



Exhaust Insulating Wrap

Turn exhaust heat into a winning edge and keep it away from the engine. Wrap reduces under hood temperatures up to 70% by keeping the heat in the exhaust pipes where it can promote better scavenging and improve horsepower and torque. Choose standard, black graphite, or new Generation II Hi-Heat Copper, with up to 30% more heat resistance. Secure with stainless steel Snap Straps (available separately) or standard hose clamps. May also be purchased in kit form, which includes sufficient exhaust wrap, Snap Straps and Hi-Heat Coating for a set of V-8 headers.



Description	Standard Part No.	Black Graphite Part No.	Hi-Heat Copper Part No.
1" x 1/16" x 50'	THE11001	THE11021	THE11031
2" x 1/16" x 50'	THE11002	THE11022	THE11032
2" x 1/16" x 100'	THE11003	THE11023	—
1" x 1/16" x 15'	THE11151	THE11153	—
2" x 1/16" x 15'	THE11152	THE11154	—
8-Cyl. Exhaust Wrap Kit	THE19202	THE19222	—

Snap Straps

Straps secure exhaust insulating wrap, but may be used for other purposes as well. Narrow profile Snap Straps fit in tight spots and are packaged in pre-cut lengths of 9" and 18" with multi-locks attached.



Part No.	Description
THE13101	.....V-8 Kit, Includes (8) 9" Straps, (4) 18" Straps
THE13150	.....12 Pack Kit, Includes (12) 9" Straps
THE13160	.....6 Pack Kit, Includes (6) 18" Straps

Hi-Heat Coating

Specially formulated coating protects and colors header wrap. Prevents damage from fluids and flying debris. Withstands heat up to 2000°F. Works great on other high temperature applications also.

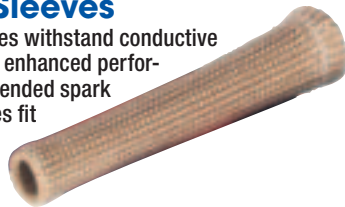
Part No.	Color
THE12001	.....Black
THE12002	.....Aluminum
THE12003	.....Copper



Cool-It Plug Wire Sleeves

Double-wall construction sleeves withstand conductive heat up to 750° F., while offering enhanced performance, reduced misfires and extended spark plug wire life. Universal fit sleeves fit most plug boots and are easy to install.

Part No.	Description
THE14260	.....Natural, 4-Pack
THE14262	.....Black, 4-Pack



Thermo-Sleeve

Thermo-Sleeve protects pipes, hoses and wires from radiant heat up to 2,000°F. Sold in 3 ft. and 12 ft. rolls.



Description	3' Length Part No.	12' Length Part No.
1/4" To 1/2" Dia.	THE14005	THE14006
5/8" To 1" Dia.	THE14010	THE14011
1-1/8" To 1-1/2" Dia.	THE14015	—
1-5/8" To 2" Dia.	THE14020	—
2-1/8" To 2-1/2" Dia.	THE14025	—

Heat Sleeve

Silicone coated fiberglass fire sleeving protects wires, cable and hoses from high temperatures and occasional exposure to flame. Capable of continuous protection to 500° F. and short term exposure up to 2,200° F. Offered in silver or black. Sold in 3' and 10' lengths.

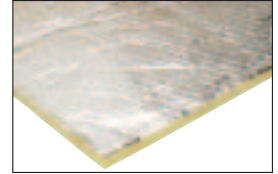


Description	3' Length Part No.	10' Length Part No.
1/2" Dia., Black	THE18050	THE18050-10
1/2" Dia., Silver	THE18051	THE18051-10
3/4" Dia., Black	THE18075	THE18075-10
3/4" Dia., Silver	THE18076	THE18076-10
1" Dia., Black	THE18100	THE18100-10
1" Dia., Silver	THE18101	THE18101-10

Cool-It Insulating Mat

Resin-bonded, silica insulation, sandwiched between Mylar and foil, keeps heat and noise in cockpit to a minimum. Installs quickly; fasteners are included. Choice of two sizes.

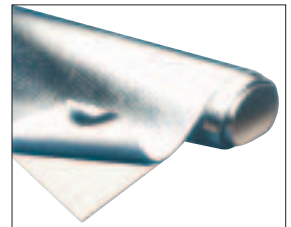
Part No.	Description
THE14100	.....Cool-It Insulating Mat, 24" x 48"
THE14110	.....Cool-It Insulating Mat, 48" x 48"



Aluminized Heat Barrier

Reflective, high temperature barrier withstands radiant heat up to 2,000° F to prevent heat transfer through floorboards. Offered in three sizes: 12" x 12", 12" x 24" and 36" x 40". The two smaller sizes have an adhesive backing for quick installation. Large barrier is secured with rivets and back-up washers or heavy duty spray adhesive.

Part No.	Description
THE13500	.....Adhesive Backed Heat Barrier, 12" x 12"
THE13575	.....Adhesive Backed Heat Barrier, 12" x 24"
THE13585	.....Adhesive Backed Heat Barrier, 24" x 36"
THE13590	.....Adhesive Backed Heat Barrier, 24" x 48"
THE14001	.....Aluminized Heat Barrier, 36" x 40"
THE12005	.....Heavy Duty Spray Adhesive, 16 oz. Aerosol Can



Starter Heat Shield

THE14150

Easily installed kit wraps starter and solenoid to reflect radiant heat. Secures with fasteners provided. Measures 7" x 22".



Sonic Racing Products

A complete line of affordable driveline components designed specifically for short track racing.

MACH I Chevrolet 7.25" Button Clutch/Flywheel Assemblies (CFA)

A cost effective upgrade from heavy stock clutch with a low moment-of-inertia for improved engine acceleration/deceleration. Designed for OEM-type flexplates, bellhousings, and starters, each assembly includes clutch, discs, button flywheel, and bolt kit. Assemblies listed fit all early Chevy V-8's with a two-piece rear main seal.

Part No.	Description
TIL11007	3-Plate, Fine Spline (1-5/32"-26), Button Flywheel
TIL11009	3-Plate, Coarse Spline (1-1/8"-10), Button Flywheel
TIL11010	2-Plate, Coarse Spline (1-1/8"-10), Button Flywheel
TIL11035	1-Plate, Coarse Spline (1-1/8"-10), Button Flywheel



MACH I 7.25" Button Clutch Replacement Components

TIL17007	Floater Plate
TIL19003	Button Flywheel, Early Chevy
TIL19008	Button Flywheel SB Ford
TIL19011	Button Flywheel, Late Chevy
TIL64185-2-AA-06	2-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL64185-2-AA-36	2-Plate Disc Pack, Fine Spline (1-5/32"-26)
TIL64185-2-ABA-06	3-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL64185-2-ABA-36	3-Plate Disc Pack, Fine Spline (1-5/32"-26)



MACH II Chevrolet 5.5" Button Clutch/Flywheel Assemblies (CFA)

Assemblies have a lower moment-of-inertia than the MACH I without a sacrifice in durability. Ideal for asphalt late models, the three-plate clutch has a 750 ft./lb. capacity; two-plate unit has a 500 ft./lb. capacity. Available for Chevy V-8's with one- or two-piece rear main seals. Includes bolt kit.

Part No.	Description
TIL11003	3-Plate, Fine Spline (1-5/32"-26), Button Flywheel
TIL11005	3-Plate, Coarse Spline (1-1/8"-10), Button Flywheel

Late One-Piece Rear Main Seal Applications - External Balance

TIL11045	3-Plate, Fine Spline (1-5/32"-26), Button Flywheel
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MACH II 5.5" Button Clutch Replacement Components

TIL67-118HR	Pressure Plate
TIL67-119	Floater Plate
TIL64140-9-AA-36	2-Plate Disc Pack, Fine Spline (1-5/32"-26)
TIL64140-9-ABA-36	3-Plate Disc Pack, Fine Spline (1-5/32"-26)
TIL64140-9-AA-06	2-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL64140-9-ABA-06	3-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL19002	Button Flywheel, Early Chevy, 2-Pc. Rear Main Seal
TIL19023	Button Flywheel, Late Chevy, 1-Pc. Rear Main Seal - External Balance

Note: Sonic 5.5" and 7.25" Button CFA are replacements for clutches that use a cover mounted starter ring gear in a rear mount starter bellhousing.



Rear Mount Starter/Driveline Packages

The standard for late model, short track pavement cars. Includes an aluminum rear-mount starter type bellhousing, 5.5" fine spline (1-5/32"-26) clutch assembly, one-piece 4140 steel integral 105T flywheel, bellhousing mounted self-adjusting hydraulic release bearing, and rear-mount starter.

Part No.	Description
TIL10001	Early Chevy V-8, 3-Plate, Fine Spline (1-5/32"-26)
TIL10003	Ford V-8, 3-Plate, Fine Spline (1-5/32"-26)
TIL10012	Late Chevy V-8, 2-Plate, Fine Spline (1-5/32"-26)



Replacement Components

TIL52-601	Chevrolet Aluminum Bellhousing
TIL54-11052	Rear Mount Starter, For 105T Flywheel
TIL54-21052	3 HP Starter
TIL19001	Early 105T Flywheel
TIL19020	Flywheel, 105T, Late Chevy 1-Pc. Rear Main Seal
TIL19021	Counterweight Set For TIL19020
TIL54-11052	Rear Mount Starter, For 105T Flywheel
TIL54-21052	3 HP Starter, For 105T Flywheel
TIL64140-9-AA-06	2-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL64140-9-AA-36	2-Plate Disc Pack, Fine Spline (1-5/32"-26)
TIL64140-9-ABA-06	3-Plate Disc Pack, Coarse Spline (1-1/8"-10)
TIL64140-9-ABA-36	3-Plate Disc Pack, Fine Spline (1-5/32"-26)

UTGC 52-Series 5.5" Magnesium Mono-Housing Package TIL52-31130

Ultimate Ground Clearance 5.5" clutch for modifieds, Elite Series, ASA, ARCA and other asphalt late models includes a one-piece magnesium (7.9 lbs.) mono-housing with integral trans plate and replaceable transmission register ring. Designed for early small block Chevys, package includes 3-plate, 1-5/32"-26-spline metallic clutch, 102T flywheel assembly, reverse mount Super Starter, hydraulic release bearing and hardware.

Part No.	Description
TIL51-651	Chevrolet Flywheel, 5.5" Metallic Clutch
TIL52-501	Magnesium Bellhousing, Chevrolet Rear-Mount Starter, 7.4 Lbs.
TIL54-21062	Super Starter For All 52-Series Bellhousings
TIL61-1543	Hyd. Release Bearing, Monohousing, 3-Plate Metallic Chevy/Ford Clutches
TIL62-008	Replacement Bearing For Hydraulic Release Bearing
TIL67-002HG	5.5" 2-Plate Metallic Clutch Assembly
TIL67-003HG	5.5" 3-Plate Metallic Clutch Assembly
TIL95-952-6	Flywheel-To-Crankshaft Bolt Kit, Ford/GM, 6 Pcs.
TIL64140-9-AA-36	Clutch Disc Pack, 5.5" 2-Plate
TIL64140-9-ABA-36	Clutch Disc Pack, 5.5" 3-Plate



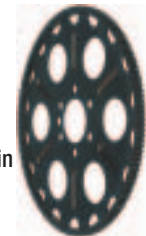
53-Series Chevy Aluminum OE Bellhousing TIL53-601

Designed for 153-tooth flywheels/flexplates and 5.5" or 7.25" clutches, 53-series aluminum bellhousing weighs just 12.5 lbs. Blue-printed for accurate alignment. For use with TIL61-1512 (2-disc) or TIL61-1502 (3-disc) throwout bearings



Ultra-Lightweight Flexplate TIL19027

Small block Chevy 157-tooth flexplate weighs just 3.4 lbs. and has a low moment-of-inertia for quicker acceleration and deceleration. Fits early, 2-piece rear main seal applications.




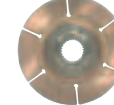


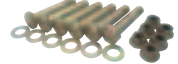
Kenny Wallace

Photo By: Jim DenHamer

7.25" Button Clutch/Flywheel Replacement Components

Part No.	Description	
Clutch Assembly (No Flywheel or Clutch Discs)		
TIL66-002UGG	2-Disc Chevy	
TIL66-003HG	3-Disc Chevy and Ford	
Disc Packs		
TIL64185-2-F-30	1-Disc, 1" x 23-Spline x 30°	
TIL64185-2-AA-06	2-Disc, 1-1/8" x 10-Spline	
TIL64185-2-AA-36	2-Disc, 1-5/32" x 26-Spline	
TIL64185-2-AC-05	2-Disc, 1-1/16" x 10-Spline	
TIL64185-2-ABA-06	3-Disc, 1-1/8" x 10-Spline	
TIL64185-2-ABA-36	3-Disc, 1-5/32" x 26-Spline	
TIL64185-2-ACC-05	3-Disc, 1-1/16" x 10-Spline	
Pressure Rings		
TIL66-118HR	Fits 3-Disc Clutch	
TIL66-118UHR	Fits 2-Disc Clutch	
Floater Plate		
TIL66-119	Fits All OT-II Clutches	
Flywheels		
TIL19003	7.25" Button	
TIL51-052-1	Chevy 104T Flywheel	
Bolt Kits		
TIL95-005	Fits 2-Disc Clutches	
TIL95-006	Fits 3-Disc Clutches	

5.5" Button Clutch/Flywheel Replacement Components

Part No.	Description	
Clutch Assembly (No Flywheel or Clutch Discs)		
TIL67-002HG	2-Disc Clutch Assemblies	
TIL67-003HG	3-Disc Clutch Assemblies	
Disc Packs		
TIL64140-9-ABA-06	3-Disc 1-1/8" 10-Spline	
TIL64140-9-ABA-36	3-Disc 1-5/32" 26-Spline	
TIL64140-9-AA-06	2-Disc 1-1/8" 10-Spline	
TIL64140-9-AA-36	2-Disc 1-5/32" 26-Spline	
Pressure Ring		
TIL67-118HR	2- or 3-Disc Pressure Ring	
Floater Plate		
TIL67-119	Fits 2- or 3-Disc Units	
Flywheels		
TIL51-651	Chevy 102T Flywheel	
TIL51-653	Ford 102T Flywheel	
Bolt Kits		
TIL95-002-5	For 2-Disc Metallic Clutches	
TIL95-003-5	For 3-Disc Metallic Clutches	

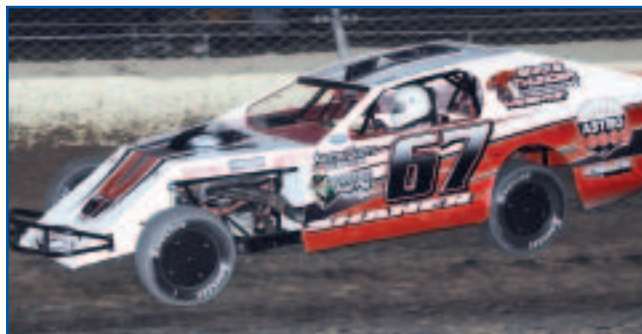
Cooler Pump TIL40-524

High performance pump can be used on differentials or transmissions. Electric pump can continue to operate when the car is stopped. During pit stops when mechanical pumps are not operating, hot oil runs off and gear damage can occur. Self-priming pump flows 1-2 GPM, has an integral fan and weighs just 3.5 lbs. Pump has 3/8" NPT ports that may be rotated in 90° increments. Universal mounting plate is included.



Replacement Components

Part No.	Description
TIL40-902	.....Bung Diaphragm Kit
TIL40-905	.....Check Valve Kit, BUNA Rubber
TIL40-912	.....Diaphragm Kit, Viton Rubber



Eddie Shaner/Snake Thunder Motorsports

Photo By: WJW Photos

400-Series Hydraulic Release Bearing Kits

400-Series release bearings mount inside of Tilton 53-series OE/LGC aluminum or steel bellhousings. Kits include steel braided line, fittings and hardware.



Part No.	Application	Clutch Dia.	Bearing Contact
TIL61-400	AP, QM (non-Tilton) Multi-Disc Clutches	7.25"	52mm
TIL61-402	Tilton, Late QM Clutches	7.25"	44mm
TIL61-403	Tilton 4.5"/4.9"/5.5" Clutches	4.9"/4.9"/5.5"	38mm

600-Series Hydraulic Release Bearing Kit

Transmission mounted release bearings uses a threaded retainer and is engineered for up to .550" of bearing travel. Installed height is adjustable, allowing a wide variety of clutch systems, and up to four discs.



Part No.	Application	Clutch Dia.	Bearing Contact
TIL61-603	Tilton 5-1/2" Clutches	4.5"/4.9"/5.5"/138mm	38mm

Hydraulic Release Bearing Replacement Components

Part No.	Application
TIL62-002	.....52mm Bearing, Fits 61-300, 61-400 And 61-600, 7.5" Non-Tilton
TIL62-008	.....38mm Bearing, Fits 61-303, 61-403, 61-603 And 61-803, 5.5" Clutch
TIL62-031	.....44mm Bearing, Fits 61-302, 61-402, 61-602 And 61-802, 7.25" Tilton/Qtr.
TIL62-905	.....Seal Kit, Fits All 300-, 400-, 600- and 800-Series Bearings



Floor Mount Triple Pedal, Triple Cylinder Assembly TIL72-603

Rigid, forged aluminum assembly includes brake, clutch and throttle pedals and accepts up to three master cylinders. Large, 7/16"-20 balance bar eases front/rear brake adjustments. Pedals have adjustable foot pads and anti-slip surfaces, and can be set to four different ratios. Assembly accepts optional throttle linkage kit TIL72-790. Master cylinders not included.



Floor Mount Dual Pedal, Triple Cylinder Assembly TIL72-604

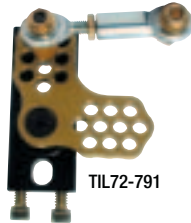
Forged aluminum pedal assembly has brake and clutch pedals, large 7/16"-20 balance bar and accepts up to three master cylinders. Pedals include adjustable foot pads and anti-slip surfaces, and can be set to four different ratios. Master cylinders not included.



Floor Mounted Pedal Assembly With Throttle



TIL72-603



TIL72-791

Quality steel, three pedal assembly provides precise control of clutch, brake and throttle. Pedals have a 5.5:1 ratio for use with Tilton 73, 74, 75 or 76-Series master cylinders. Unit weighs 5.8 lbs. and has a 3/8"-24 dia. balance bar, adjustable clutch and throttle pedal stops, throttle cable standoff and toe clip. Master cylinders and throttle linkage are not included. Assembly accepts optional throttle linkage kit TIL72-790.

Part No.	Description
TIL72-603	Floor Mount 3-Pedal Assembly
TIL72-791	Throttle Linkage Kit

Overhung Dual Pedal, Triple Cylinder Assemblies

Designed for clutch and brake operation, lightweight aluminum assemblies accept standard (2-1/4" on-center mounting hole) master cylinders. Aluminum I-beam pedals are ball-burnished with textured cast pads. Assemblies include provisions for reverse mount (toward driver) master cylinders. Dual pedal assemblies feature 7/16" balance bar. Master cylinders not included.



Part No.	Description
TIL72-602	Aluminum Pedals 6.25 To 1 Ratio, 11.87" Long
TIL72-605	Short Aluminum Pedals 5.5 To 1 Ratio, 10.37" Long

Note: Aluminum pedals should not be bent, cut, or welded.

Firewall Mount Dual Pedal, Triple Cylinder Assembly TIL72-601

Firewall mount assembly has a lightweight aluminum frame, fabricated steel brake and clutch pedals and a large, 7/16"-20 balance bar. Accepts up to three master cylinders. Master cylinders not included.



Balance Bar TIL72-250

Balance Bar works better than rod end style bars. Heat treated, rolled thread pivot bar has a 2-1/2" center-to-center measurement and can be adapted to current pedals or used to improve and update other manufacturers' products. Works with TIL72-501 adjuster. 3/8"-24 thread



Remote Brake Bias Adjusters

Adjusters mount on balance bar so driver can quickly adjust brake bias. Standard model adjusters include a finger-grooved plastic adjustment knob and a vibration-resistant, spring-loaded detent. Available for use with 3/8", 7/16" and 1/2" diameter balance bars.



TIL72-508

Part No.	Description
TIL72-504	Standard Model Brake Bias Adjuster, 1/2"-20
TIL72-508	Standard Model Brake Bias Adjuster, 3/8"-24 Or 7/16"-20
TIL72-560	Right Angle Coupler, Prevents Adjuster Cable From Interfering With Clutch/Throttle. 3/8"-24 Thread



TIL72-560



Ryan Fligel

Photo By: John Berglund



Matt Junio

Photo By: Dan Lewis



73-Series High Volume Integral Reservoir Master Cylinders

Die cast aluminum master cylinders with internal baffling have a leak-free, integral reservoir with a large, 10 oz. capacity. Cylinders have a reliable seal/piston and a 1/8" NPT outlet port that is shrouded underneath the reservoir to minimize fitting damage in a crash.



Part No.	Description
TIL73-750	Master Cylinder, 3/4" Bore
TIL73-875	Master Cylinder, 7/8" Bore
TIL73-1000	Master Cylinder, 1" Bore

74-Series Long Master Cylinder Kits

Tilton's 74-Series Master Cylinder Kits are universal with side or flange mount capability, easy interchange of remote reservoir, and a mounting bracket that adapts large or small reservoir to remote mount. Each master cylinder (5.6" long) kit includes lightweight aluminum master cylinder featuring dual fluid outlets and bleed screws, small (4.0 oz.) and large (10.7 oz.) reservoirs, remote reservoir mount kit, 3/16" inverted flare and -3AN adapter fittings. Outlet size is -3AN, 3/8"-24 thread.



Description	Universal Master Cylinder Kit	Master Cylinder Only	Rebuild Kit
5/8" Bore Master Cylinder	TIL74-625U	-	TIL74-625RK
7/10" Bore Master Cylinder	TIL74-700U	-	TIL74-700RK
3/4" Bore Master Cylinder	TIL74-750U	TIL74-750	TIL74-750RK
13/16" Bore Master Cylinder	TIL74-812U	-	TIL74-812RK
7/8" Bore Master Cylinder	TIL74-875U	TIL74-875	TIL74-875RK
1" Bore Master Cylinder	TIL74-1000U	TIL74-1000	TIL74-1000RK
1-1/8" Bore Master Cylinder	TIL74-1125U	-	TIL74-1125RK

74 And 75 Series Master Cylinder Replacement Parts

Tilton Brake offers quality replacement master cylinder components.



Part No.	Description
TIL73-815-3L	-3AN Male Union
TIL74-200	Inlet Fitting
TIL74-202	Small Reservoir (4.0 oz.)
TIL74-203	Medium Reservoir (6.8 oz.)
TIL74-204	Large Reservoir (10.7 oz.)
TIL74-207	Reservoir Cap
TIL74-208	Clamp, Each
TIL74-212	Reservoir Adapter
TIL74-212-A	O-Ring For Master Cylinder
TIL74-214	24" Rubber Hose
TIL74-400	Push Rod (74 Series Only)
TILTE2089-188L	3/16" Inverted Flare to -3AN Male Fitting



TIL74-208

75-Series Short Master Cylinder Kits

Kits have many of the same master cylinder features as the 74-series, but with a shorter body length (3.2") for mounting in tight areas. Each kit includes black anodized, aluminum master cylinder with small (4.0 oz.) and medium (6.8 oz.) reservoirs, remote reservoir mounting kit and required fittings. Outlet size is -3AN, 3/8"-24 thread.



Description	Universal Master Cylinder Kit	Rebuild Kit
5/8" Bore Master Cylinder	TIL75-625U	TIL75-625RK
7/10" Bore Master Cylinder	TIL75-700U	-
3/4" Bore Master Cylinder	TIL75-750U	TIL75-750RK
13/16" Bore Master Cylinder	TIL75-812U	TIL75-812RK
7/8" Bore Master Cylinder	TIL75-875U	TIL75-875RK
1" Bore Master Cylinder	TIL75-1000U	TIL75-1000RK
1-1/8" Bore Master Cylinder	TIL75-1125U	TIL75-1125RK

76-Series Master Cylinder Kits

Based upon the 75-Series master cylinders, the 76-Series units use an inlet port that accepts -4AN fittings and screw-on reservoirs.

Part No.	Description
TIL76-625	Master Cylinder, 5/8" Bore
TIL76-750	Master Cylinder, 3/4" Bore
TIL76-875	Master Cylinder, 7/8" Bore
TIL76-1000	Master Cylinder, 1" Bore



77-Series Master Cylinders

Very compact and lightweight. 77-Series master cylinders have a rear bearing mount and a one-piece piston/pushrod to eliminate side thrust into the bore. Specifically for use with Tilton 900-series pedal assemblies and balance bars.

Part No.	Description
TIL77-625	Master Cylinder, 5/8" Bore
TIL77-750	Master Cylinder, 3/4" Bore
TIL77-812	Master Cylinder, 13/16" Bore
TIL77-875	Master Cylinder, 7/8" Bore
TIL77-1000	Master Cylinder, 1" Bore
TIL77-015	Inlet Fitting, -6AN Crush Washer Seal To -4AN Male



Brake Proportioning Valves

Adjustable hydraulic brake proportioning valves allow adjusting brake forces to a particular wheel or wheels. Lever-type model provides visual reference for seven distinctive reduction positions, while the Screw-Type unit allows fine adjustments of brake reduction.



Part No.	Description
TIL90-1000	Lever-Type Proportioning Valve, -3AN Ports
TIL90-1003	Lever-Type Proportioning Valve, 10mm x 1.0 Ports
TIL90-1100	Rebuild Kit For TIL90-1000 And TIL90-1003
TIL90-2000	Screw-Type Proportioning Valve, -3AN Ports



3-Chamber Plastic Reservoirs

Combines three separate reservoirs, one each for front brakes, rear brakes and clutch, into a single unit. Fiberglass reinforced nylon reservoirs include gasket-sealed removable lids and fluid level indicator windows. Available for use with push-on or -4AN lines.



- Part No. Description**
 TIL72-5763-Chamber Reservoir, Push-On Hose
 TIL72-5773-Chamber Reservoir, -4AN
 TIL74-221SBR Hose Kit, 96" Hose And (6) Clamps, Use With TIL72-576
Note: Reservoirs must be used with PTFE, EPDM or SBR style hose

Racing Brake Fluid

TILTBR-1

Designed for the semi-professional racer or hobby racer, fluid has a dry boiling point of 590° F. and is well suited to super late models, late model stocks, SCCA road racing, etc. Sold in 8.5 oz. bottle.



Supreme Racing Brake Fluid

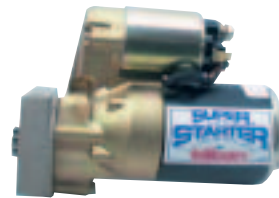
TILT SR-1

Proven in the highest forms of motorsports, fluid includes a dry boiling point of 622° F. and virtually eliminates the possibility of vapor lock. Exceeds DOT 4 specifications. Sold in a 8.5 oz. bottle.



Racing Super Starters

Super Starter is not affected by hot or cold conditions, and the low (250 amp) current draw allows more spark for firing the engine. The 3.75 to 1 gear reduction produces 50% more torque, yet weighs just 10 lbs. Severe duty model features 43% more cranking power and is 1 lb. heavier.



- Part No. Description**
 TIL54-10013Ford SB 289-302 And 351W/C With 157T Auto Trans. Flywheel
 TIL54-10040Bert Bellhousing-Mounted Starter
 TIL54-40001Chevy V-8 Severe Duty, 153 Or 168T Flywheels
 TIL54-21062Rear Mount, Rev. Rotation, Use With Tilton 5-1/2" Clutch Housing With 102T Flywheel.

Super Starter Replacement Parts

Starter	Mounting Block	Drive Assembly	Pinion	Solenoid
TIL54-10001	TIL54-069	TIL54-021	TIL54-042	TIL54-022
TIL54-10013	TIL54-060	TIL54-021	TIL54-042	TIL54-022A
TIL54-10040	TIL54-067	-	-	TIL54-022
TIL54-20001	TIL54-069	TIL54-021	TIL54-042	TIL54-022
TIL54-40001	TIL54-069	TIL54-421	TIL54-442	TIL54-422
TIL54-21062	-	TIL54SD-021R-13	TIL54SD-042R-13	TIL54SD-022

- Part No. Description**
 TIL54-906Pinion Retainer Spring And Clip For Standard Rotation Starter
 TIL54-950Starter Bolt And Shim Kit
 TIL54-952Shim Kit



Jeff Taylor

Photo By: Bruce Badgley



Sammy Epling

Photo By: John Berglund



TR-1 Racing Oils

MPZ oils reduce friction, wear and deposits for longer engine life, and are formulated for all 4, 6 and 8 cylinder high performance engines. Light-weight 10W40 and 20W50 oils add 8 to 12 more horsepower and up to 40% more wear protection than other oils of equal viscosity. Sold in liter bottles or a case. Non API certified.

Description	1 Liter Bottle	1 Case (12) Liter Bottles
10W40	TRCA141040CE	TRCA141040C
20W50	TRCA142050CE	TRCA142050C



SR-5 Synthetic Racing Oils

SR-5 racing oils are formulated with a balanced blend of high performance additives including liquid moly, phosphorus and zinc to provide superior protection from friction, wear and extreme pressure. Extends engine life, MPZ synthetic racing oils will withstand tremendous heat and provide a thick protective oil film on bearings, crankshafts, pistons and valve train parts. Sold in liter bottles or a case. Non API certified.

Description	1 Liter Bottle	1 Case (12) Liter Bottles
5W30	TRCA150530CE	TRCA150530C
5W40	TRCA150540CE	TRCA150540C
20W50	TRCA152050CE	TRCA152050C





SR-1 Synthetic Oils

Specially-blended 100% synthetic oils are engineered specifically for racing applications and include Generation-2 MPZ frictional loss technology combined with proprietary additives. SR-1 oils provide increased horsepower and torque, while offering improved durability. Sold in liter bottles or a case. Non API certified.

Description	1 Liter Bottle	1 Case (12) Liter Bottles
0W20	TRCA160020CE	TRCA160020C
5W30	TRCA160530CE	TRCA160530C
10W30	TRCA161033CE	TRCA161033C
10W40	TRCA161044CE	TRCA161044C
20W50	TRCA162055CE	TRCA162055C



RGO Racing Gear Oils

RGO provides superior adhesive strength and extreme anti-score protection. Additives prevent wear and reduce heat, friction and noise, while providing positive operation of limited slip and positive traction differentials. Sold in liter bottles or a case.

Description	1 Liter Bottle	1 Case (12) Liter Bottles
80W90	TRCA248090CE	TRCA248090C
85W140	TRCA248514CE	TRCA248514C



TBO Premium Break-In Oil

Hydro-processed petroleum base stocks are engineered to aid break-in of camshaft and lifters and promote ring seating. A high zinc content protect critical engine components during initial start-up. The SAE 40W oil is ideal for breaking in engines prior to switching to synthetic oils. Sold in liter bottles or a case. Non API certified.

1 Liter Bottle	1 Case (12) Liter Bottles
TRCA100040CE	TRCA100040C



SGO Synthetic Racing Gear Oils

Torco synthetic hypoid gear oils provide maximum protection and performance under the most demanding conditions. Gear oils exceed all requirements for wear protection while reducing friction and temperatures. Sold in liter bottles or a case.

Description	1 Liter Bottle	1 Case (12) Liter Bottles
75W90	TRCA257590CE	TRCA257590C
75W140	TRCA257514CE	TRCA257514C



ATF Synthetic Automatic Transmission Fluid

A synthetic blend that is specially formulated for racing and high transmission temperatures. ATF also reduces fluid friction for smoother clutch lock-up, and more power efficiency. One liter bottles or a case.

1 Liter Bottle	1 Case (12) Liter Bottles
TRCA220085CE	TRCA220085C



MPZ Magnetic Friction Reducer

Magnetic friction reducer oil additive with MPZ provides excellent wear protection and helps increase horsepower and torque. Sold in 12 oz. bottle or a case.

12 oz. Bottle	1 Case (12) 12 oz. Bottles
TRCA010011LE	TRCA010011L



MTF Petroleum Base Manual Transmission Fluid

A low viscosity petroleum based fluid for manual transmissions. Provides reduced gear and bearing wear, reduced frictional drag and smoother shifting. One liter bottles or a case.

1 Liter Bottle	1 Case (12) Liter Bottles
TRCA200022CE	TRCA200022C



ZEP High Performance Engine Protector

Supplemental engine oil additive, ZEP (Zinc Enhanced Engine Protector) includes a balance of molybdenum, phosphorous and zinc, additives that have been recently removed from all API SL and SM motor oils. Sold in 12 oz. bottles or a case.

Description	12 oz. Bottle	1 Case (12) 12 oz. Bottles
ZEP Engine Protector	TRCA010033LE	TRCA010033L



MPZ Engine Assembly Lube

MPZ is a concentrate of oil soluble molybdenum, phosphorus and zinc, fortified with polymers and a high polarity phosphorous to create a magnetic attraction to metal. Use MPZ to pre-lube cylinders, pistons, wrist pins, cams, lifters, etc.

Description	1 Oz. Tube	1 Case (48) 1 Oz. Tubes	4 Oz. Tube	1 Case (12) 4 Oz. Tubes
Tube	TRCA550055HE	TRCA550055H	TRCA550055JE	TRCA550055J
12 Oz. Bottle	12 Oz. Bottle	1 Case (12) 12 Oz. Bottles		
	TRCA550055KE	TRCA550055K		





Gapless AP Steel Top Ring File-Fit Piston Ring Sets

Eight cylinder sets have AP (Advanced Profiling) steel top rings with extremely tight tolerances for improved combustion sealing. Sets include AP gapless top rings, conventional second rings, and standard tension oil rings. Instructions for file-fitting included.



Bore Size	Gapless Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.030"	1/16" AP	1/16"	3/16"	TOTMS3690-35
4.125"	1/16" AP	1/16"	3/16"	TOTMS0690-5
4.155"	1/16" AP	1/16"	3/16"	TOTMS0690-35
4.165"	1/16" AP	1/16"	3/16"	TOTMS0690-45
4.185"	1/16" AP	1/16"	3/16"	TOTMS0690-65

Gapless® Top Ring File Fit Piston Ring Sets

Independent dyno tests proved that the Total Seal Gapless® Top Ring Sets can deliver more horsepower and torque than conventional piston rings. File fit ring sets include Maxseal ductile iron Gapless® top rings, conventional second rings and standard or special, low tension oil rings for eight cylinders. Low tension ring sets deliver a 25% reduction in tension when compared to standard oil rings. All sets listed below require file fitting.



Bore Size	Gapless® Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.030"	1/16"	1/16"	3/16" (Std.)	TOTM3690-35
4.030"	1/16"	1/16"	3/16" (Low)	TOTML3690-35*
4.040"	1/16"	1/16"	3/16" (Std.)	TOTM3690-45
4.040"	1/16"	1/16"	3/16" (Low)	TOTML3690-45*
4.060"	1/16"	1/16"	3/16" (Std.)	TOTM3690-65
4.125"	1/16"	1/16"	3/16" (Std.)	TOTM0690-5
4.130"	1/16"	1/16"	3/16" (Std.)	TOTM7560-5
4.155"	1/16"	1/16"	3/16" (Std.)	TOTM0690-35
4.155"	1/16"	1/16"	3/16" (Low)	TOTML0690-35*
4.165"	1/16"	1/16"	3/16" (Std.)	TOTM0690-45

* Sets include low tension oil rings for racing applications only!

Claimer Gapless® Second Standard Gap Piston Ring Sets

Total Seal's least expensive gapless ring sets, these are suitable for dirt track cars, running race fuel, with 11:1 or lower compression. Sets include cast iron conventional top rings, gapless second rings and Gold Power low tension oil rings, which offer 40% reduction in tension compared to standard tension oil rings. Claimer piston ring sets are available in limited bore and ring combinations for racing only. File fitting not required.



Bore Size	Cast Iron Top Ring	Gapless® Second Ring	Gold Power Oil Ring	Ring Set Part No.
4.030"	5/64"	5/64"	3/16"	TOTCL9090-30
4.030"	1/16"	1/16"	3/16"	TOTCL3690-30
4.040"	5/64"	5/64"	3/16"	TOTCL9090-40
4.040"	1/16"	1/16"	3/16"	TOTCL3690-40
4.060"	5/64"	5/64"	3/16"	TOTCL9090-60
4.060"	1/16"	1/16"	3/16"	TOTCL3690-60
4.125"	1/16"	1/16"	3/16"	TOTCL0690
4.155"	5/64"	5/64"	3/16"	TOTCL0190-30
4.155"	1/16"	1/16"	3/16"	TOTCL0690-30
4.165"	5/64"	5/64"	3/16"	TOTCL0190-40
4.165"	1/16"	1/16"	3/16"	TOTCL0690-40

Claimer ring sets include low tension oil rings for racing applications only!

TS1 Gapless® Second Ring File Fit Piston Ring Sets

Eight cylinder sets are ideal for racing engines and include ductile iron conventional top rings, Gapless® second rings, and standard, low tension, or low tension Gold Power oil rings. Low tension oil rings provide approximately 25% reduction in tension compared to standard oil rings, while special low tension, Gold power oil ring sets offer a 40% reduction in tension. All sets listed require file fitting.



Bore Size	Ductile Iron Top Ring	Gapless® Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.000"	1/16"	1/16"	3/16" (Standard)	TOTT3690-5
4.020"	1/16"	1/16"	3/16" (Standard)	TOTT3690-25
4.030"	5/64"	5/64"	3/16" (Standard)	TOTT9090-35
4.030"	1/16"	1/16"	3/16" (Standard)	TOTT3690-35
4.030"	1/16"	1/16"	3/16" (Gold Power)	TOTTG3690-35*
4.030"	1/16"	1/16"	1/8" (Standard)	TOTT0390-35
4.040"	5/64"	5/64"	3/16" (Standard)	TOTT9090-45
4.040"	1/16"	1/16"	3/16" (Standard)	TOTT3690-45
4.040"	1/16"	1/16"	3/16" (Gold Power)	TOTTG3690-45*
4.060"	1/16"	1/16"	3/16" (Standard)	TOTT3690-65
4.060"	1/16"	1/16"	3/16" (Gold Power)	TOTTG3690-65*
4.125"	1/16"	1/16"	3/16" (Standard)	TOTT0690-5
4.125"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-5*
4.135"	1/16"	1/16"	3/16" (Standard)	TOTT0690-15
4.145"	1/16"	1/16"	3/16" (Standard)	TOTT0690-25
4.145"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-25*
4.155"	1/16"	1/16"	3/16" (Standard)	TOTT0690-35
4.155"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-35*
4.155"	1/16"	1/16"	1/8" (Standard)	TOTT1003-35
4.165"	1/16"	1/16"	3/16" (Standard)	TOTT0690-45
4.165"	1/16"	1/16"	3/16" (Gold Power)	TOTTG0690-45*

* Sets include low tension oil rings for racing applications only!

TS1 Gapless Second Ring Standard Gap Piston Ring Sets

The same TS1 eight cylinder piston ring sets, but file-fitting is not required. Sets include conventional ductile iron top rings, gapless second rings and standard tension oil rings.



Bore Size	Ductile Iron Top Ring	Gapless® Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.030"	1/16"	1/16"	3/16"	TOTT3690-30
4.155"	1/16"	1/16"	3/16"	TOTT0690-30
4.165"	1/16"	1/16"	3/16"	TOTT0690-40

Classic AP Steel Top Ring File-Fit Piston Ring Sets

Instead of the gapless top or second ring, sets include conventional AP (Advanced Profiling) steel top rings, with extremely tight tolerances for superior compression sealing. Sets include AP top rings, conventional second rings and three-piece, standard tension oil rings. All sets are for eight cylinders. Instructions for file-fitting included.



Bore Size	AP Steel Top Ring	Conventional Second Ring	3-Pc. Oil Ring	Ring Set Part No.
4.020"	1/16"	1/16"	3/16"	TOTCS3690-25
4.030"	1/16"	1/16"	3/16"	TOTCS3690-35
4.125"	1/16"	1/16"	3/16"	TOTCS0690-5
4.155"	1/16"	1/16"	3/16"	TOTCS0690-35
4.185"	1/16"	1/16"	3/16"	TOTCS0690-65



Piston Ring Squaring Tool

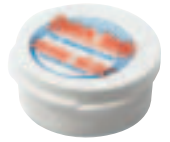
Guaranteed to be flat and parallel within .001". Install piston ring in the cylinder and push the ring down into the bore with the tool. It will place the ring squarely in the cylinder so that end gap can be precisely checked when filing rings.



Part No.	Description
TOT08910.....	Piston Ring Squaring Tool, 4.000"-4.085" Bore
TOT08915.....	Piston Ring Squaring Tool, 4.125"-4.200" Bore

QuickSeat TOTQS

A dry film powder, QuickSeat aids piston ring seating. Sold in two gram containers.



Assembly Lubricant TOTAL4

Engineered by Total Seal to deliver proper lubrication during initial start-up and break-in. AL4 burns off quickly after start-up and leaves no residue. May be used alone or with Quickseat. Sold in 4 oz. bottle.



PISTON RING TECH

Low Tension Oil Rings

All Total Seal piston ring sets are available with low tension oil rings. Low tension oil rings offer approximately a 25% reduction in tension compared to standard oil rings. Gold power low tension oil rings offer approximately a 40% reduction. While low tension oil rings can translate into a significant increase in horsepower, an oil ring package with insufficient tension for the particular application can result in increased combustion chamber contamination, spark plug fouling and ultimately, detonation. Low tension oil rings should never be used on street-driven vehicles.

Trick Flow®

SB Chevy Super 23° Cylinder Heads

Super 23° aluminum cylinder heads' high velocity, small cross-sectional 195cc intake ports promote low RPM torque with no sacrifice in upper RPM horsepower.



Heads offer angled spark plugs, choice of 62, 64 or 72cc combustion chambers, 2.020" intake and 1.600" exhaust valves, and hardened exhaust seats for unleaded fuel compatibility. Sold in pairs, completely assembled.

Part No.	Intake Runner	Comb. Chamber	Valve Spring	Int. Valve	Exh. Valve
TRFTFS-30400001	195cc	62cc	1.250" Single	2.020"	1.600"
TRFTFS-30400002	195cc	62cc	1.470" Single	2.020"	1.600"
TRFTFS-30400002-M64*	195cc	64cc	1.470" Single	2.020"	1.600"
TRFTFS-30400013-M72*	195cc	72cc	1.460" Dual	2.020"	1.600"

* CNC-profiled combustion chambers

Small Block Chevy Valve Cover Adapters

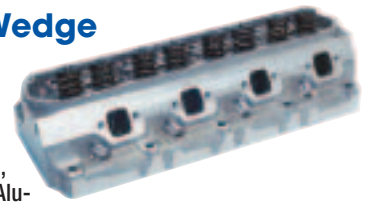
TRFTFS-31500811 **NEW!**

Special, 1/4" thick steel adapters allow using popular, early-style small block Chevy valve covers on late centerbolt style cylinder heads. Increased height also allows using stud girdles for increased valvetrain stability. Sold complete with necessary hardware and .200" thick steel core gaskets.



SB Ford Twisted Wedge Cylinder Heads

An improved combustion chamber design rotates valves over the center of the cylinder bores for optimum valve angles, locations and chamber shape. Aluminum heads are fitted with 2.020" intake and 1.600" exhaust valves, intake valves that do not require flycutting of pistons. Choose as-cast, 170cc, or CNC-ported 205cc intake ports. Sold in pairs, completely assembled.



Part No.	Intake Runner	Comb. Chamber	Valve Spring	Int. Valve	Exh. Valve
TRFTFS-51400002	170cc	61cc	1.470" Single	2.020"	1.600"
TRFTFS-51400004	170cc	61cc	1.460" Dual	2.020"	1.600"
TRFTFS-51400010*	170cc	61cc	1.460" Dual	2.020"	1.600"
TRFTFS-51400010-C02	205cc	65cc	1.460" Dual	2.020"	1.600"

* Cylinder heads include increased rate valve springs and 10° valve locks for racing applications with up to .600" valve lift.

SB Ford Cast Aluminum Valve Covers

Cast from A319 aluminum for rigidity and prevention of oil leaks. Standard, 3" overall height valve covers have a raised Trick Flow Specialties logo. Choose from silver or black powder-coated. Fits all 289-351W engines. Sold in pairs.



Description	Silver Part No.	Black Part No.
SB Ford 289-351W Valve Covers, Standard Height	TRFTFS-51400801	TRFTFS-51411801



Scott Rugg

Photo By: Jim DenHamer



CN Coated Titanium Valves

Chromium nitrate coated titanium valves are 40% lighter than stainless steel and are less expensive than other high temperature titanium valves. CN coating yields greater surface hardness, improved durability and resistance to corrosion. Sets of eight.

Part No.	Dia.	Length	Lock Style	Notes
11/32" Exhaust Valves				
TRITTECN1600-2R-8	1.600"	5.140"	Radius	+ .200" Long
TRITTECN1600-6R-8	1.600"	5.540"	Radius	+ .600" Long
TRITTECN1600-6R25A-8	1.600"	5.540"	Radius	+ .600" Long/25° Profile
TRITTECN1625-5R-8	1.625"	5.440"	Radius	+ .500" Long
TRITTECN1625-6R-8	1.625"	5.540"	Radius	+ .600" Long
TRITTECN1625-7R-8	1.625"	5.640"	Radius	+ .700" Long
5/16" Intake Valve				
TRITTCN2180-7R5/16-8	2.180"	5.640"	Radius	+ .700" Long
TRITTCN2180-7RPR5/16-8	2.180"	5.640"	Radius	+ .700" Long/ Piston Relief
11/32" Intake Valves				
TRITTCN2080-1R-8	2.080"	5.040"	Radius	+ .100" Long
TRITTCN2080-2R-8	2.080"	5.140"	Radius	+ .200" Long
TRITTCN2100-2R-8	2.100"	5.140"	Radius	+ .200" Long
TRITTCN2150-5R-8	2.150"	5.440"	Radius	+ .500" Long
TRITTCN2150-5RSVO-8	2.150"	5.485"	Radius	+ .500" Long/ Ford/Yates Heads
TRITTCN2150-6R-8	2.150"	5.540"	Radius	+ .600" Long
TRITTCN2180-6R-8	2.180"	5.540"	Radius	+ .600" Long
TRITTCN2180-7R-8	2.180"	5.640"	Radius	+ .700" Long
TRITTCN2180-8R-8	2.180"	5.740"	Radius	+ .800" Long



Titanium Retainers

Retainers are CNC-machined to exacting tolerances and available with Super 7° or 10° lock angles. Sets of 16.



Part No.	Lock Angle	Valve Spring	Valve Stem	Dimensions			
				A	B	C	D
TRITT510C-LTW-16	Super 7°	Double CNC	All	1.450"	1.120"	.730"	-
TRITT515C-LTW-16	Super 7°	Double CNC	All	1.450"	1.140"	.745"	-
TRITT540C-LTW-16	Super 7°	Double CNC	All	1.375"	1.085"	.795"	-
TRITT730B-16	10°	1.437"-1.500" Double	All	1.437"	1.065"	.700"	-
TRITT730C-16	10°	1.437"-1.500" Double CNC	All	1.437"	1.065"	.700"	-
TRITT731B-16	10°	1.500"-1.550" Double	All	1.437"	1.100"	.800"	-
TRITT731C-16	10°	1.500"-1.550" Double CNC	All	1.437"	1.100"	.800"	-
TRITT732B-16	10°	1.500"-1.550" Double	All	1.500"	1.110"	.710"	-
TRITT732C-16	10°	1.500"-1.550" CNC	All	1.500"	1.110"	.710"	-
TRITT738B-16	10°	1.500"-1.550" Double	All	1.500"	1.120"	.730"	-
TRITT738C-16	10°	1.550"-1.550" Double CNC	All	1.500"	1.120"	.730"	-
TRITT23630B-16	10°	1.437"-1.550" Double	All	1.440"	1.050"	.700"	-
TRITT23630C-16	10°	1.437"-1.550" CNC	All	1.440"	1.050"	.700"	-
TRITT23650B-16	10°	1.550" Double +.100"	All	1.500"	1.140"	.740"	-
TRITT23658B-16	10°	1.550" Double	All	1.500"	1.105"	.710"	-

Lash Caps

Lash Caps are hardened and black oxide coated for use with CN coated titanium valves. Sets of 8 or 16.



Part No.	Description	Valve Stem Dia.	Thickness
TRITTL176-8	Lash Caps, 8 Pcs.	5/16"	.060"
TRITTL180-16	Lash Caps, 16 Pcs.	11/32"	.060"

Titanium Valve Locks

Titanium valve locks are sold in sets of 8 or 16.



Part No.	Description	Lock Angle	Valve Stem
TRITTVL234-8	-.050" Installed Height, Bead Loc	Super 7°	5/16"
TRITTVL236-8	Standard Installed Height, Bead Loc	Super 7°	5/16"
TRITTVL238-8	+.050" Installed Height, Bead Loc	Super 7°	5/16"
TRITTVL268-16	Standard Installed Height, Bead Loc	10°	11/32"
TRITTVL270-16	+.050" Installed Height, Bead Loc	10°	11/32"

TRU-COOL LPD.

Heavy Duty Engine Oil Coolers

Race engine builders agree that motor oil loses a good deal of its protective capabilities when it becomes excessively hot. Keeping oil cool, through use of a good oil cooler, not only prolongs engine life, but can spell the difference between winning an important race and not finishing at all. Tru-Cool Engine Oil Coolers provide excellent quality and effective cooling at an affordable price. The patented "stacked" plates offer 35% more cooling than conventional units. Oil coolers have 1/2" NPT inlet/outlet.

Part No.	Description
TRUB7B.....	2-3/4" x 11" x 1-1/2", 7,500 BTU/HR
TRUH7B.....	11" x 11" x 1-1/2", 29,200 BTU/HR (Our Most Popular Cooler)
TRUL7B.....	5-3/4" x 11" x 1-1/2", 15,000 BTU/HR
TRUM7B.....	8" x 11" x 1-1/2", 20,500 BTU/HR

Note: Mounting brackets shown in photo are only included with TRUH7B. It is highly recommended to use straight adapter fittings at the cooler. Use 45 or 90 degree hose ends to help eliminate overtightening or stripping on the cooler. There is no warranty, so please use caution when installing fittings.





AGM Series 16-Volt Racing Batteries

Two-post, group 24 racing batteries use Absorptive Glass Mat dry cell technology to produce substantial cranking amps. Batteries are totally sealed, valve regulated and maintenance free. Terminal bolts, threaded SAE brass posts and 3/8" accessory hook-ups are included. Choose from traditional or new lightweight model.

Part No.	Description	Weight	Res. Min. @ 25 Amps	CA @ 32° F.	CCA @ 0° F.	Length	Width	Height
TRBS16V	16-Volt Battery	42 lbs.	75	650	550	10.08"	6.39"	8.79"
TRBS16VL	16-Volt LW Battery	32 lbs.	50	550	450	10.08"	6.39"	7.12"

Note: Batteries require the use of TRBAGM25A19V 16-volt battery charger. Turbo Start 16-volt battery chargers purchased prior to October, 2003 may be used with minor internal adjustments. Detailed instructions for early model charger modifications are included with each battery.

16 Volt Battery Charger For AGM Series Batteries TRBAGM25A19V

A fully automatic 16 volt, 25 amp battery charger designed to charge the new AGM Series sealed batteries. Prevents overcharging by automatically adjusting the charging current relative to the battery's state of charge. Shuts off automatically when the battery reaches full charge. Charger also features an LED charge status indicator, amp gauge and heavy duty, 500 amp terminal clamps.

Note: Specially designed for use with the AGM series sealed batteries. Older model Turbo Start battery chargers require a special chip (#TRB16VC) to convert them from a flooded charger to AGM output. Failure to install the chip will result in premature battery failure.



Voltage Step-Down Resistor TRB16VRES

Drops the battery voltage down from 16 volts to 14 volts, the same range that components would operate at if an alternator were used.



Wide 5 Dust Cover

Part No.	Color
UBM10-0601	Blue
UBM10-0602	Gold
UBM10-0603	Red



Brake Caliper Brackets

UB has a full selection of weld-on, clamp-on and bolt-on caliper brackets that are compatible with most brake calipers. All brackets are custom fabricated by UB technicians.

Part No.	Type	Hole Spacing	Caliper Type
UBM12-0400-C	Rear Clamp-On, 3" Axle Tube	N/A	GM Metric
UBM12-0401	Rear Weld-On, 3" Axle Tube	N/A	GM Large
UBM12-0403	Rear Clamp-On, 3" Axle Tube	N/A	GM Large
UBM12-0404R	Pinto Spindle Bolt-On	5-1/2"	GM Metric - Right Side
UBM12-0404L	Pinto Spindle Bolt-On	5-1/2"	GM Metric - Left Side
UBM12-0410	Rear Weld-On	5-1/4"	Wilwood Dynalite, Sierra Mini G.N.
UBM12-0412	Rear Clamp-On	5-1/4"	Wilwood Dynalite, Sierra Mini G.N.
UBM12-0420	Rear Weld-On	3-1/2"	Wilwood Superlite, Sierra XL
UBM12-0422	Rear Clamp-On	3-1/2"	Wilwood Superlite, Sierra XL
UBM12-0424L	Front Spindle Weld-On	3-1/2"	Wilwood Superlite, Sierra XL
UBM12-0424R	Front Spindle Weld-On	3-1/2"	Wilwood Superlite, Sierra XL

Brake Floater Brackets

All steel brackets slide over 3" diameter steel tube without nylon liner.

Part No.	Description
UBM12-0450-L	LH Brake Floater - GM Metric Caliper
UBM12-0450-R	RH Brake Floater - GM Metric Caliper
UBM46-0135	Retainer Clamp, 3-1/4" O.D.



GM Metric Offset Upper Control Arms

Offset control arms for stock GM 1978-88 metric chassis have inner shafts with 6-7/8" spacing.

Part No.	Description
UBM14-0809-5R	8" Right Side, 1-1/4" Offset, Accepts Metric (ALL56220) Ball Joint
UBM14-0829-6L	8-1/2" Left Side, 1-1/2" Offset, Accepts Metric (ALL56220) Ball Joint
UBM15-0709-5	7" Right Side, Pierce Chassis, 1-1/4" Offset, Accepts Big GM (ALL56208) Ball Joint
UBM15-093-1/8-9-6L	9-7/8" Left Side, Pierce Chassis, 1-1/2" Offset, Accepts Big GM (ALL56208) Ball Joint
UBM15-0809-5R	8" Right Side, 1-1/4" Offset, Accepts Bolt-In (ALL56204) Ball Joint
UBM15-0829-6L	8-1/2" Left Side, 1-1/2" Offset, Accepts Bolt-In (ALL56204) Ball Joint
UBM19-0829-6L	8-1/2" Left Side, 1-1/2" Offset, Accepts Screw-In (ALL56214) Ball Joint



"15" Series Offset Upper Control Arms

Upper control arms have an 1-1/4" offset. The steel inner shaft has 6" hole spacing. Only accepts bolt-in ball joint (Allstar ALL56204).

Length	Left	Right
8-3/4"	UBM15-0834-5L	UBM15-0834-5R
9-1/2"	UBM15-0924-5L	UBM15-0924-5R





“15” / “19” Series Upper Control Arms

Standard upper control arms have either aluminum or steel inner shafts with 6" hole spacing. Bolt-in style accepts ALL56204 Allstar ball joint. Threaded style accepts ALL56214 Allstar ball joint.



Length	Bolt-In Ball Joint		Screw-In Ball Joint	
	Aluminum Shaft	Steel Shaft	Aluminum Shaft	Steel Shaft
6-3/4"	UBM15-0630	UBM15-0634	–	UBM19-0634
7"	UBM15-0700	–	UBM19-0700	UBM19-0704
7-1/4"	UBM15-0710	–	UBM19-0710	UBM19-0714
7-1/2"	UBM15-0720	UBM15-0724	UBM19-0720	UBM19-0724
7-3/4"	UBM15-0730	UBM15-0734	UBM19-0730	UBM19-0734
8"	UBM15-0800	UBM15-0804	UBM19-0800	UBM19-0804
8-1/4"	UBM15-0810	UBM15-0814	UBM19-0810	UBM19-0814
8-1/2"	UBM15-0820	UBM15-0824	UBM19-0820	UBM19-0824
8-3/4"	UBM15-0830	UBM15-0834	UBM19-0830	UBM19-0834
9"	UBM15-0900	UBM15-0904	UBM19-0900	UBM19-0904
9-1/4"	UBM15-0910	UBM15-0914	UBM19-0910	UBM19-0914
9-1/2"	UBM15-0920	UBM15-0924	UBM19-0920	UBM19-0924
9-3/4"	UBM15-0930	UBM15-0934	UBM19-0930	UBM19-0934
10"	UBM15-1000	UBM15-1004	UBM19-1000	UBM19-1004
10-1/2"	–	–	UBM19-1020	UBM19-1024

“15” Series “WSP” Upper Control Arms

“15” series “WSP” upper control arms include wide split twin plates, which separate to allow mounting around chassis. Control arms accept bolt-in style ball joints and are offered with choice of steel or aluminum inner shafts.

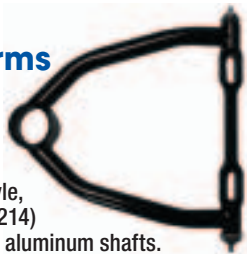


Length	Aluminum Shaft Part No.	Steel Shaft Part No.
10"	UBM15-1000-WSP	–
10"	UBM15-1001-WSP*	–
10-1/2"	UBM15-1020-WSP	UBM15-1024-WSP
11-1/4"	UBM15-1110-WSP	–

* Signifies control arm with slotted aluminum shaft.

“15”/“19” Series Slotted Upper Control Arms

New, slotted upper control arms are engineered specifically for use with UB Machine Caster Slugs. Manufactured from medium alloy steel tube and black powder-coated, control arms are offered with big style, bolt-in (ALL56204) or screw-in style (ALL56214) ball joints. Control arms listed below include aluminum shafts.



Length	Bolt-In Ball Joint Aluminum Shaft	Screw-In Ball Joint Aluminum Shaft
8"	–	UBM19-0801
8-1/4"	–	UBM19-0811
8-1/2"	UBM15-0821	UBM19-0821
8-3/4"	–	UBM19-0831
9"	UBM15-0901	UBM19-0901
9-1/4"	–	UBM19-0911
9-1/2"	UBM15-0921	UBM19-0921
9-3/4"	UBM15-0931	UBM19-0931
10"	–	UBM19-1001
10-1/4"	UBM15-1011	–

Caster Slugs

Caster slugs, designed for use with slotted inner shafts, have a 1/2" hole.

Part No.	Description
UBM15-0040	Set Of Four, 0°, 1/8", 1/4", 3/8"
UBM15-0040-A	0° Offset
UBM15-0040-B	1/8" Offset
UBM15-0040-C	1/4" Offset
UBM15-0040-D	3/8" Offset



Camaro Upper Control Arms

Upper control arms have steel inner shafts and 7-3/4" hole spacing. Available in bolt-in ball joint style (use Allstar ALL56204 ball joint).

Part No.	Length
UBM15-0802	8"
UBM15-0822	8-1/2"
UBM15-0832	8-3/4"
UBM15-0902	9"
UBM15-0912	9-1/4"
UBM15-0922	9-1/2"
UBM15-1002	10"

Note: All UB Machine upper control arms are measured from center of the inner shaft to center of the ball joint.



Ball Joint Plate UBM15-0001



“Dirt Works” Upper Control Arms

Tubular control arms feature 6-1/2" long inner shafts, typical of Dirt Works and other chassis using 1964-72 GM “A”-Body (Chevelle) frame.

Part No.	Description
UBM19-0908-5R	9" Right Side, 1-1/4" Offset, Accepts Screw-In Ball Joint
UBM19-0928-5L	9-1/2" Left Side, 1-1/4" Offset, Accepts Screw-In Ball Joint



“25” Series Lower Control Arms

Steel round tube control arms accept screw-in ball joints and 3/4" rod ends.

Part No.	Length	Application	Ball Joint Type	Allstar Ball Joint Part No.
UBM25-1165	16-5/8"	Mastersbilt (Round)	Screw-In	ALL56216
UBM25-1175	17-5/8"	Mastersbilt (Round)	Screw-In	ALL56216
UBM25-1190	19"	Mastersbilt (Round)	Screw-In	ALL56216



Solid Rod End UBM47-1201

3/4" bore x 3/4"-16 RH thread. Used on “25” Series lower control arms or strut rods.



Retainer Clamps

Part No.	Description
UBM46-0135	Retainer Clamp, 3-1/4" O.D.
UBM46-0145	Retainer Clamp, 3-1/2" O.D.





UMP Lower Control Arms

Heavy duty UMP-legal lower control arms accept stock, press-in ball joints and stock, solid steel or mono-ball control arm bushings. Available for 1964-72 Chevelle and 1968-74 Nova/1967-69 Camaro.



Part No.	Description
UBM32-3210-L	1964-72 Chevelle, Left
UBM32-3210-R	1964-72 Chevelle, Right
UBM32-3220-L	1968-74 Nova/1967-69 Camaro, Left
UBM32-3220-R	1968-74 Nova/1967-69 Camaro, Right

Mono Ball Lower Control Arm Bushings

Revolutionary lower control arm bushings eliminate binding caused by misalignment. Solid steel design also eliminates deflection caused by soft factory-style rubber bushings. Sold two to a package (enough to do one lower control arm).



Part No.	Description
UBM32-0315	Full Size Ford 1965-78 (One Bushing)
UBM32-0320	Full Size Ford 1979 And Up (Two Bushings)
UBM32-0325	1973-90 Camaro/Firebird, 1971-90 Impala, 1973-77 Regal/Cutlass/Grand Am/Grand Prix
UBM32-0350	Metric 1978-88 Regal/Monte Carlo/Chevelle/Malibu/Grand Prix/Cutlass

Spring Bucket UBM35-1001

Accepts weight jack bolt and 5" or 5-1/2" coil spring. 1"-8 thread.



Upper Spring Plate UBM35-1002

Use with conventional coil springs and weight jack bolts.



Aluminum Weight Jack Bolts

1" OD, coarse thread jack bolts take 3/4" socket.

Part No.	Description
UBM35-1103	8" Long
UBM35-1105	11" Long



Steel Weight Jack Bolts

Bolts are gun drilled for weight reduction and available in two sizes.

Part No.	Description
UBM35-1102	1"-8 x 8" Long
UBM35-1104	1"-8 x 11" Long
UBM35-1107	3/4"-10 x 8" Long
ALL18264	3/4"-10 Steel Nut For Jack Bolt
ALL56110	1"-8 Steel Nut For Jack Bolt



Leaf Spring Slider Assembly

UBM35-2105

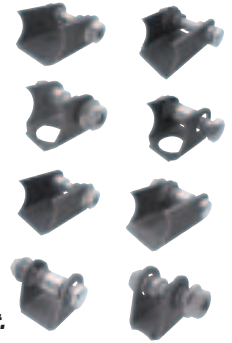
Replacement Components

Part No.	Description
UBM35-2110	Urethane Block
UBM35-2130	Leaf Spring Washer 2-5/16" OD x 5/16" Thick
UBM35-2135	Leaf Spring Bushing 1" OD x 2-1/2" L. Uses 1/2" Bolt



Coil-Over Shock Mounts

Part No.	Description
UBM35-3100	RH Angled Upper Shock Mount
UBM35-3110	LH Angled Upper Shock Mount
UBM35-3120	RH Short Upper Shock Mount
UBM35-3130	LH Short Upper Shock Mount
UBM35-3140	RH Long Upper Shock Mount
UBM35-3150	LH Long Upper Shock Mount
UBM35-3310	Lower Flat Shock Mount, Wide
UBM35-3325	Lower Shock Mount, Narrow



Note: On left side bracket, boss is welded on left.

Shock and Rigidity Bar Mount

Part No.	Description
UBM35-3160	Upper Coil-Over Shock Mount With Rigidity Bar Mount
UBM35-3170	Shock and Rigidity Bar Mount, Long



Clamp-On Ballast Bracket

Part No.	Description
UBM35-3324	1-1/2" Tube, 1/2" Thread (Round)
UBM35-3326	1-3/4" Tube, 1/2" Thread (Round)
UBM35-3327	1-1/4" Tube, 1/2" Thread (Round)
UBM35-3428	2" x 2", 1/2" Thread (Square)



Clamp-On Shock Mount

Part No.	Description
UBM35-3321	1-1/4" Clamp-On Shock Mount
UBM35-3322	1-1/2" Clamp-On Shock Mount
UBM35-3323	1-3/4" Clamp-On Shock Mount



Shock Mount Spacers

Spacers have a 1/2" I.D. and 3/4" O.D. Offered in 1/4", 1/2" and 3/4" lengths.

Part No.	Description
UBM999-5507-025	1/4" Long
UBM999-5507-050	1/2" Long
UBM999-5507-075	3/4" Long



Steering Column Mount

UBM40-0500

Lightweight stamped steel bracket is 8" long with a 2" adjustment slot for a 3/4" rod end.



Rack and Pinion Mounts

One-piece, die formed mounts are offered in two versions.

Part No.	Description
UBM40-0510	Rack and Pinion Mount
UBM40-0511	Narrow Rack and Pinion Mount



Sway Bar Bolts

Part No.	Description
UBM40-2103	8.5" Steel
UBM40-2109	11.5" Steel
UBM40-2111	12" Aluminum





Easy Access Sway Bar Adjuster

Complete kit includes: one UBM40-2121 threaded rod, one UBM40-2122 eye, two UBM40-2123 threaded inserts and one UBM40-2124 retainer clip.

Part No.	Description
UBM40-2120	Complete Kit
UBM40-2121	Sway Bar Adj. Rod (3/4"-10 x 11" Long)
UBM40-2122	Eye End For 1-1/4" Sway Bar
UBM40-2122-162	Eye End For 1-5/8" Sway Bar
UBM40-2123	Threaded Insert 3/4"-10 (Sold Each)
UBM40-2124	Retainer Clip



Ball Joint Sleeves

Part No.	Description	Allstar Ball Joint Part No.
UBM40-3300	Large Screw-In (Lower)	ALL56216
UBM40-3300-137	Large Screw-In, Tall (Lower)	ALL56216
UBM40-3301	Small Press-In (Lower)	ALL56218
UBM40-3302	Large Press-In (Lower)	ALL56206
UBM40-3303	Small Screw-In (Upper)	ALL56214
UBM40-3304	Large Press-In (Lower)	ALL56206
UBM40-3307	Lower, 1968-72 Chevelle/ 1967-69 Camaro/1968-74 Nova	ALL56210
UBM40-3308	Lower, 1971-76 Impala	ALL56212



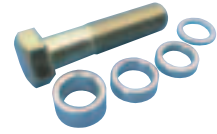
Monoball Pins

Part No.	Description
UBM40-4171	Stud For Large Screw-In Ball Joint
UBM40-4185-A	Stud For Upper 5/8" Dia. Hi-Misalignment Monoball
UBM40-4203	Stud For Metric Tie Rod End
UBM40-4267	Stud For GM Press-In

Bump Steer Kit

Mounts 5/8" outer tie rod end to spindle arm. Adding or subtracting spacers adjusts bump steer. Kit includes 5/8" bolt with 4 spacers: .100", .200", .300" and .500".

Part No.	Description
UBM44-0300	Bump Steer Kit
UBM44-0301	0.030" Thick Spacer Only
UBM44-0302	0.060" Thick Spacer Only
UBM44-0305	0.100" Thick Spacer Only
UBM44-0310	0.200" Thick Spacer Only
UBM44-0315	0.300" Thick Spacer Only
UBM44-0320	0.500" Thick Spacer Only



Clamp-On Lift Bar Stabilizer

UBM46-0138

Clamp-on design lift bar stabilizer attaches to axle tube.



GM Metric Chassis Trailing Arm Components

Ideal for factory, hobby or street stocks using GM metric (Malibu/Regal/Cutlass/Grand Prix) chassis. Mono-ball bearings replace traditional trailing arm bushings for improved handling.



Part No.	Description
UBM46-1090	Trailing Arm Mono-Ball Pivot Kit, Pair
UBM46-1091	Upper Trailing Arm Mounts With Mono-Ball Bearings, Pair
UBM46-1091A	Upper Trailing Arm Mounts Only, Pair
UBM46-1092	Lower Trailing Arm Mounts Only, Pair

Trailing Arms/Strut Rod Tubes

Lightweight, swaged steel tubes are knurled for positive gripping. Gold anodized trailing arms/strut rod tubes are available in a variety of sizes.



Length	1-1/4" O.D. 3/4" Thread	1" O.D. 3/4" Thread	7/8" O.D. 5/8" Thread	1" O.D. 5/8" Thread	3/4" O.D. 1/2" Thread	Length	1-1/4" O.D. 3/4" Thread	1" O.D. 3/4" Thread	7/8" O.D. 5/8" Thread	1" O.D. 5/8" Thread	3/4" O.D. 1/2" Thread
3-1/2"	-	-	UBM42-0323-C	-	-	24"	UBM42-2401-A	UBM42-2402-A	UBM42-2403-C	UBM42-2402-C	UBM42-2405-E
4"	-	-	UBM42-0403-C	-	-	25"	UBM42-2501-A	UBM42-2502-A	UBM42-2503-C	UBM42-2502-C	UBM42-2505-E
4-1/2"	-	-	UBM42-0423-C	-	-	26"	UBM42-2601-A	UBM42-2602-A	UBM42-2603-C	UBM42-2602-C	UBM42-2605-E
5"	-	UBM42-0502-A	UBM42-0503-C	-	UBM42-0505-E	27"	UBM42-2701-A	UBM42-2702-A	UBM42-2703-C	UBM42-2702-C	UBM42-2705-E
5-1/2"	-	-	UBM42-0523-C	-	-	28"	UBM42-2801-A	UBM42-2802-A	UBM42-2803-C	UBM42-2802-C	UBM42-2805-E
6"	-	UBM42-0602-A	UBM42-0603-C	-	UBM42-0605-E	29"	UBM42-2901-A	UBM42-2902-A	-	-	-
6-1/2"	-	-	UBM42-0623-C	-	-	30"	UBM42-3001-A	UBM42-3002-A	-	-	-
7"	-	UBM42-0702-A	UBM42-0703-C	-	UBM42-0705-E	31"	UBM42-3101-A	UBM42-3102-A	-	-	-
7-1/2"	-	UBM42-0722-A	UBM42-0723-C	-	-	32"	UBM42-3201-A	UBM42-3202-A	-	-	-
8"	UBM42-0801-A	UBM42-0802-A	UBM42-0803-C	UBM42-0802-C	UBM42-0805-E	33"	UBM42-3301-A	UBM42-3302-A	-	-	-
9"	UBM42-0901-A	UBM42-0902-A	UBM42-0903-C	UBM42-0902-C	UBM42-0905-E	34"	UBM42-3401-A	UBM42-3402-A	-	-	-
9-1/2"	-	-	UBM42-0923-C	-	-	35"	UBM42-3501-A	UBM42-3502-A	-	-	-
10"	UBM42-1001-A	UBM42-1002-A	UBM42-1003-C	UBM42-1002-C+	UBM42-1005-E	36"	UBM42-3601-A	UBM42-3602-A	-	-	-
11"	UBM42-1101-A	UBM42-1102-A	UBM42-1103-C	UBM42-1102-C	UBM42-1105-E	37"	UBM42-3701-A	UBM42-3702-A	-	-	-
12"	UBM42-1201-A	UBM42-1202-A	UBM42-1203-C	UBM42-1202-C	UBM42-1205-E	38"	UBM42-3801-A	UBM42-3802-A	-	-	-
13"	UBM42-1301-A	UBM42-1302-A	UBM42-1303-C	UBM42-1302-C	UBM42-1305-E	39"	UBM42-3901-A	-	-	-	-
14"	UBM42-1401-A	UBM42-1402-A	UBM42-1403-C	UBM42-1402-C	UBM42-1405-E	40"	UBM42-4001-A	UBM42-4002-A	-	-	-
15"	UBM42-1501-A	UBM42-1502-A	UBM42-1503-C	UBM42-1502-C	UBM42-1505-E	41"	UBM42-4101-A	-	-	-	-
16"	UBM42-1601-A	UBM42-1602-A	UBM42-1603-C	UBM42-1602-C	UBM42-1605-E	42"	UBM42-4201-A	-	-	-	-
17"	UBM42-1701-A	UBM42-1702-A	UBM42-1703-C	UBM42-1702-C	UBM42-1705-E	43"	UBM42-4301-A	-	-	-	-
18"	UBM42-1801-A	UBM42-1802-A	UBM42-1803-C	UBM42-1802-C	UBM42-1805-E	44"	UBM42-4401-A	-	-	-	-
18-1/2"	UBM42-1821-A	UBM42-1822-A	-	-	-	45"	UBM42-4501-A	-	-	-	-
19"	UBM42-1901-A	UBM42-1902-A	UBM42-1903-C	UBM42-1902-C	UBM42-1905-E	46"	UBM42-4601-A	-	-	-	-
20"	UBM42-2001-A	UBM42-2002-A	UBM42-2003-C	UBM42-2002-C	UBM42-2005-E	47"	UBM42-4701-A	-	-	-	-
20-1/2"	UBM42-2021-A	UBM42-2022-A	UBM42-2023-C	UBM42-2022-C	-						
21"	UBM42-2101-A	UBM42-2102-A	UBM42-2103-C	UBM42-2102-C	UBM42-2105-E						
22"	UBM42-2201-A	UBM42-2202-A*	UBM42-2203-C	UBM42-2202-C	UBM42-2205-E						
23"	UBM42-2301-A	UBM42-2302-A	UBM42-2303-C	UBM42-2302-C	-						

* Use part number UBM42-2202-AC for 3/4" RH threads and 5/8" LH threads.

+ Use part number UBM42-1002-CB for 5/8" RH threads and 11/16" LH threads.



Tube Clamps

Two-piece, two bolt clamps are available in a variety of sizes and widths.

Description	1-3/4" Wide	2" Wide
1" I.D. Tube Clamp	UBM46-0215	UBM46-0216
1-1/4" I.D. Tube Clamp	UBM46-0218	UBM46-0219
1-1/2" I.D. Tube Clamp	UBM46-0220	UBM46-0225
1-3/4" I.D. Tube Clamp	UBM46-0230	UBM46-0235



Clamp-On Panhard Bar Mounts

Panhard bar mounts clamp to a 3" rear end tube. Determine proper size by measuring from the center of the clamp to the end of the tube.

Part No.	Description	UBM46-1526
UBM46-1526	5-1/2" Panhard Bar Mount	
UBM46-1600	8" Serrated Panhard Bar Mount, Quick Change	
UBM46-1610	5-1/2" Serrated Panhard Bar Mount, Ford	



Serrated Blocks And Plates



UBM46-1602



UBM46-1601-A

Part No.	Description
UBM46-1601-A	Serrated Block - 3/4" Hole
UBM46-1601-B	Serrated Block - 5/8" Hole
UBM46-1601-C	Serrated Block With Sides - 3/4" Hole
UBM46-1602	2" x 6" Serrated Plate - 3/4" Slot
UBM46-1604	2" x 6" Serrated Plate - 5/8" Slot

Note: All U-B serrated plates and blocks have 1/4" of adjustment.

Steel Clamp-On Clevis

Part No.	Description	UBM46-1820
UBM46-1820	1-1/2" Tube, 1/2" Rod End	
UBM46-1825	1-1/2" Tube, 5/8" Or 3/4" Rod End	
UBM46-1845	1-3/4" Tube, 5/8" Or 3/4" Rod End	



3/4" Spacers

Use with center section mounted trailing arm brackets to properly align the trailing arm on chassis. Spacers have many other uses. All spacers are 1" O.D. with a 3/4" hole.

Spacer Size	Steel Part No.	Aluminum Part No.
3/4" x 1/2"	UBM999-5751-050	UBM999-5751-050A
3/4" x 3/4"	UBM999-5751-075	UBM999-5751-075A
3/4" x 1"	UBM999-5751-100	-
3/4" x 1-1/2"	UBM999-5751-150	-
3/4" x 3-3/16"	UBM999-5751-318	UBM999-5751-318A



Trailing Arm Ends

Part No.	Description
UBM46-2320	RH 3/4" Thread
UBM46-2330	LH 3/4" Thread



Monoball Components

Description	Bearing Part No.	Housing Part No.	Snap Ring Part No.
5/8" High Misalignment	UBM47-1085	UBM48-1010	UBM48-5137
3/4" Monoball	UBM47-1255	UBM48-1211	UBM48-5143



SB Chevy Aluminum Mid-Plates



Part No.	Description
UBM50-0100	Mastersbilt Chassis, 2-5/8" Offset
UBM50-0101	Pierce Chassis, 5/8" Offset

SB Chevy Motor Mounts

Stamped steel for added strength and supplied with a gold finish for an impressive look.



Chassis Brackets

Part No.	Description
UBM55-0160	Chassis Tab, 1/8" Thick, 3/8" Hole
UBM55-0161	Chassis Tab, .083" Thick, 3/8" Hole
UBM55-0180	Chassis Tab, 3/16" Thick, 1/2" Hole
UBM55-0190	Body Mounting Tab, .083" Thick, 1/4" Hole
UBM55-0191	Body Mounting Tab, 1/8" Thick, 1/4" Hole



Adjustable Upper Control Arm Mount

Control Arm Mount is constructed from 3/8" thick steel and includes a 1/2" slot on 6" centers for adjustment.

Part No.	Description
UBM55-0248	Adjustable Upper Control Arm Mount
UBM55-0254-A	Serrated Washer, 1/2" Hole



Driveshaft Hoop UBM55-0300

9" tall hoop is made from 1" round tubing.



Hood Pins And Accessories

Part No.	Description
UBM60-0010	3/16" Torsion Pin
UBM60-0015	3/16" Hair Pin
UBM60-0100	1/2" Dia. Plain Hood Pin
UBM60-0115	Scuff Plate
UBM999-4507-075	Hood Pin Boss, 1/2"-20 x 3/4" Long



Gas Pedals

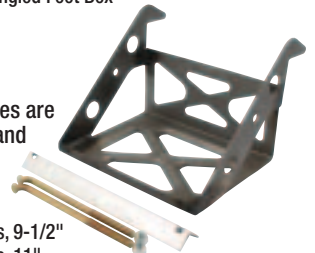
Part No.	Description
UBM60-1300	Long Pedal With Straight Foot Box
UBM60-1310	Short Pedal With Straight Foot Box
UBM60-1320	Long Pedal With 45° Angled Foot Box
UBM60-1330	Short Pedal With 45° Angled Foot Box
UBM60-1340	Firewall Mount Pedal



Battery Boxes

Durable, yet lightweight battery boxes are manufactured from die formed steel and include radius reinforced lightening holes.

Part No.	Description
UBM60-3000	Battery Box With Hooks, 9-1/2"
UBM60-3010	Battery Box With Hooks, 11"
UBM60-3015	Battery Box Bolt



Crossmember Spacer

UBM999-5507-125

Spacer has a 1/2" I.D., 3/4" step and is 1-1/4" long.





Oversized GM Metric Caliper

All new casting uses a giant 2-3/4" piston to increase caliper clamping force by as much as 20%. Brake proportioning is improved and the range of brake bias adjustment for better brake performance is considerably better. The stock appearing caliper will fit all stock metric applications and is assembled with new piston and internal parts before being quality control checked and pressure tested.



Part No.	Description
USB7241-9001	Right Side Oversized GM Metric Caliper
USB7241-9002	Left Side Oversized GM Metric Caliper

Stock GM Metric Caliper

Brand new calipers are assembled using new pistons and seals.



Part No.	Description
USB7241-9003	Right Side Stock GM Metric Caliper
USB7241-9004	Left Side Stock GM Metric Caliper

Right Side Undersized GM Metric Caliper USB7241-9005

Stock appearing, cast brake calipers feature a 2-1/4" dia. undersized piston for an increased range of brake bias adjustment, improved braking and performance.



Brake Pads

C1 Compound handles medium to high temps, has consistent performance and resists brake fade. Recommended for 400° - 900° temp range. Ideal for dirt track.

C2 Compound is excellent at high temps, can withstand wide-ranging temp changes and provide predictable pedal feel. High in torque value with very long wear life, rotor friendly, with easy pad break-in. Recommended for temps in the 500° - 1200° range.



Part No.	Description	Part No.	Description
C1 Brake Pads (Axle Set 4-Pads)		C2 Brake Pads (Axle Set 4-Pads)	
USB1251-1000	DL/2000/F33i	USB1251-2000	DL/2000/F33i
USB1251-1001	SL/3000/4000/F88i	USB1251-2001	SL/3000/4000/F88i
USB1251-1002	NDL/2800/F22i	USB1251-2052	GM Large (D52)
USB1251-1052	GM Large (D52)	USB1251-2154	GM Metric
USB1251-1154	GM Metric		

Hybrid Brake Rotor

Hybrid, 10.13" O.D. x .813" thick brake rotor combines the strength of a Ford Granada style hub with the light weight (14.8 lbs.) of a GM metric brake rotor. All new casting is designed for use with metric calipers and built specifically for racing with 5 x 5" and 5 x 4.75" bolt patterns. Mount with '74-80 Pinto/Mustang II spindle, AFCO brake caliper brackets AFC40122PL (LH) and AFC40122PR (RH), standard bearings and seals. Races and 5/8" studs installed. Brake pad spacers recommended.



Part No.	Description
USB9850-6505	Hybrid Brake Rotor
USB9851-8501	Dust Cap
USB9851-8510	Bearing Kit
USB9851-8521	Seal

Stock Brake Rotors

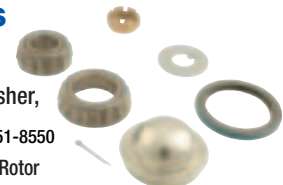
Stock appearing brake rotors meet most sanctioning body requirements for modifieds, street stocks and hobby stocks. Rotors include races and 5/8" coarse thread studs, installed on a 5 x 5 bolt pattern.



Part No.	Description	Thickness	Bolt Circle	Disc Dia.
USB9850-6500	GM Metric Style Rotor, 1979-Up,	1.00"	5 x 5	10.50"
USB9850-6510	Ford Granada Style Rotor, 1975-81	.875"	5 x 5	11.00"

Hub Master Install Kits

Simplify brake rotor installation. Kits include inner and outer wheel bearings, grease seal, spindle nut, spindle nut washer, cotter pin and dust cap.



Part No.	Description
USB9851-8550	GM 1979-Up Metric Style Rotor
USB9851-8551	US Brake Hybrid Rotor
USB9851-8552	Ford 1975-81 Style Rotor

Racing Brake Rotors

Cast from high grade alloys for superb thermal shock stability, rotors are machined and Blanchard ground for precise flatness. 8-bolt x 7" bolt circle x 11.75" diameter pattern fits most applications.



Part No.	Description	Thickness	Bolt Circle	Weight
USB9850-6020	Straight Vane 8 Bolt	1.25"	7"	8.9 Lbs.
USB9850-6021	Straight Vane 8 Bolt	.810"	7"	8.2 Lbs.
USB9850-6120*	Straight Vane 8 Bolt	1.25"	7"	7.9 Lbs.
USB9850-8021	Curved Vane 8 Bolt-Right Hand	1.25"	7"	8.9 Lbs.

* *Lightweight, drilled rotors.*

Aluminum Master Cylinders

New and improved, aluminum master cylinders have high capacity reservoirs and precise bores. External return spring provides positive pedal feel and prolongs pad life. Dual mounting bolt pattern and use of standard 1/8" NPT port fittings allow easy installation.



Description	Master Cylinder Kit	Master Cylinder Rebuild Kit
3/4" Bore Master Cylinder	USB2011-1512	USB2011-1512K
7/8" Bore Master Cylinder	USB2011-1514	USB2011-1514K
1" Bore Master Cylinder	USB2011-1516	USB2011-1516K

Replacement Components

Part No.	Description
USB2012-2050	Lid
USB2012-2051	Gasket
USB2012-2052	Retainer Wire
USB2012-2053	Push Rod Kit
USB2012-2055	External Boot

Ultra HTX Brake Fluid

Exceeds DOT 3, 4, and 5.1 requirements, non-silicone, wet boiling point exceeds 420 degrees, dry boiling point exceeds 600 degrees. Eliminates vapor lock. Sold in 16.9 oz. bottles, or in cases.

16.9 Bottle	1 Case (12/16.9 Oz. Bottles)
USB9501-6600	USB9501-7600

