QUARTER MIDGET
LEFT FRONT	BASE	3 VALVE	4 VALVE
RIGHT FRONT	BASE	3 VALVE	4 VALVE
LEFT REAR	BASE	3 VALVE	4 VALVE
RIGHT REAR	BASE	3 VALVE	4 VALVE

2 PICK YOUR COIL-OVER KIT T = TALL CONE S = SHORT CONE

	RF	RR	LF	LR
RSR RACE CARS	S	S	S	S
NOTES: LR SHOCK NEEDS AN EXTENDED ROD END.				
ARC CARS	T	T	T	T
NOTES: RR AND LR SHOCKS NEED AN EXTENDED ROD END.				
BULLRIDER RACE CARS	T	S	T	S
NC CHASSIS	S	S	S	T
NOTES: RR SHOCK IN THE BOTTOM BIRD CAGE HOLE, USE AN EXTENDED ROD END.				
STORM CHASSIS	S	S	S	S
NOTES: LR SHOCK NEEDS AN EXTENDED ROD END.				
TALON CHASSIS	S	S	S	S
NOTES: LR SHOCK NEEDS AN EXTENDED ROD END.				
PROWLER RACE CARS	S	S	S	S
NOTES: LR SHOCK NEEDS AN EXTENDED ROD END.				
FISER RACE CARS	T	T	T	T
EAGLE CHASSIS	S	S	S	S
SHERMAN RACE CARS	S	S	S	S
UQM X-WING CARS	T	T	T	T

3 PICK YOUR QUARTER MIDGET SHOCKS 533 = STANDARD, LOW FRICTION GAS PORT 534 = SCHRADER VALVE

52 SERIES (W/ SHORT CONE)	2.5" STROKE
3 VALVE	533-30-30-0
3-4 VALVE	533-30-40-0
3-5 VALVE	533-30-50-0
4 VALVE	533-40-40-0
5 VALVE	533-50-50-0
5-3 VALVE	533-50-30-0

52 SERIES (W/ TALL CONE)	2.5" STROKE
3 VALVE	533-30-30T-0
3-4 VALVE	533-30-40T-0
3-5 VALVE	533-30-50T-0
4 VALVE	533-40-40T-0
5 VALVE	533-50-50T-0
5-3 VALVE	533-50-30T-0

FOR EXTENDED ROD END USE,
CHANGE "- 0" TO "- 1"

QM SHOCK REPLACEMENT PARTS

QM ROD GUIDE

550100153



QM SHAFT REBUILD KIT

200113



QM SEAL/SHAFT KIT

200112



REPLACEMENT SHAFT

550070140



SEAL KIT

200037



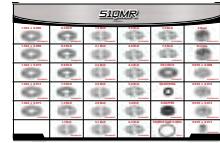
TRAVEL MARKER (5 PACK)

550000232-5



QM SHOCK REBUILD KITS

52QMR



COIL-OVER KITS

Shocks come with either short cone kit or tall cone kit.

DESCRIPTION	PART#
SHORT SPRING CONE KIT	20114
TALL SPRING CONE KIT	20115
SHORT CONE ONLY	90231
TALL CONE ONLY	90232
NUT ONLY	90234
SPRING CLIP FOR COIL-OVER CONE	10243SR



ROD ENDS

DESCRIPTION	PART#
.625" EXTENDED ROD END	550010381
STANDARD ROD END	550100154



AFCO PREMIUM SHOCK OIL

DESCRIPTION	PART#
1 QUART	MT59506
5 GALLONS	165006



QM TOOLS & SUPPLIES

QM ROD GUIDE WRENCH

A700500171



QUARTER MIDGET WRENCH HANDLE & SLEEVE

Wrench and aluminum sleeve
sold separately.

*NOTE: Sleeve is required for usage.



DESCRIPTION	PART#
WRENCH HANDLE*	700500050
ALUMINUM SLEEVE*	700500164

BASE VALVE WRENCH

550000314



QM OVERFLOW CUP

550000302



QM DYNO CLEVIS PAIR

550000315



SHOCK HEX BLEEDER TOOL

700500180



5/64"
NEW STYLE HEX

SHOCK VISE AND MOUNTING STAND

20113



QUARTER MIDGET RACE CAR SPRINGS

- Quarter midget race cars require very precise tuning. This new line of AFCO quarter midget springs is available in 5 lb. increments to help dial in your set-up.
- Spring design was optimized for performance and consistent rate throughout the usable range. This resulted in the best performance to weight ratio of any spring on the market.
- Spring material is of the highest quality and provides consistent heights and rates throughout the life of the spring.
- During manufacturing, each spring is compression set to minimize change in free height during the life of the spring.
- Each spring has the part number engraved by hand on the end as AFCO has done over the last 40 years.

**NOW WITH
DURABLE BLACK
POWDER COAT
FINISH!**



QM 1-5/8" I.D. SPRINGS

- Super strong high tensile steel in a lightweight design.
- Consistent rates throughout full range of travel.
- Lifetime warranty.

AFCOIL LIFETIME WARRANTY

AFCOIL springs are manufactured using the finest spring material available. They are designed for extended life and consistent performance. They are guaranteed to do the job for which they are designed for as long as they are owned by the original purchaser.

COIL-OVER SPRINGS: AFCO will replace any AFCOIL spring that ever exceeds the maximum allowable 1% loss of free height from original nominal specification. One way freight is included.

1. Guarantee applies to original retail purchaser only.
2. Damaged springs not covered by warranty.
3. Spring must be returned to AFCO freight prepaid along with a copy of the original invoice.
4. No other warranty, either expressed or implied, applies to AFCOIL springs. (Warranty not valid without invoice.)



4" SPRINGS

RATE	PART #
65	29065-4
70	29070-4
75	29075-4
80	29080-4
85	29085-4
90	29090-4
95	29095-4
100	29100-4
105	29105-4
110	29110-4
115	29115-4
120	29120-4
125	29125-4
130	29130-4
135	29135-4
145	29145-4
155	29155-4
165	29165-4

5" SPRINGS

RATE	PART #
95	29095-5
100	29100-5
110	29110-5
115	29115-5
125	29125-5
135	29135-5

QM SHOCK ADJUSTMENTS

OPTIONS TO CORRECT A FRONT-END PUSH CONDITION. (UNDERSTEER)

Tight on CORNER ENTRY:

- 1) Increase rebound in L.R. shock.
- 2) Increase compression in R.R. shock.
- 3) Increase rebound in front shocks.
- 4) Reduce compression in front shocks.

Tight in MIDDLE OF CORNER:

- 1) Increase compression in R.R. shock.
- 2) Increase rebound in front shocks.
- 3) Reduce compression in front shocks.
- 4) Increase pressure in R.R. shock.

Tight on CORNER EXIT:

- 1) Reduce rebound in L.R. shock.
- 2) Increase compression in R.R. shock.
- 3) Increase rebound in front shocks.
- 4) Increase pressure in R.R. shock.

OPTIONS TO CORRECT A LOOSE REAR END CONDITION. (OVERSTEER)

Loose on CORNER ENTRY:

- 1) Increase compression in front shocks.
- 2) Reduce rebound in L.R. shock.
- 3) Reduce rebound in L.F. shock.
- 4) Reduce compression in R.R. shock.
- 5) Reduce pressure in rear shocks.

Loose in MIDDLE OF CORNER:

- 1) Increase compression in front shocks.
- 2) Reduce compression in R.R. shock.
- 3) Reduce rebound in L.F. shock.
- 4) Reduce rebound in R.F. shock.
- 5) Reduce pressure in rear shocks.

Loose on CORNER EXIT:

- 1) Reduce compression in R.R. shock.
- 2) Increase rebound in L.R. shock.
- 3) Reduce rebound in front shocks.
- 4) Reduce pressure in R.R. shock.

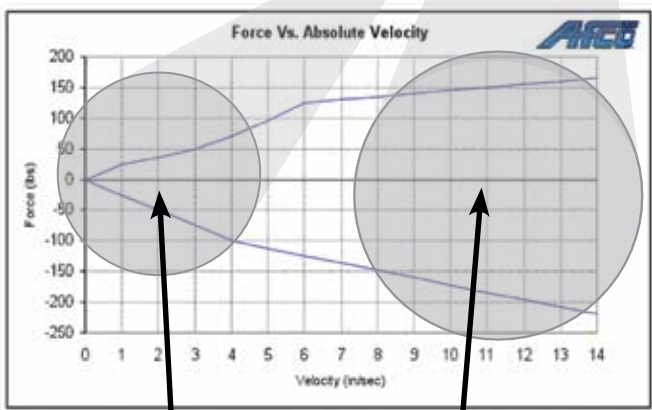
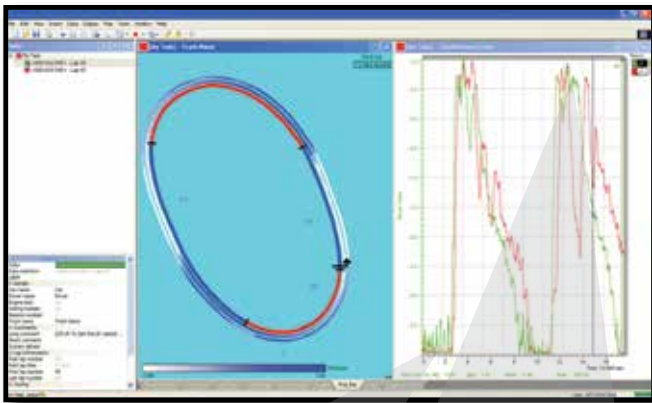
SHOCK TECH

SHOCK PISTON 101

AFCO's engineering department utilizes the "EMA" dyno to develop new internal shock components, evolve existing shock packages, and prove new technology. The EMA dyno also allows AFCO to "play back" data collected from the onboard data acquisition system. This "playback" function allows the Engineering staff the ability to see the forces being applied to the shock in "Real Time" at any position on the race track.



A low-level view of how AFCO engineers compare on-track data acquisition with state-of-the-art dyno equipment to create the perfect shocks for your race car.



Low Shock Speeds

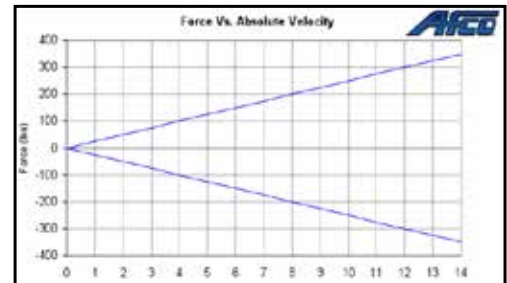
Helps tune chassis dynamics through the corner to optimize driver feel.

High Shock Speeds

Helps tune chassis dynamics through bumps and ruts, tune quick transitions on and off throttle, and tune quick transitions on and off brake.

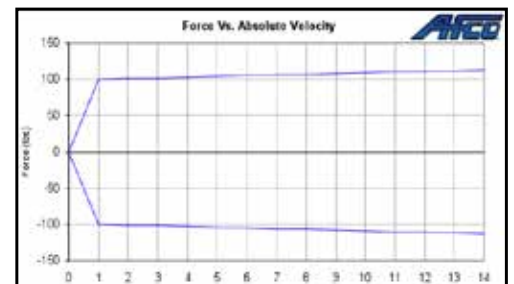
LINEAR-LINEAR VALVING

- Reduced Low Speed Forces that promote driver feel.
- Mid to High Speed to control bumps and ruts.



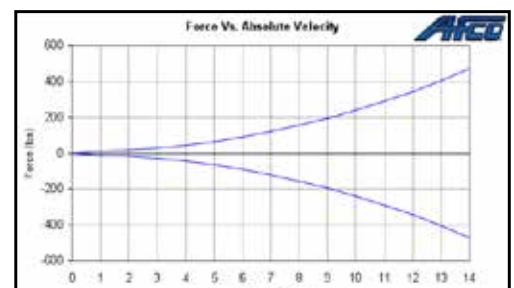
DIGRESSIVE-DIGRESSIVE VALVING

- More low speed control to stabilize car.
- Modifieds use digressive valving on LR compression to slow down travel and maintain roll steer.
- Open Wheel cars utilize digressive valving on LR rebound on mid-exit to drive off corner.
- Pavement Late Models use digressive valving on front shocks with big bar/soft spring setups.



PROGRESSIVE-PROGRESSIVE VALVING

- Soft low to mid speeds to promote driver feel and chassis movement.
- High speed damping to control car over bumps.



NOTE: Any AFCO shock can be made with any combination of these three types of valving. For example: Linear-Linear, Digressive-Linear, Progressive-Digressive, etc.

STREET STOCK - TUNING GUIDE

4-LINK TUNING

TO TIGHTEN

CORNER ENTRY

(off throttle)

- Stiffen LF spring.
- Decrease compression RR shock.
- Decrease rebound LR shock.
- Soften RF spring¹.
- Decrease compression RF shock.
- Decrease LS weight %.
- Shorten RS wheelbase/lengthen LS.

CORNER EXIT

(on throttle)

- Stiffen LR spring.
- Increase wedge¹.
- Stiffen RF spring¹.
- Decrease rebound LF shock.
- Decrease rebound RF shock.
- Decrease compression LR shock.

4-LINK TUNING

TO LOOSEN

CORNER ENTRY

(off throttle)

- Soften LR spring.
- Increase rebound LR shock.
- Increase rebound LF shock.
- Stiffen RF spring⁴.
- Increase LS weight %.
- Lengthen RS wheelbase/lengthen LS.

CORNER EXIT

(on throttle)

- Soften LF spring.
- Decrease wedge².
- Soften RF spring².
- Increase rebound front shocks.
- Stiffen RR spring².
- Increase compression RR shock¹.
- Lengthen RS wheelbase / lengthen LS.

1. Can also loosen off-throttle handling.

2. Can also tighten off-throttle handling.

3. Can also loosen on-throttle handling.

4. Can also tighten on-throttle handling.

**OVERALL CHASSIS TUNING
APPLIES TO ALL TYPES OF
CHASSIS:**

To Loosen:
Increase stagger
Lower ballast
Decrease rear weight %

To Tighten:
Reduce stagger
Raise ballast
Increase rear weight %

SPRINT CAR - TUNING GUIDE

NON-WING SPRINTS

SHOCK BASELINE

HEAVY TRACK

- Left Front: 1674-6/1674-6S.
- Right Front: 1675/1675S.
- Left Rear: 1693-9S.
- Right Rear: 1695S.

INTERMEDIATE TRACK

- Left Front: 1675-3/1675-3S.
- Right Front: 1675-3/1675-3S.
- Left Rear: 1693-8S.
- Right Rear: 1695S.

SLICK TRACK

- Left Front: 1675-3 / 1675-3S.
- Right Front: 1675-2 / 1675-2S.
- Left Rear: 1693-7S or 1693-8S.
- Right Rear: 1694S.

**Tuning Note: The amount of Left Rear tie-down may vary by the amount of stagger and driving style. The above shock valvings are baseline suggestions only. The most critical shock to tune with on non-wing sprint cars is the left rear.

WINGED SPRINTS

SHOCK BASELINE

HEAVY TRACK

- Left Front: 1674-6/1674-6S.
- Right Front: 1675/1675S.
- Left Rear: 1694-8S.
- Right Rear: 1695S.

INTERMEDIATE TRACK

- Left Front: 1675/1675S.
- Right Front: 1675/1675S.
- Left Rear: 1694-8S.
- Right Rear: 1694-5S.

SLICK TRACK

- Left Front: 1674/1674S.
- Right Front: 1675-2/1675-2S.
- Left Rear: 1693-8S.
- Right Rear: 1694S.

**Tuning Note: Be cautious of using easy-up front shocks in slick conditions on winged sprint cars. The combination of a rearward mounted wing and easy-up front shocks can reduce front grip to the point of causing an extreme push condition.

QUARTER MIDGET - TUNING GUIDE

SHOCK ADJUSTMENTS

UNDERSTEER TO CORRECT A FRONT-END PUSH CONDITION.

TIGHT ON CORNER ENTRY

- Increase rebound in LR shock.
- Increase compression in RR shock.
- Increase rebound in front shocks.
- Reduce compression in front shocks.

TIGHT IN MIDDLE OF CORNER

- Increase compression in RR shock.
- Increase rebound in front shocks.
- Reduce compression in front shocks.
- Increase pressure in RR shock.

TIGHT ON CORNER EXIT

- Reduce rebound in LR shock.
- Increase compression in RR shock.
- Increase rebound in front shocks.
- Increase pressure in RR shock.

OVERSTEER TO CORRECT A LOOSE REAR END CONDITION.

HEAVY TRACK

- Increase compression in front shocks.
- Reduce rebound in LR shock.
- Reduce rebound in LF shock.
- Reduce compression in RR shock.
- Reduce pressure in rear shocks.

INTERMEDIATE TRACK

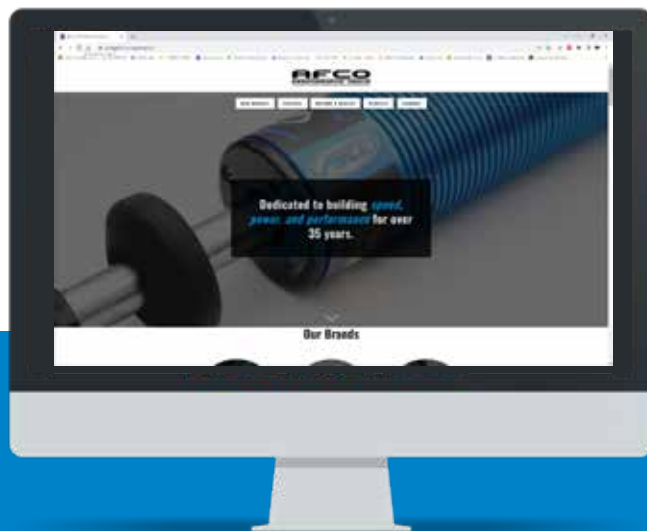
- Increase compression in front shocks.
- Reduce compression in RR shock.
- Reduce rebound in LF shock.
- Reduce rebound in RF shock.
- Reduce pressure in rear shocks.

SLICK TRACK

- Reduce compression in RR shock.
- Increase rebound in LR shock.
- Reduce rebound in front shocks.
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