



## Coil-Over Springs

High-quality chrome silicon springs have a steel blue epoxy finish and are metal tagged for easy identification. All diameters and rates are in stock.

Rate	2-1/2" Dia.						1-7/8" Dia.	
	14" Tall	12" Tall	10" Tall	8" Tall	7" Tall	10" Tall Progressive	10" Tall	8" Tall
80	-	SSSB80	SSSC80	-	-	-	-	SSSZ080
90	-	SSSB90	SSSC90	-	-	-	-	-
100	SSSA100	SSSB100	SSSC100	-	-	-	SSZA100	SSZZ100
110	-	SSSB110	-	-	-	-	SSZA110	-
120	-	-	-	-	-	-	SSZA120	SSZZ120
125	SSSA125	SSSB125	SSSC125	-	-	-	-	-
130	-	-	-	-	-	-	SSZA130	-
140	-	SSSB140	-	-	-	-	SSZA140	SSZZ140
150	SSSA150	SSSB150	SSSC150	SSSD150	-	SSSX150/350	SSZA150	-
160	-	-	-	-	-	-	SSZA160	SSZZ160
170	-	-	-	-	-	-	SSZA170	-
175	SSSA175	SSSB175	SSSC175	SSSD175	-	SSSX175/450	-	-
180	-	-	-	-	-	-	SSZA180	SSZZ180
185	-	-	SSSC185	-	-	-	-	-
200	SSSA200	SSSB200	SSSC200	SSSD200	-	-	SSZA200	SSZZ200
220	-	-	-	-	-	-	SSZA220	SSZZ220
225	SSSA225	SSSB225	SSSC225	SSSD225	-	-	-	-
240	-	-	-	-	-	-	SSZA240	SSZZ240
250	SSSA250	SSSB250	SSSC250	SSSD250	SSSE250	-	-	-
260	-	-	-	-	-	-	SSZA260	SSZZ260
275	SSSA275	SSSB275	SSSC275	SSSD275	SSSE275	-	-	-
280	-	-	-	-	-	-	SSZA280	SSZZ280
300	SSSA300	SSSB300	SSSC300	SSSD300	SSSE300	-	SSZA300	SSZZ300
320	-	-	-	-	-	-	SSZA320	SSZZ320
325	SSSA325	SSSB325	SSSC325	SSSD325	-	-	-	-
340	-	-	-	-	-	-	SSZA340	-
350	SSSA350	SSSB350	SSSC350	SSSD350	SSSE350	-	-	-
375	-	SSSB375	SSSC375	SSSD375	-	-	-	-
380	-	-	-	-	-	-	SSZA380	-
400	-	SSSB400	SSSC400	SSSD400	SSSE400	-	-	-
425	-	SSSB425	SSSC425	SSSD425	-	-	SSZA400	-
440	-	-	-	-	-	-	-	-
450	-	SSSB450	SSSC450	SSSD450	SSSE450	-	-	-
475	-	SSSB475	SSSC475	-	-	-	-	-
500	-	SSSB500	SSSC500	-	SSSE500	-	SSZA500	-
550	-	SSSB550	SSSC550	-	-	-	-	-
600	-	SSSB600	SSSC600	-	-	-	-	-
650	-	SSSB650	SSSC650	-	-	-	-	-
700	-	SSSB700	SSSC700	-	-	-	-	-
750	-	-	SSSC750	-	-	-	-	-
800	-	SSSB800	-	-	-	-	-	-



## IMCA 3rd Link Springs

Replacement 5" spring for IMCA spring-loaded 3rd links. 4" long springs are used on Coleman 3rd Link, while 7" long springs fit Harris and D&M applications.

Part No. Description

### 4" Long Springs

SSSZ800 ..... 5" O.D. X 4" Long, 800 lb.  
SSSZ1000 ..... 5" O.D. X 4" Long, 1000 lb.

### 7" Long Springs

SSSJA700 ..... 5" O.D. X 7" Long, 700 lb.  
SSSJA800 ..... 5" O.D. X 7" Long, 800 lb.  
SSSJA900 ..... 5" O.D. X 7" Long, 900 lb.  
SSSJA1000 ..... 5" O.D. X 7" Long, 1000 lb.  
SSSJA1100 ..... 5" O.D. X 7" Long, 1100 lb.  
SSSJA1200 ..... 5" O.D. X 7" Long, 1200 lb.



Jonny MacDonald



John Long

Photos By: John Berglund



## Conventional Front Springs

Rate	5" Dia.			5.5" Dia.			
	12" Tall	9-1/2" Tall	8" Tall	12" Tall	11" Tall	9-1/2" Tall	8" Tall
250	-	-	-	-	-	SSSK250	-
300	-	-	-	-	-	SSSK300	-
325	-	-	-	-	-	SSSK325	-
350	-	-	-	-	-	SSSK350	-
375	-	-	-	-	-	SSSK375	-
400	-	-	SSSY400	-	-	SSSK400	-
450	-	-	SSSY450	-	-	SSSK450	-
500	-	SSSJ500	SSSY500	-	-	SSSK500	-
550	-	SSSJ550	SSSY550	-	-	SSSK550	SSSI550
600	-	SSSJ600	SSSY600	-	-	SSSK600	SSSI600
650	-	SSSJ650	SSSY650	-	-	SSSK650	SSSI650
700	SSSP700	SSSJ700	SSSY700	SSSQ700	SSSQA700	SSSK700	SSSI700
750	-	SSSJ750	SSSY750	-	-	SSSK750	SSSI750
800	SSSP800	SSSJ800	SSSY800	SSSQ800	SSSQA800	SSSK800	SSSI800
850	-	SSSJ850	SSSY850	-	-	SSSK850	SSSI850
900	SSSP900	SSSJ900	SSSY900	SSSQ900	SSSQA900	SSSK900	SSSI900
950	-	SSSJ950	SSSY950	-	-	SSSK950	SSSI950
1000	SSSP1000	SSSJ1000	SSSY1000	SSSQ1000	SSSQA1000	SSSK1000	SSSI1000
1050	-	SSSJ1050	-	-	-	SSSK1050	SSSI1050
1100	SSSP1100	SSSJ1100	-	SSSQ1100	SSSQA1100	SSSK1100	SSSI1100
1150	-	-	-	-	-	SSSK1150	SSSI1150
1200	SSSP1200	SSSJ1200	-	SSSQ1200	SSSQA1200	SSSK1200	SSSI1200
1250	-	SSSJ1250	-	-	-	SSSK1250	-
1300	SSSP1300	SSSJ1300	-	SSSQ1300	SSSQA1300	SSSK1300	-
1400	SSSP1400	SSSJ1400	-	SSSQ1400	SSSQA1400	SSSK1400	-
1500	-	SSSJ1500	-	SSSQ1500	-	SSSK1500	-
1600	-	-	-	SSSQ1600	-	SSSK1600	-

**Note:** Prefix P and Q are unpainted stock-appearing. Prefix QA springs are commonly used on metric frame cars.



## Front Spring Applications

5" ..... 1964-72 Chevelle, 1967-69 Camaro, 1968-74 Nova  
 5-1/2" ..... 1973-Up Chevelle, 1970-Up Camaro, 1975-Up Nova and most Fords

## Conventional Rear Springs

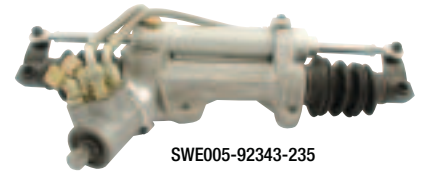
Rate	5" Dia.				5" Dia.	5.5" Dia. Stock Appearing*	
	15" Tall	13" Tall	10-1/2" Tall	8" Tall	Progressive 10-1/2" Tall	Single Pigtail 12" Tall	Single Pigtail 11" Tall
75	-	-	SSSM75	-	-	-	-
100	-	SSSL100	SSSM100	SSSN100	-	-	-
125	-	SSSL125	SSSM125	SSSN125	-	SSSS125	SSSR125
150	SSSLA150	SSSL150	SSSM150	SSSN150	SSSO150/350	SSSS150	SSSR150
175	SSSLA175	SSSL175	SSSM175	SSSN175	SSSO175/450	SSSS175	SSSR175
200	SSSLA200	SSSL200	SSSM200	SSSN200	-	SSSS200	SSSR200
225	SSSLA225	SSSL225	SSSM225	SSSN225	SSSO225/500	SSSS225	SSSR225
250	SSSLA250	SSSL250	SSSM250	SSSN250	SSSO250/500	SSSS250	SSSR250
275	-	SSSL275	SSSM275	SSSN275	-	SSSS275	SSSR275
300	-	SSSL300	SSSM300	SSSN300	-	SSSS300	SSSR300
325	-	SSSL325	SSSM325	-	-	-	-
350	-	SSSL350	SSSM350	SSSN350	-	-	-
375	-	SSSL375	SSSM375	-	-	-	-
400	-	SSSL400	SSSM400	SSSN400	-	-	-
425	-	-	SSSM425	-	-	-	-
450	-	-	SSSM450	SSSN450	-	-	-
475	-	-	SSSM475	-	-	-	-
500	-	-	SSSM500	SSSN500	-	-	-

\* Suspension Spring makes stock appearing rear springs for use in classes where stock rear springs are required. Made from the same high quality chrome silicon spring steel, Suspension Springs have 5-1/2" O.D., are available in 11" and 12" free lengths with a single pigtail end, and are unpainted. Also available in 9" and 10" free lengths on a special order only basis.





SWE005-40311



SWE005-92343-235

## Rack And Pinions

In the manufacture of racing rack and pinion units, Sweet is the undisputed leader. All part numbers listed have an 18-1/4" standard center distance, although others are available.

Description	2" Rack Part No.	2-1/4" Rack Part No.	2-1/2" Rack Part No.	3" Rack Part No.	3-1/4" Rack Part No.	3-1/2" Rack Part No.	3-3/4" Rack Part No.	4" Rack Part No.	4-1/4" Rack Part No.
<b>Manual Unit</b>									
Tie Rod Eyes	SWE005-40311	-	SWE005-60311	SWE005-80311	-	-	-	-	-
On-Center Eyes	-	-	SWE005-60312	-	-	-	-	-	-
Rod End Eyes	SWE005-40313	SWE005-50313	SWE005-60313	-	-	-	-	-	-
<b>Dual Power Cylinder</b>									
On Center Eyes	-	-	SWE005-60342	-	-	-	-	-	-
Rod End Eyes	-	-	SWE005-60343*	SWE005-80343-250	SWE005-90343-250	SWE005-91343-235*	SWE005-92343-235	SWE005-93343-220	SWE005-94343-220
Heim Joint Eyes	-	-	SWE005-60344*	-	-	-	-	-	-
Slotted Eyes	-	-	SWE005-60345	SWE005-80345	-	-	-	-	-
Double Right Eyes For Rocket	-	-	-	-	-	-	SWE005-93847-220†	-	-

\* Also available with .250" valving by adding or substituting -250 to part number. † Rocket blue and grey chassis only. Will not fit black.

## Part Number Key for Custom Racks

**SWE005 - 40 3 4 3 250**  
 Rack Prefix 1 2 3 4 5

<b>1. Rack Speed</b>	
30 = 1-7/8"	East Coast Modified
40 = 2"	Pavement Late Model
50 = 2-1/4"	Pavement Late Model
60 = 2-1/2"	Pavement Late Model
80 = 3"	Pavement Late Model
91 = 3-1/2"	Dirt Late Model
92 = 3-3/4"	Dirt Late Model
93 = 4"	Dirt Late Model
94 = 4-1/4"	Dirt Late Model
<b>2. Center Distance</b>	
2 = 17-1/4"	Howe Chassis
3 = 18-1/4"	Port City/CJ, Rayburn/Barry, Wright/Troyer/Mastersbuilt/Rocket (Blue)
5 = 16" Min. To 21" Max.	Special Order
6 = 19-1/4"	GRT/Stinger/Warrior
7 = 19-3/4"	Rocket (Black)
8 = 18-1/4" + 19-1/4"	Rocket Blue And Grey
<b>3. Power Assist</b>	
1 = Manual	3 = Mini Cylinder
4 = Dual Power Cyl. (1-3/8" Piston)	
<b>4. Rack End</b>	
1 = Tie Rod, 5/8" Tapered Hole	5 = Slotted Eye On Center, 5/8" Heim
2 = On Center, 5/8" Thread Stud	6 = Upside Down Slotted Eye
3 = Rod End Eye, 5/8" Threaded Hole	7 = Double Right Eye For Rocket
4 = On Center Rod End, 5/8" Heim	
<b>5. Servo/Valve</b>	
185 = .185 XX Light	250 = .250 Medium
200 = .200 X Light	265 = .265 Medium
210 = .210 Light	275 = .275 Medium/Heavy
220 = .220 Light	300 = .300 Bloomquist
235 = .235 Medium/Light	

## Rod End For On Center Eye

### SWE001-21114

Replacement rod end for SWE001-21110 and SWE001-21111. Rack does not need to be disassembled to replace.




## Rack Mounting Plate

### SWE001-21060

Mounting plates are hand made and welded by Sweet technicians. Plate is a must when using a Sweet rack and pinion.



## Replacement Rack Eyes

Description	LH Part No.	RH Part No.
<b>Tie Rod End Eyes</b>		
For Rack With Mini Cylinder	 SWE001-21081	 SWE001-21082
<b>5/8" Threaded Rod End Eyes</b>		
For Rack With Mini Cylinder	 SWE001-21101	 SWE001-21102
<b>5/8" Tapered Tie Rod End Eyes</b>		
For Rack With Dual Pull Cylinder	 SWE001-21083	 SWE001-21084
<b>5/8" Threaded Rod End Eyes</b>		
For Rack With Dual Pull Cylinder	 SWE001-21103	 SWE001-21104
<b>On-Center Rod End Eyes</b>		
For Rack With Dual Pull Cylinder	 SWE001-21110	 SWE001-21111
<b>5/8" On-Center Eyes</b>		
For Rack With Dual Pull Cylinder	 SWE001-21093	 SWE001-21094
<b>Slotted Rack Eyes</b>		
With Bracket For Dual Pull Cylinder	 SWE001-21116	 SWE001-21117
Upside Down With Bracket For Dual Pull Cylinder	 SWE001-21126	 SWE001-21127
<b>Rocket Chassis</b>		
Double Hole For Dual Pull Cylinder	-	 SWE001-21105



## Boot And Bushing Kits

Kits contain two boots, two rack bushings and one pinion bearing seal.

Part No.	Description
SWE001-21502.....	2" Rack And Pinion Boot Kit
SWE001-21503.....	2-1/2" Rack and Pinion Boot Kit
SWE001-21507.....	3" Rack And Pinion Boot Kit
SWE001-21040.....	Boot Only (Sold Each)



## Rack Shafts and Pinions

Part No.	Description
SWE001-11020.....	Pinion For 2-1/4" Rack, 9 Tooth
SWE001-21011.....	16-7/16" Rack Shaft For 18-1/4" Rack
SWE001-21014.....	15-7/8" Rack Shaft For 18-1/4" Rack, On Center
SWE001-21020.....	Pinion For 2" Rack, 8 Tooth
SWE001-21050.....	Pinion Bearing, 1-7/8", 2", 2-1/2"
SWE001-31020.....	Pinion For 2-1/2" Rack, 10 Tooth
SWE001-71020.....	Pinion For 3" Rack, 12 Tooth



## 700 Series Sportsman Steering Boxes

IMCA-legal, remanufactured 6:1, 8:1 and 12:1 boxes are for use without a steering quickener, while the 16:1 ratio box has a .185" valve and is engineered for use with steering quickeners.

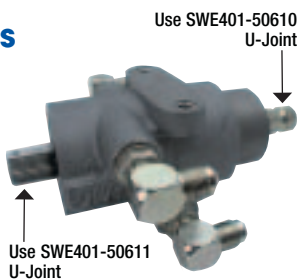
**Note:** When using a steering quickener, a .185" Or .200" Valve must also be used. Anything higher will be extremely hard to steer.



Part No.	Description
SWE206-06185.....	6:1 Ratio, .185" Valve, 3/4"-30 Spline
SWE206-08210.....	8:1 Ratio, .210" Valve, 3/4"-30 Spline
SWE206-16185.....	16:1 Ratio, .185" Valve, 3/4"-30 Spline
SWE208-06185.....	6:1 Ratio, .185" Valve, 13/16"-36 Spline
SWE208-08210.....	8:1 Ratio, .210" Valve, 13/16"-36 Spline
SWE208-12235.....	12:1 Ratio, .235" Valve, 13/16"-36 Spline
SWE208-12250.....	12:1 Ratio, .250" Valve, 13/16"-36 Spline
SWE208-16185.....	16:1 Ratio, .185" Valve, 13/16"-36 Spline

## Power Steering Servos

Part No.	Description
<b>Servos</b>	
SWE301-30185.....	0.185", XX Light
SWE301-30220.....	0.220", Light
SWE301-30250.....	0.250", Medium
SWE301-30265.....	0.265", Medium
SWE301-30275.....	0.275", Medium/Heavy
SWE301-30300.....	0.300", Heavy
<b>Servo Seal Kit</b>	
SWE311-30040.....	Heavy



## 600 Series 10:1 Steering Box SWE209-10235

No quickener is needed. Medium/light, .235" valved unit is all new, dyno tested and ideal for asphalt short track cars including Hooters Cup.



## Power Steering Cylinders

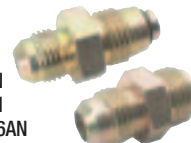
Part No.	Description
SWE301-30061.....	Long Standard Cylinder - 16-1/2"
SWE301-30062.....	Mini Cylinder - 11-1/4" Long
SWE301-30063.....	Dual Power Cylinder, 1-1/4" Piston
SWE301-30066.....	Seal Kit For SWE301-30061 and SWE301-30062
SWE301-30067.....	Seal Kit For SWE301-30063
SWE302-32063.....	Dual Piston Cylinder, 1 - 3/8" Piston, '03 Newer Racks
SWE332-43230.....	Seal Kit for SWE302-32063



## Replacement AN Fittings

Part No.	Description
SWE201-28001*	Small Fitting With O-Ring To -6AN
SWE201-28002*	Large Fitting With O-Ring To -6AN
SWE201-28003.....	Small Fitting Without O-Ring To -6AN
SWE201-28004.....	Large Fitting Without O-Ring To -6AN

\* Used in Sweet steering boxes.



## Power Steering Pumps

Each Sweet pump is thoroughly tested for correct flow and pressure prior to shipment. The 1,300 PSI pumps are ideal for most race cars. The aluminum pumps weigh 3-3/4 lbs., approximately 1 lb. lighter than steel models.

Part No.	Description
SWE305-60330.....	Aluminum Pump Only, 1,300 PSI
SWE305-60331.....	Aluminum Pump With Sweet 6" Dia. Pulley, 1,300 PSI
SWE305-60334.....	Aluminum Pump With 3/8" Hex Drive, 1,300 PSI
SWE305-70331.....	Steel Pump With Sweet 6" Dia. Pulley, 1,300 PSI
SWE305-70350*	Steel IMCA Pump Only, 1,300 PSI
SWE305-70351*	Steel IMCA Pump With Sweet 6" Dia. Pulley, 1,300 PSI
SWE305-70330.....	Steel PSI Pump Only, 1,300 PSI
SWE301-30020.....	Aluminum 6" Dia. Sweet Pulley, 7/16" Wide



\* Designed specifically for use with a steering quickener. Steel IMCA pumps eliminate "stop and go" feeling when using a power steering box and steering quickener.

## Power Steering Tanks With Bracket

SWE301-30052	SWE301-30094	SWE301-30071
Part No.	Description	
SWE301-30050.....	Short Style (5") Tank With Bracket	
SWE301-30052.....	Clamp-On Tank Bracket Only	
SWE301-30071.....	Long Style (7-1/2") Tank With Bracket	
SWE301-30094.....	Tank Cap Only	

## Power Steering Fluid SWE301-30090

Sold by the quart.



## Power Steering Pump Bracket Kits

Part No.	Description
SWE325-30030.....	Chevy Cylinder Head Mount Bracket Kit
SWE325-30034.....	Chevy V-8 Block Mount Bracket Kit
SWE325-30035.....	T-Nut
SWE325-30036.....	Bracket Bolt Kit (SWE301-30030)
SWE325-30037.....	Pump Bolt Kit (SWE301-30030, SWE301-30032 And SWE301-30034)





## Rear Mount Power Steering Pump Bracket Kits

**Part No. Description**  
**Quick Change Rear End Applications**  
 SWE501-30022..... Complete Kit (RH) Cast Bracket  
 SWE501-30023..... Cast Pump Bracket (RH) Only  
 SWE501-30024..... Aluminum Pulley Only  
 SWE501-30025..... Yoke Only  
 SWE501-30026..... Bolt Kit  
 SWE501-30027..... Yoke With Pulley  
 SWE501-30028..... Cast Pump Bracket (LH) Only  
**Ford 9" Applications**  
 SWE501-30046..... Yoke With Pulley



## Power Steering Hose Kits

Kits use Aeroquip PTFE hose with a 2,500 PSI maximum operating pressure and lightweight crimp-on fittings.

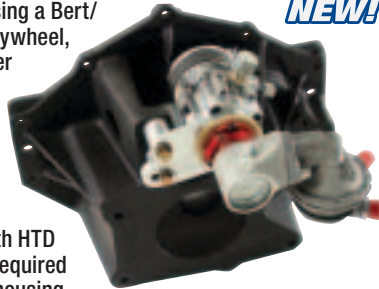
**Part No. Description**  
 SWE301-30081..... Front Mount For Steering Box  
 SWE301-30083..... Integrated Servo Rack With PTO Power Steering Pump, Trans. Mount  
 SWE301-30084..... Integrated Servo Rack With Standard Power Steering Pump, Engine Mount  
 SWE302-32100..... Replacement Hoses For Integrated Rack (2 Hoses On Rack)  
 SWE302-32101..... Long Hose For Integrated Rack With Fittings  
 SWE302-32102..... Short Hose For Integrated Rack With Fittings



## Tandem Power Steering Pump With Mechanical Fuel Pump Drive

Engineered for race cars using a Bert/Brinn style bellhousing and flywheel, tandem drive aluminum power steering pump features a special adapter and cam lobe style fuel pump drive that can be used to drive any small block Chevy mechanical fuel pump. Tandem pump is sold complete with 33-tooth HTD pulley, pulley guides and all required hardware. Pump mount, bellhousing, fuel pump and phenolic spacer must be purchased separately.

**NEW!**



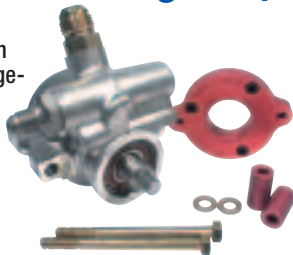
**Part No. Description**  
 SWE305-85839..... Tandem Power Steering Pump  
 SWE308-10100..... SB Chevy Mechanical Fuel Pump With Aluminum Clamp  
 SWE325-30044..... Bellhousing Pump Mount With Fuel Pump Adapter  
 SWE325-30059..... Phenolic Spacer For Fuel Pump

## Dry Sump Mount Power Steering Pump SWE301-30055

Aluminum (Delphi) PTO pump uses an extra long 3/8" hex for complete engagement. Fits most dry sump pumps.

**Part No. Description**  
 SWE305-60334..... Replacement Power Steering Pump  
 SWE325-30057..... Adapter Kit Only  
 SWE325-30058..... SCP Adapter  
 SWE325-30059..... Phenolic Spacer  
 SWE325-30060..... 3/8"-24 Hex Drive, Pump Shaft

**Note:** Hex drives may have to be trimmed to fit. SCP pump usage requires SWE325-30058, SWE325-30059 and SWE325-30060.



## Bellhousing Mount Power Steering Pump SWE305-60339

Aluminum 1,300PSI pump works with Bert or Brinn transmissions. An HTD pulley is included, but mounting bracket must be purchased separately.

**Part No. Description**  
 SWE325-30041..... Mounting Bracket And Hardware For SWE305-60339



## Universal Joints

Sweet Universal Joints are strong and very precise with no "slop" – specifically engineered for race cars. Compact, lightweight, and durable, the "Sweet Swivel" is NASCAR approved.

**Part No. Description**  
 SWE401-50606..... 3/4" X 3/4" Smooth  
 SWE401-50610..... 3/4", 48-Spline x 3/4" Smooth - Sweet Spline  
 SWE401-50611..... 13/16", 36-Spline x 3/4" Smooth - Chevy Power  
 SWE401-50612..... 3/4", 36-Spline x 3/4" Smooth - Chevy Manual  
 SWE401-50613..... 9/16", 26-Spline x 3/4" Smooth - Pinto Manual  
 SWE401-50614..... 5/8", 36-Spline x 3/4" Smooth - Vega  
 SWE401-50615..... 3/4", 30-Spline x 3/4" Smooth - New Chevy Power, Integrated Rack  
 SWE401-50618..... 1", 48-Spline x 3/4" Smooth  
 SWE401-50621..... 3/4", 20-Spline x 3/4" Smooth-Woodward, Collapsible Columns  
 SWE401-50808..... 5/8" x 5/8" Smooth



## Steering Couplers

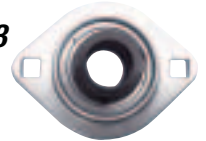
Straight Steering Couplers are 2" long, splined on one end and 3/4" smooth on the other. Available in several different sizes/spline counts.

**Part No. Description**  
 SWE301-30100..... 3/4", 48-Spline x 3/4" Smooth - Sweet Spline  
 SWE301-30110..... 13/16", 36-Spline x 3/4" Smooth - Chevy Power Spline  
 SWE301-30120\*..... 3/4", 36-Spline x 3/4" Smooth - Chevy Manual Spline  
 SWE301-30130..... 9/16", 26-Spline x 3/4" Smooth - Pinto Manual Spline  
 SWE301-30140..... 5/8", 36-Spline x 3/4" Smooth - Vega  
 SWE301-30150..... 3/4", 30-Spline x 3/4" Smooth - New Chevy Power  
 SWE301-30160..... 3/4", 20-Spline Sweet Column/Woodward/Allstar  
 \*SWE301-30120 fits Howe, D&M, Coleman and AFCO steering quickener



## Flange Bearing SWE405-50003

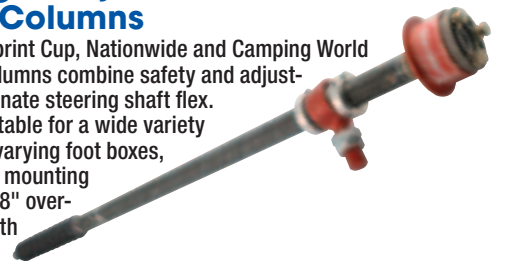
Concentric bearing has a 3/4" inside diameter and mounts on the firewall to hold the steering shaft. Includes lock collar.



## Lightweight Adjustable Steering Columns

Required by Sprint Cup, Nationwide and Camping World Truck Series, columns combine safety and adjustability, and eliminate steering shaft flex. Columns are suitable for a wide variety of chassis with varying foot boxes, dash bar or seat mounting locations. A 1-1/8" oversized bearing with 3/4" threads eases installation. Sold complete with an aluminum quick release.

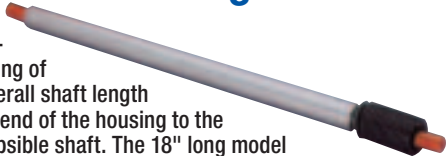
**Part No. Description**  
 SWE405-10310..... Standard Adjustable Steering Column, Adjusts From 22"-32"  
 SWE405-10315..... GRT Adjustable Steering Column, Adjusts From 28"-34"  
 SWE405-10317..... Rocket Adjustable Steering Column, Adjusts From 32"-42"  
 SWE405-10325..... Rayburn Adjustable Steering Column, Adjusts From 32"-42"





## Deluxe Adjustable Steering Columns

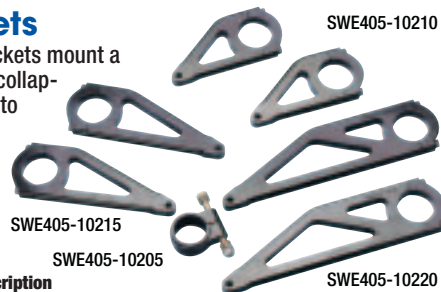
Collapsible column is engineered to eliminate flexing and bending of the steering shaft. Overall shaft length is measured from the end of the housing to the beginning of the collapsible shaft. The 18" long model works well in all short track cars. The column may be mounted using a column clamp and dash brackets.



Part No.	Description
SWE405-10001.....	18" Collapsible Column
SWE405-10003.....	21" Collapsible Column

## Dash Brackets

Billet aluminum brackets mount a standard 3/4" dia. or collapsible steering column to 1-3/4" roll bar tubing. Choice of 4-3/8", 6-3/8" or 9-3/8" length black anodized brackets. Brackets sold in pairs.



Part No.	Description
SWE405-10205.....	1-Hole Column Clamp
SWE405-10210.....	4-3/8" Long Dash Brackets
SWE405-10215.....	6-3/8" Long Dash Brackets
SWE405-10220.....	9-3/8" Long Dash Brackets

## Dash Bar Spacers

### SWE405-10230

Special 1-3/4" to 1-1/2" dia. reducer sleeves adapt Sweet dash brackets to chassis with 1-1/2" dash bars.



## Mono-Ball Steering Shaft Collars

Collar allows adjustment of steering shaft angle and steering wheel placement when used with Sweet Dash Mount Brackets. Available to fit 3/4" or 1-1/8" diameter steering shafts.

Part No.	Description
SWE405-10240.....	Steering Shaft Collar, Fits 3/4" Dia. Steering Shaft
SWE405-10243.....	Steering Shaft Collar, Fits 1-1/8" Dia. Steering Shaft <a href="#">NEW!</a>



## Aluminum Steering Wheels

Sweet Steering Wheels are available in 3" dished and flat styles with or without rubber coating.

Part No.	Description
<b>Standard - Coated Wheels</b>	
SWE601-70131.....	13" Flat Aluminum Wheel
SWE601-70132.....	13" Dished Aluminum Wheel
SWE601-70151.....	15" Flat Aluminum Wheel
SWE601-70152.....	15" Dished Aluminum Wheel
SWE601-70171.....	17" Flat Aluminum Wheel
SWE601-70172.....	17" Dished Aluminum Wheel
<b>Standard - Uncoated Wheels</b>	
SWE611-70151.....	15" Flat Aluminum Wheel
SWE611-70152.....	15" Dished Aluminum Wheel



## Steering Wheel Pads

Part No.	Description
SWE601-70100.....	Flat Steering Wheel Pad
SWE601-70300.....	Sprint Cup Wheel Pad



## Quick Release Steering Wheel Hubs

Quick release hubs in steel or aluminum are available to fit conventional or collapsible steering columns.



Part No.	Description
SWE801-70001.....	Steel Quick Release For 3/4" Shaft
SWE801-70002.....	Steel Quick Release For Splined Shaft, Sprint Car/KSE Steering Gear Applications
SWE801-70004.....	Aluminum Quick Release For 3/4" Shaft
SWE801-70006.....	Steel Hub Assembly Without Coupler
SWE801-70007.....	Aluminum Hub Assembly Without Coupler
SWE801-70008.....	Standard 3/4" Coupler Only
SWE801-70030.....	Steel Quick Release For Deluxe Adjustable Steering Column
SWE801-70031.....	Aluminum Quick Release For Deluxe Adjustable Steering Column
SWE801-70055.....	Aluminum Quick Release For Momo/Sparco 6-Bolt Steering Wheels

## Fabricated Spindles

Spindles are designed, hand-fabricated and welded by Sweet craftsmen for use on a wide range of race cars.



Description	LH Part No.	RH Part No.
<b>Late Model Dirt, 8 Degree</b>		
Wide 5 Hub, Superlite 11.75" Rotor	SWE701-118-121	SWE701-118-122
<b>Ford 7-3/4", 10 Degree</b>		
Wide 5 Hub, Superlite 11.75" Rotor, +1/2" Height	SWE701-120-123+1/2*	-
Howe/PCR 5X5 Hub, Superlite 11.75" Rotor	SWE701-120-223*	SWE701-120-222
<b>Chevy 8-1/2", 10 Degree</b>		
Wide 5 Hub, GM/Howe 11.75" Rotor, Adjustable	SWE701-121-113*	SWE701-121-112
Wide 5 Hub, Superlite 11.75" Rotor	SWE701-121-123*	SWE701-121-122
Wide 5 Hub, Superlite 11.75" Rotor, +1/2" Height	SWE701-121-123+1/2*	SWE701-121-122+1/2
Howe/PCR 5X5 Hub, GM/Howe 11.75" Rotor	SWE701-121-213*	SWE701-121-212
Howe/PCR 5X5 Hub, Superlite 11.75" Rotor	SWE701-121-223*	SWE701-121-222
<b>Chevy 8-1/2", 5 Degree</b>		
Wide 5 Hub, Dynalite 11.75" Rotor	-	SWE701-148-132
<b>Ford 7-3/4", 7 Degree</b>		
Wide 5 Hub, Superlite 11.75" Rotor	-	SWE701-150-122
Wide 5 Hub, Superlite 11.75" Rotor, +1/2" Height	-	SWE701-150-122+1/2

**Notes:** Ford spindles measure 7.75" from top to bottom, Chevy spindles are 8.5". The distance is the same on both designs from bottom to pin centerline.

\* Signifies adjustable.

## Ackermann Adjuster Block

Ackermann Adjuster controls the turning radius, keeping the right front wheel in proper relation to the left front wheel.

Part No.	Description
SWE701-100-101.....	Adjustable Block and Washer
SWE701-100-102.....	Block Only
SWE701-100-103.....	Washer Only





### Aluminum Carb Cover SWE901-10008

Cover will keep dirt and debris out of an engine during storage.



### Aluminum Panhard Bar Clevis SWE501-60010

Clamps around a 1-3/4" chassis tube for easy Panhard bar adjustment.



### Brake Caliper Brackets

Sweet manufactures brake caliper brackets in clamp-on aluminum and weld-on steel varieties. Aluminum brackets clamp on to a 3" diameter axle tube.

Part No.	Description
SWE501-60008.....	Aluminum Clamp-On Bracket
SWE501-60009.....	Bloomquist Superlight Clamp-On Bracket
SWE501-60021.....	Steel Bracket, Left Side, Standard GM
SWE501-60022.....	Steel Bracket, Right Side, Standard GM
SWE501-60023.....	Steel Bracket, Superlite, Sierra XL
SWE501-60024.....	Steel Bracket, Dynalite, Mini GN Dual



### Panhard Bar Bracket

Single side serrated Panhard bar bracket attaches to the front of a quick change rear end to accept a SWE501-60012 Panhard bar or a J-Bar style Panhard bar. Machined from high quality aluminum billet, bracket is red-anodized for appearance and protection from corrosion. Seal and O-ring are included.

Part No.	Description
SWE501-60034.....	Serrated Panhard Bar Bracket
SWE501-60016.....	Replacement O-Ring
SWE501-60017.....	Replacement Seal



### Top Link Brackets

#### SWE501-60050

Brackets have a 3/4" slot for easy adjustment and 3" setback. Sold as a pair.



### Aluminum Trailing Arm Bracket

#### SWE501-60007

Clamps to a 3" diameter axle tube. Fits right or left hand and weighs just 3 lbs. Sold individually.



### Panhard Bars

Provides a "straight off center" pull for decreased load effect compared to a J-Bar. Allows easy access for rear roll center adjustment. Super strong billet aluminum bar weighs just 4 pounds. Compatible with Sweet clevis brackets. Available in heavy duty or light models. Lightweight model is not recommended for high load situations such as Winchester, Salem, Anderson or other high banked tracks.



SWE501-60012



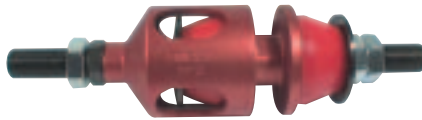
SWE501-60015

Part No.	Description
SWE501-60012.....	Heavy Duty Panhard Bar
SWE501-60015.....	Lightweight Panhard Bar

### Aluminum Torque Absorber

#### SWE501-60040

Lightweight, durable billet aluminum torque absorber may be used in the top link, right rear trailing arm or Panhard bar to increase forward bite and promote improved traction.



### 2-1/2" I.D. Coil-Over Barrel Springs

Manufactured from exclusive H5S.TW material, Swift coil-over springs are light, with consistent rate. Barrel design eliminates rate inconsistency due to bowing, and issues with the spring rubbing against the shock body. Springs have a maximum diameter of 4", measured at the center coil.

Rate	12" Tall Part No.	14" Tall Part No.
100	-	SWI140-250-100B
125	-	SWI140-250-125B
150	-	SWI140-250-150B
165	-	SWI140-250-165B
175	SWI120-250-175B	SWI140-250-175B
200	SWI120-250-200B	SWI140-250-200B
225	SWI120-250-225B	SWI140-250-225B
250	SWI120-250-250B	SWI140-250-250B
275	SWI120-250-275B	SWI140-250-275B
300	SWI120-250-300B	SWI140-250-300B
325	SWI120-250-325B	SWI140-250-325B
350	SWI120-250-350B	SWI140-250-350B
400	SWI120-250-400B	-





## Oil Filters

Two-piece ribbed aluminum filter housing contains a reusable, stainless steel mesh screen element sealed with double O-rings. Filter has a 1" diameter -12 threaded inlet and is supplied with 2 adapters; a 3/4"-16 to fit Ford or Chrysler and a 13/16"-16 for Chevrolet. A built in high flow bypass keeps maximum efficiency to 5 microns before activation. Independent tests have shown the System 1 Filter to be six times less restrictive than paper filters.



Part No.	Description
SYS209-312361	Short Oil Filter, 3-7/8" Tall x 4-1/2" Dia.
SYS209-512561	Tall Oil Filter, 5-7/8" Tall x 4-1/2" Dia.
SYS210-006	HP6 Replacement Filter, 1-1/2"-12 Threads

### Replacement/Accessory Components

SYS205-0100	Spin-On Oil Filter O-Ring Kit
SYS208-100360	Replacement Short, 3-7/8" Element
SYS208-100560	Replacement Tall, 5-7/8" Element
SYS214-0440	Bottom Plate Without Bypass
SYS216-0113	13/16" Reducer

## Billet Remote Oil Filter Mount SYS221-90004-12

Aluminum two-bolt flat mount has a 1" diameter, -12AN inlet nipple to accept System 1 oil filters. -12AN inlet/outlet fittings are included.



## Chevy Adjustable Pressure Oil Pumps

Cast oil pumps are adjustable from 75-125 PSI. Pumps are factory pre-set at 80 PSI and include unique oil bypass anti-aeration diffusion screen for maximum efficiency. Pumps accept stock big block Chevy pickups.

Part No.	Description
SYS234-900773-1	BB Chevy Oil Pump
SYS234-900775-1	SB Chevy Oil Pump



## Billet In-Line Fuel Filters

High-flow, high-capacity in-line filters use pleated stainless mesh elements of the same design as System 1 filters, only with 30 micron configuration. Ends are machined for -6AN through -12AN fittings.

Part No.	Description
SYS200-201406	2" Dia. x 4" Length, -6 Ends
SYS200-201408	2" Dia. x 4" Length, -8 Ends
SYS202-202408	2" Dia. x 9" Length, -8 Ends
SYS202-202410	2" Dia. x 9" Length, -10 Ends
SYS202-202412	2" Dia. x 9" Length, -12 Ends
SYS208-101400	Replacement Element, 2" Dia. x 4" Length Filters, 30 Micron



## Powerglide Circlematic "Clutchless" Transmissions

Designed exclusively for circle track racing, transmissions offer reduced cost, less weight and improved performance. Units are "clutchless" with just an internal control valve body, eliminating the need for a clutch pedal or external oil pressure controls. Put the transmission in gear and go. Transmissions are fitted with manual shift reverse pattern valve body, 1.82 planetary gear set and standard capacity aluminum oil pan. Choose from conventional 2-speed (1:1 ratio) or low gear-only (1.82:1) units. Transmissions are for use with a front pump drive kit or non-functioning torque converter.

Part No.	Description
TCI742010*	Powerglide "Circlematic" Transmission, 2-Speed
TCI742020	Powerglide "Circlematic" Transmission, Low Gear-Only

\* Transmission is not designed for racing in low gear.



Mike Miller

Photo By: Matt Hauch

## Powerglide Circlematic "Clutch Pedal Style" Transmission TCI742011

The original "Circlematic" direct drive transmission is modified for oval track racing and may be raced in low or high gear. Operation is similar to a standard transmission. Unit has a manual shift forward pattern valve body, 1.82 planetary gear set and standard capacity aluminum pan.

**Note:** Front pump drive kit and pedal conversion parts must be ordered separately.



## Powerglide Circle Track Shifter TCI748011

Lightweight, easy mounting with solid linkage connections. Complete with a 29" long adjustable linkage rod and spherical rod ends.



## Severe Duty GM Transmission Mount TCI952500

Heavy duty urethane transmission crossmember mount includes a safety interlock and fits many GM transmissions.







## Front Pump Drive Kits

Drive has low-rotating weight and replaces torque converter. The steel flange bolts to the crankshaft, the adapter shaft fits the flange and drives the transmission pump. Four grooves for spiral lock location accommodate a variety of mid-plates or it may be used without a mid-plate.



Part No.	Engine/Balance	Transmission	Type	Motor Plate
<b>Chevy</b>				
TCI162000*	Internal	TH-350/400	2-Pc.	Adjustable
TCI745000*	Internal	Powerglide	2-Pc.	Adjustable
TCI745004	Internal, 1986-Up	Powerglide	2-Pc.	Adjustable
<b>SB Ford</b>				
TCI745100	289-351W/Internal	Powerglide	3-Pc.	Adjustable

\*Two-piece drive kits are not compatible with late model Chevy, 1-pc. rear main seal; use TCI745004 for those applications.

## Front Pump Drive Replacement Spiral Lock TCI704700

Replaces the spiral lock included in front pump drive kits.



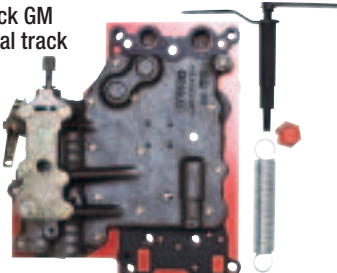
## Aluminum Lock Collar TCI745050

Two-piece Aluminum Lock Collar replaces the spiral lock on front pump drive kit. With split ring collar, the pump drive can be adjusted for proper end play after the transmission has been connected to the engine.



## Powerglide Circlematic Valve Bodies

Required when converting a stock GM Powerglide transmission into a oval track racing specific unit. Valve bodies are offered in internal or external control versions. Internal control unit, which features a full manual reverse pattern, eliminates the need for external valving; put the car in gear and go. External control unit, which includes a standard shift pattern, controls line pressure using the stock detent linkage; connect the clutch pedal to the detent lever, depress the pedal, place the transmission in gear, ease the pedal out and the car will go.



Part No.	Description
TCI744300	External Control Valve Body
TCI744500	Internal Control Valve Body

**Note:** Valve bodies are designed for use with a front pump drive or non-functioning torque converter.

## Powerglide Filler Tube Assemblies

Choose from short style with locking cap, or a pair of long style assemblies that mount in stock manner.



Part No.	Description
TCI743800	Long Style Filler Tube Assembly
TCI743804	Long Style Filler Tube Assembly, Bent To Fit 1/4" Motor Plates
TCI743850	Short Style Filler Tube Assembly

## Powerglide Overhaul And Service Kits

TCI offers two Overhaul Kits and a Service Only Kit. The Master Racing Kit includes all required clutch plates, steels, Kevlar band, transmission filter, PTFE sealing rings, seals and gaskets for performing a thorough transmission overhaul. The Racing Overhaul Kit includes PTFE sealing rings, seals and gaskets only. The Service Kit consists of a racing filter and pan gasket.



Part No.	Description
TCI749000	Master Racing Overhaul Kit
TCI628800	Racing Overhaul Kit, Includes Teflon Sealing Rings, Gaskets And Seals Only
TCI628500	Service Kit, Includes Filter And Pan Gasket Only

### Powerglide Components

TCI528300	Aluminum Transmission Pan, Standard Capacity, Cooling Fins, Drain Plug
TCI623700	Bushing Kit
TCI625101	Racing Low Gear Band Assembly
TCI704300	Oil Pressure Regulator Spring
TCI724000	High Gear Clutches (5), .098" Thick
TCI724002	Kolene-Treated High Gear Steels (6), .070" Thick
TCI724100	Reverse Gear Clutches (5), .098" Thick
TCI743402	Front Pump Assembly, For Applications Using Internal Clutch Valve Body TCI744500, TCI744300 Or TCI744600
TCI744200	Manual Valve Body, For Cars Requiring A Functioning Torque Converter
TCI744409	Push Start Kit, Gives Circlematic Push-Start Capability, Replaces OEM Servo Cover
TCI748300	Stress-Proof Steel High Gear Clutch Hub
TCI749300	Hardened Input Shaft, Recommended For Applications With 500+ HP

## Max Shift Circle Track Transmission Fluid

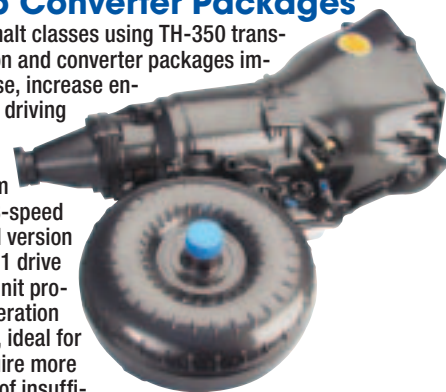
Specially formulated for dirt and asphalt automatic transmissions, Max Shift improves durability and performance. Fluid can operate at substantially greater temperatures than traditional petroleum-based or synthetic formulas, minimizing torque converter slippage for quicker straightaway acceleration. Sold in one quart bottles or cases of 12 quarts.

Part No.	Description
TCI950630	Max Shift CT Transmission Fluid, Case (12) Qts.
TCI950631	Max Shift CT Transmission Fluid, 1 Qt.



## GM TH-350 CircleMax Transmission And FastLap Converter Packages

Ideal for dirt or asphalt classes using TH-350 transmissions, transmission and converter packages improve throttle response, increase engine braking, to allow driving deeper into corners and reduce slippage and heat. Choose from packages with 2- or 3-speed shift pattern. 3-speed version offers conventional 1:1 drive ratio, while 2-speed unit provides second gear operation and 1.52:1 drive ratio, ideal for applications that require more engine RPM because of insufficient final drive gearing.



Part No.	Description
TCI312020	TH-350, 3-Speed Package
TCI312021	TH-350, 2-Speed Package



## Circle Track Torque Converters

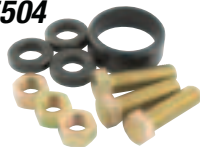
For classes requiring a functional torque converter with maximum efficiency and reduced slippage. These Converters can reduce lap times by more than a tenth of a second. Rotating weight has been reduced by several pounds. Available for Powerglide and TH-350/400 transmissions.



Part No.	Application	Dia.	Bolt Pattern	Flash Stall Speed	Weight
<b>Powerglide</b>					
TCI741020	Cars -3,000 lbs. With 350+ Cu. In.	10"	Small	2300-2600	26 lbs.
TCI741025	Cars +2,400 lbs. With 350+ Cu. In.	10"	Small	1800-2000	24 lbs.
TCI741125	Cars +3,000 lbs. With 350+ Cu. In.	11"	Small	1800-2100	29 lbs.
<b>TH-350/400</b>					
TCI240920	Heavier Cars With 327-400 cu. in.	11"	Dual	2000-2300	29 lbs.
TCI241021	Cars +3,000 lbs. With 350+ cu. in.	10"	Dual	2300-2600	26 lbs.
TCI242125	Cars +3,000 lbs. With 350+ Cu. In.	10"	Small	1800-2000	24 lbs.

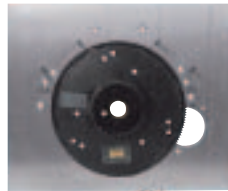
## Mid-Plate Spacer Kit TCI745504

Spacers maintain proper torque converter-to-flexplate clearance on GM automatic transmissions when a 1/4" mid-plate is used.



## Powerglide/Small Block Ford Adapter Kit TCI529600

Mid-plate is 18" tall x 24" wide x 1/4" thick and adapts small block Ford with 1.375" crank pilot to Powerglide transmission. Installation hardware is included.



## GM Extra Long Dowel Pins TCI930055

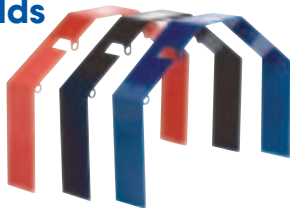
Extra long, 2" Dowel Pins are black oxide coated and are perfect for use with a mid-mount motor plate.



## Flexplate Safety Shields

High-strength steel, SFI-approved, Chevy Flexplate Shields protect drivers and spectators from a flexplate or starter ring gear failure.

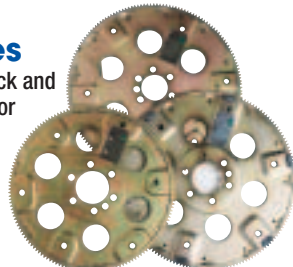
Part No.	Description
TCI940000	Gold Dichromate Shield
TCI940002	Black Powder Coated Shield
TCI940003	Red Powder Coated Shield
TCI940004	Blue Powder Coated Shield



## Heavy Duty Flexplates

Flexplates are .035" thicker than stock and the ring gear is welded on both sides for strength. All flexplates listed meet SFI 29.1 specifications.

Part No.	Description
TCI399273	SB Chevy, 168-Tooth, Internally Balanced
TCI399373	SB Chevy 400, 168-Tooth, Externally Balanced
TCI399573	SB Chevy, 153-Tooth, Internally Balanced
TCI529632	Ford 289-351W, 351C, 351M-400, Internal Balance, When Using GM Transmission



## SB Chevy Lightweight Racing Starters

Starters offer optimum cranking torque and extra clearance for headers, oil pan, and ground. The Featherlight starter has a permanent magnet motor and the mounting plate is machined with 12 clock positions for quick rotation and best fit. Starters fit 153- or 168-tooth flywheels.



Part No.	Description
TCI351100	LW Racing Starter (10.1 lbs.)
TCI351106	Featherlight LW Starter (7.5 lbs.)

## Aluminum Trans-Shields

Shield offers protection in a drum explosion. Certified to SFI 4.1 specs and accepted by all major sanctioning bodies. Manufactured from 6061-T6 aluminum alloy, it includes mounting hardware for quick and easy installation.



Application	Red Anodized	Blue Anodized	Hardware Kit
Powerglide	TCI970000	TCI970005	TCI970100
TH-350	TCI975000	TCI975005	TCI975100

## Universal Transmission Cooler

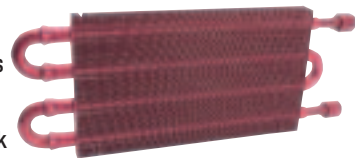
### TCI820500

Budget priced, compact aluminum cooler keeps racing transmissions within a safe operating temperature range. Universal cooler is 3/4" wide x 7-1/2" high x 15-1/2" long and includes installation kit with rubber line and hose clamps.



## Performance Transmission Coolers

Red powder coated aluminum coolers are specifically for racing and use -6AN female fittings rather than hose clamps for connections. All performance coolers include TCI821500 Quick Mount Kit.



Part No.	Description
TCI823200	3/4" x 5" x 12" Performance Cooler
TCI823500	3/4" x 7-1/2" x 15-1/2" Performance Cooler
TCI823800	3/4" x 10" x 15-1/2" Performance Cooler

## Electric Brake Shut-Off

### TCI861200

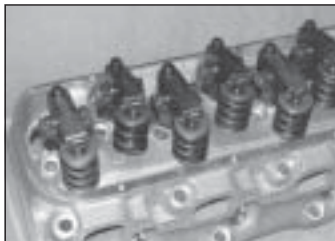
Designed for dirt track racing, electric brake shut-off allows driver to block fluid flow to the right front brake caliper, improving corner entry. Compact, billet aluminum unit is compatible with all hydraulic brake systems and installs easily, mounting directly into the brake line between the master cylinder and caliper. Solenoid handles up to 3,000 PSI and uses a waterproof seal.





## Shaft Roller Rocker Arm Systems

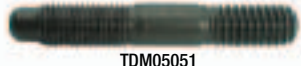
T&D's extruded 2024 aluminum Rocker Arms are CNC-machined and have intricate oil galleries built in to direct oil from the pushrod to the shaft bearings and onto the roller tip. Adjuster screws are 7/16" and broached for a 3/16" socket to eliminate twisted Allen wrenches. Deep, case hardened 8620 steel shafts are tempered for strength. Available by special order only. Specify engine, cylinder head type, rocker arm ratio and offsets (if applicable) when ordering.



TDM03150



TDM03210



TDM05051



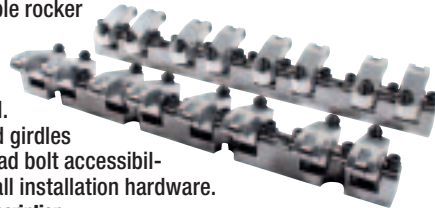
TDM05350

### Replacement Parts

Part No.	Description
TDM03150	.....Rocker Arm Adjuster, 7/16"-20 x 1.130" With Shoulder, 5/16" Dia. Cup
TDM03210	.....Rocker Arm Jam Nut, 12 Pt., 7/16"-20 Thread
TDM05051	.....Hold Down Stud, 5/16"-18/24 x 1.890" With Starter
TDM05120	.....Hold Down Nut, 12 Pt., 5/16"
TDM05350	.....SB Chevy Stand Shim, .060", Thick
TDM05360	.....SB Chevy Stand Shim, .030", Thick
TDM05400	.....SB Chevy Stand Shim Kit, (8) .030" and (8) .060", Thicknesses

## SportComp Shaft Roller Rockers

High quality, affordable rocker sets reduce valve train weight and valve lash adjustments while increasing RPM potential. System eliminates stud girdles and provides better head bolt accessibility. Sets of 16 include all installation hardware.



Part No.	Description
TDM10000-150/150	..... SB Chevy, 1.5/1.5 Rocker Ratio
TDM10000-160/150	..... SB Chevy, 1.6/1.5 Rocker Ratio
TDM10000-160/160	..... SB Chevy, 1.6/1.6 Rocker Ratio
TDM10001-150/150	..... SB Chevy, .220" Offset, 1.5/1.5 Rocker Ratio
TDM10001-160/150	..... SB Chevy, .220" Offset, 1.6/1.5 Rocker Ratio
TDM10001-160/160	..... SB Chevy, .220" Offset, 1.6/1.6 Rocker Ratio
TDM10020-160/160	..... SB Ford, 1.6/1.6 Rocker Ratio

## Deluxe Pinion Depth Checker TDM11001

Set up rear ends quickly and correctly. Fixture sits in place of differential carrier to easily check pinion depth. Includes adapters for most popular domestic rear ends.



## Mesh Window Nets

Teamtech Window Nets are made of polyester tire cord, woven in a honey comb mesh for high visibility, super protection and great UV resistance. Meets SFI 27-1 specs and measures 18" x 24".

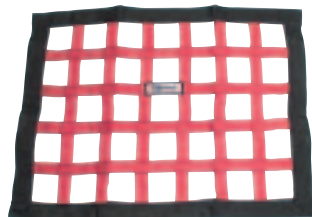


Part No.	Description
TEA3001	.....Red
TEA3002	.....Black
TEA3003	.....Blue
TEA3007	.....Yellow

## Ribbon Window Nets

Ribbon-style window nets are made of 1" wide heavy duty polypropylene webbing. Nets measure 18" x 24" and meet SFI 27.1 specs.

Part No.	Description
TEA7001	.....Black
TEA7002	.....Red
TEA7003	.....Blue
TEA7004	.....Yellow
TEA7006	.....Silver
TEA7007	.....Purple
TEA7008	.....Orange
TEA7009	.....Green



## Ram Pac™ Driver Harness

Rotary buckle 5-point bolt-in harness combines a sternum strap with chest and pelvic pads for decreased lateral and forward movement. The full body padding system allows maximum tightness without discomfort. System is designed to rapidly dissipate dangerous high impact energy normally concentrated at the neck, collar bone and pelvic regions. Improves driver concentration and greatly reduces fatigue. Includes release tabs and pull loops for easy release and positive adjustments of harness straps.



Part No.	Description
TEA6001BK	.....Harness With Black Belts, Black Harness And Red Trim
TEA6001BL	.....Harness With Blue Belts, Blue Harness And Black Trim
TEA6001RD	.....Harness With Red Belts, Red Harness And Black Trim

**Custom colors are also available on a special order basis.**



Terry English

Photo By: Jim DenHamer

## Aluminum Carburetor Spacers

Cast aluminum spacers fit between square flange carburetors and intakes to improve performance and solve linkage clearance problems. Include gaskets and fasteners.



Part No.	Application	Thickness	Type
TRA2063	Holley 4BBL	3/8"	Open Center
TRA2280	Holley 4BBL	3/8"	Four Hole
TRA2084	Holley 4BBL	1"	Open Center
TRA2103	Holley 4BBL	1"	Open Center With PCV Fitting
TRA2135	Holley 2BBL	1"	Open Center
TRA2137	Holley 2BBL	1"	Two Hole
TRA2187	Holley 4BBL	1"	Four Hole (1-11/16") With PVC
TRA2081	Holley 4BBL	2"	Open Center
TRA2048	Holley 4BBL	2"	Four Hole (1-11/16")
TRA2109	Roch. Q-Jet 4BBL	1"	Open Center

## Torque-Flow Carburetor Spacers



Carburetor spacers increase plenum volume for improved throttle response, torque and horsepower. CNC-machined from aluminum billet, red anodized spacers are available in four-hole and open plenum versions. Gaskets and hardware are included.



Part No.	Application	Thickness	Type
TRA3201	Holley/AFB 4BBL	1"	Open Center
TRA3211	Holley/AFB 4BBL	1"	Four Hole
TRA3212	Holley/AFB 4BBL	2"	Four Hole

## Carburetor Adapters

Reversible aluminum adapters allow a number of carburetor/intake manifold combinations and include gaskets and hardware.



Part No.	Application	Thickness	Type
TRA2034	Holley 4BBL To Rochester Q-Jet 4BBL Base	7/8"	Four Hole
TRA2066	Holley 4BBL To Rochester Q-Jet 4BBL Base	3/4"	Open Center
TRA2087	Holley 2BBL To Rochester Q-Jet	1-1/8"	Open Center

## Billet Aluminum Carburetor Adapters

Adapters accommodate several carburetor/intake manifold combinations and include gaskets and hardware. Constructed from durable aluminum billet.

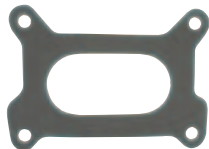


Part No.	Application	Thickness	Type
TRA3223	Holley 2BBL To Holley 4BBL	1"	Two Hole
TRA3224	Holley/AFB 4BBL To Rochester Q-Jet 4BBL	1"	Four Hole

## Carburetor Base Gaskets

Made of 1/16" thick cellulose-nitrile.

Part No.	Description
TRA2067	Holley 350-500 2BBL, Open Center
TRA2069	Holley 4BBL, Open Center



## Carburetor Stud Kits

Includes four each: studs, nuts and washers.

Part No.	Description
TRA2046	Carb Stud Kit, 1-3/8" Long x 5/16" Coarse/Fine Thread
TRA2047	Carb Stud Kit, 2" Long x 5/16" Coarse/Fine Thread
TRA2106	Carb Stud Kit, 3" Long x 5/16" Coarse/Fine Thread



## Holley Carburetor Mount Throttle Return Kit TRA2083

Spring kit with chrome bracket mounts to all Holley 2300/2305 and 4150/4160 series carburetors. Includes heavy and light springs.



## SB Chevy "Econo Series" Wet Sump Circle Track Oil Pan TRA3047

Engineered to keep oil at the pickup for uninterrupted flow under the most severe conditions. Fits 1955-79 small block Chevy (left hand dipstick), has a 7" deep sump, directional windage tray screen, full length crank scraper and trap door baffling. Pump pickup, which is compatible with Melling 10550 and M55 oil pumps is included.



## Remote Oil Filter Brackets

Cast aluminum remote oil filter brackets have 1/2" NPT inlets and outlets.

Part No.	Description
TRA1028	Single Remote Bracket, Vertical Inlet And Outlet, 3/4"-16 Nipple Accepts Fram PH8A Ford Filters
TRA1045	Single Remote Bracket, Horizontal Inlet And Outlet, 3/4"-16 Nipple Accepts Fram PH8A Ford Filters



## Oil Filter Relocation Kits

CNC-machined from billet 6061-T6 aluminum, single and dual remote filter units provide cleaner oil, add capacity, and increase flow with large, -12AN ports. Use with Fram PH8A or equivalent oil filter.

Part No.	Description
TRA3300	Single Oil Filter Base
TRA3310	Dual Oil Filter Base



## Spin-On Oil Filter Bypass Adapters

Adapters spin on in place of the stock oil filter. Inlets and outlets are threaded 1/2" NPT. Use bypass adapters for plumbing remote filters.

Part No.	Description
TRA1013	Ford V-8, Chrysler V-8 3/4"-16 Threads, 2-1/2" I.D. And 2-3/4" O.D. O-Ring
TRA1022	SB And BB Chevy 13/16"-16 Threads, 3-3/16" I.D. And 3-7/16" O.D. O-Ring



## Billet Oil Filter Bypass Adapters

Aluminum spin-on adapters have large, -12AN ports for superior oil flow. Hose and fittings not included.

Part No.	Description
TRA3320	Ford V-8, 3/4"-16 And 2-1/2" I.D./2-3/4" O.D. O-Ring
TRA3321	Chevy V-8, 13/16"-16 And 3-3/16" I.D./3-7/16" O.D. O-Ring



### Standard Tire Gauge **TAN20060**

Standard 2" dia., 0-60 PSI gauge includes swivel ended, flexible hose, air release button and shock-proof bumper.



### Glow-In-The-Dark Tire Gauges

Great for use in dark pit areas, 2-1/2" diameter gauges include swivel ended, flexible hoses, air release buttons and shockproof bumpers.

**Part No. Description**  
 TAN20315 .....0-15 PSI Tire Gauge  
 TAN20330 .....0-30 PSI Tire Gauge  
 TAN20360 .....0-60 PSI Tire Gauge



### Liquid-Filled Tire Gauges

Liquid-filled, 2-1/2" gauges are highly accurate, even when used to check tires on a car while the engine is running. Features include swivel ended, flexible hoses, air release buttons, and shock-proof bumpers.

**Part No. Description**  
 TAN20215 .....0-15 PSI Tire Gauge  
 TAN20230 .....0-30 PSI Tire Gauge  
 TAN20260 .....0-60 PSI Tire Gauge



### Staggerite Precision Tire Caliper **TAN22120**

Easily and correctly measures stagger. Roller contact prevents unwanted bind on hot, sticky tires. Frictionless slider makes Staggerite the easiest, most accurate tool available. Reads in 1/10" increments.



### Toe Plate Kit **TAN56200**

One person can quickly and accurately set toe-in with this kit. Includes two aluminum toe plates and two tape measures.



Eric Frazier

### Caster Camber Gauges

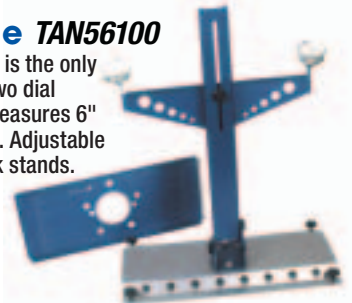
Gauges are CNC-machined with separate positive and negative camber vials for highly accurate readings. Step configuration keeps all vials on spindle centerline for ease of use.

**Part No. Description**  
 TAN57420 .....Gauge With Magnetic Adapter  
 TAN57440 .....Gauge With Wide 5 Adapter



### Bump Steer Gauge **TAN56100**

The Tanner Bump Steer Gauge is the only one that will work with one or two dial indicators (two are included). Measures 6" of travel and fits all hub designs. Adjustable to work at ride height, or on jack stands.



### Frame Height Tools

Billet aluminum checker reads frame height without a tape measure.

**Part No. Description**  
 TAN56020 .....3-1/2" - 4-3/4"  
 TAN56030 .....4-7/8" - 7-1/2"



### Plumb Bob Kit **TAN56300**

The inexpensive, effective method of squaring a race car. Kit includes two bobs and 16' of string.



### Shifter Boot Kit **TAN40810**

Boot is removable for cleaning, or when changing transmissions. Frame and fasteners for easy installation are included.



Roger Avants

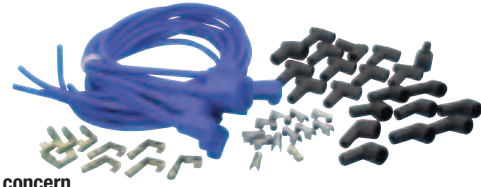
Photo By: Joe Starr



## 8mm Pro Universal Wire Sets

### Features Include:

- 8mm wire has 100% pure silicone insulation, fiberglass reinforced jacket
- Double spring locking spark plug terminals firmly grip plugs
- Resistor core has 40% less resistance (more fire power) than most resistor conductors
- TCW (Tinned Copper Weld) wire core is for racing applications where RFI interference is not a concern



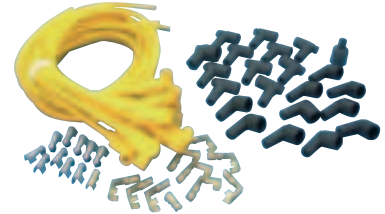
Description	Cyl.	TCW Wire Conductor			Resistor Core		
		Black	Red	Blue	Black	Red	Blue
90° Plug Boots	8	TAY70050	TAY70250	TAY70650	TAY70051	TAY70251	TAY70651
135° Plug Boots	8	TAY70052	TAY70252	TAY70652	TAY70053	TAY70253	TAY70653
180° Plug Boots	8	TAY70054	TAY70254	TAY70654	TAY70055	TAY70255	TAY70655
Vertex Style 90° Plug Boots*	8	-	-	TAY70660	-	-	-

**Note:** TCW wire sets are NOT designed for use with HEI or MSD ignition systems. \*Vertex style sets have extra long leads for use with OAC/OXC magnetos.

## 8mm Spiro-Pro Universal Wire Sets

### Features Include:

- Up to 10 times less resistance than standard resistor core wire
- A must for electronic ignitions, on-board computers and pit radios
- 100% silicone inner and outer jackets provide heat protection up to 600°F
- Taylor Pro boots feature low profile silicone boots with grips
- Double spring locking spark plug terminals



Description	Cyl.	Grey	Black	Purple	Red	Yellow	Blue	Hot Orange	Hot Lime
90° Boots	8	TAY53851	TAY73051	TAY73151	TAY73251	TAY73451	TAY73651	TAY78351	TAY78551
135° Boots	8	TAY53853	TAY73053	TAY73153	TAY73253	TAY73453	TAY73653	TAY78353	TAY78553
180° Boots	8	TAY53855	TAY73055	TAY73155	TAY73255	TAY73455	TAY73655	TAY78355	TAY78555

## 8mm Spiro-Pro Custom Race-Fit Wire Sets

### Features Include:

- Up to 10 times less resistance than standard resistor core wire
- A must for electronic ignitions, on board computers and pit radios
- 100% silicone inner and outer jackets provide heat protection up to 600°F
- Taylor Pro boots feature low profile silicone boots with grips
- Double spring locking spark plug terminals
- TCW (Tinned Copper Weld) wire core is for racing applications where RFI interference is not a concern



Application	Distributor Type	Plug Boot	TCW Wire Core		Spiro-Pro Wire		
			Red	Black	Red	Blue	
SB Chevy, Over Valve Cover	Socket	90°	-	TAY76027	TAY76227	TAY76627	
SB Chevy, Over Valve Cover	HEI	90°	TAY76238	TAY76028	TAY76228	TAY76628	
SB Chevy, Under Headers	Socket	90°	-	TAY76029	TAY76229	TAY76629	
SB Chevy, Under Headers	HEI	90°	TAY76240	TAY76030	TAY76230	TAY76630	

**Note:** TCW wire sets are NOT designed for use with HEI or MSD ignition systems.

## Thundervolt 8.2mm Universal Wire Sets

### Features Include:

- Wire measures just 50 ohms per foot of resistance
- Ferrite, spiral-wound copper/nickel alloy core
- Three-layer Zimplex silicone outer jacket
- Tightly woven heat treated fiberglass braid

Description	Cyl.	Black	Red	Blue
90° Plug Boots	8	TAY83051	TAY83251	TAY83651
135° Plug Boots	8	TAY83053	TAY83253	TAY83653
180° Plug Boots	8	TAY83055	TAY83255	TAY83655

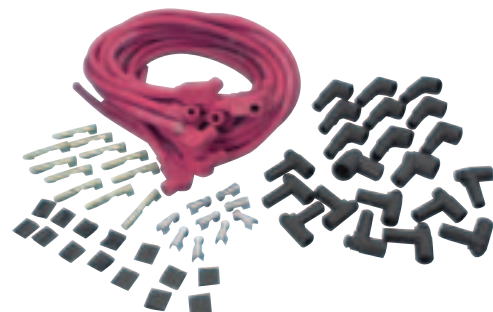


## "409" Pro Race Universal Wire

### Features Include:

- 3 layers of silicone
- .409" (10.4mm) diameter
- 600°F of heat protection
- No extra sleeving required
- Sleeving is extruded directly over 8mm wire
- Available in Spiro-Wound Conductor for compatibility with multiple-spark ignitions, etc.

Description	Cyl.	Spiro-Wound Conductor		
		Red	Blue	Black
90° Plug Boots	8	TAY79251	TAY79651	TAY79051
135° Plug Boots	8	TAY79253	TAY79653	TAY79053
180° Plug Boots	8	TAY79255	TAY79655	TAY79055





## Clip-On Wire Separators

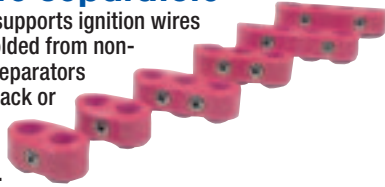
Tough nylon separators withstand temperatures up to 400°F and are available for 7-8mm and 10.4mm spark plug wires. Choice of four colors. Each kit contains two 4-wire separators, two 3-wire separators and two 2-wire separators.



Plug Wire Size	Black	Red	Yellow	Blue
7- 8mm	TAY42800	TAY42820	TAY42840	TAY42860
10.4mm	TAY42809	TAY42829	-	TAY42869

## Clamp Style Wire Separators

Separates, organizes and supports ignition wires for a neat, organized job. Molded from non-conductive type 6/6 nylon, separators will not melt, mar, distort, crack or fade. Available to fit 7-8mm and "409" 10.4mm wire sizes. Choice of three colors. Each kit contains two 4-wire separators, two 3-wire separators and two 2-wire separators.



Plug Wire Size	Black	Red	Blue
7-8mm	TAY42700	TAY42720	TAY42760
10.4mm	TAY42709	TAY42729	TAY42769

## "T" Clip "409" Wire Separators TAY42609

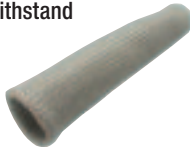
Each clip separates two "409" Pro Race Wires in tight-fit areas for neat, tangle-free routing. Four clips per package. Easy installation.



## Spark Plug Boot Protectors

Universal fit protectors are 6 inches long and withstand temperatures up to 1200°F.

Description	1 Per Pkg. Part No.	8 Per Pkg. Part No.
Silver	TAY2523	TAY2524
Red	-	TAY2562
Yellow	-	TAY2564



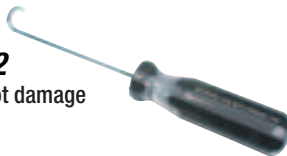
## Red Heat Sleeving TAY2525

Sleeving fits over 7mm and 8mm plug wires for heat and abrasion protection. Withstands up to 500°F and is packaged in a 25 ft. roll.



## Spark Plug Wire Removal Tool TAY43392

Tool has insulated handle and will not damage spark plug wires.



## Multi-Purpose Tool TAY43390

Multi-Purpose tool will cut, strip and crimp all popular primary wire. Made of high-carbon steel, it will crimp both 7mm and 8mm spark plug wire ends. The plastic hand grips are non-conductive/non-slip and the tool is finished in rust-resistant black.



## Professional Crimp Tool

Tool uses a positive ratcheting system to produce factory quality crimps on spark plug wire terminals. Crimp dies may be purchased separately and used to cut and crimp traditional wire terminals, removing just the right amount of wire insulation without damaging the wire conductor.



Part No.	Description
TAY43400	Professional Crimp Tool
TAY43401	Crimp Die, Cuts 10-22 Gauge Insulated Terminals
TAY43402	Crimp Die, Cuts 10-22 Gauge Non-Insulated Wire

## Toggle Switch TAY1018

Heavy duty die cast switch is rated at 50 amps. Fits 1/2" hole.



## "Waterproof" Sealed Toggle Switch TAY1026

Ideal for dirt circle track, switch has internal O-rings and a plasticized body to protect against dirt and moisture.



## Push Button Starter Switch TAY1016

Switch has a 60 amp rating with silver plated contacts and a neoprene cap to seal out dirt and moisture.



## Trunk Mount Battery Kit TAY48000

A trunk mounted battery improves weight distribution and reduces under hood clutter. Kit includes pre-terminated ends, 16' of solid copper 2-gauge cable, ground cable, battery tray, 3/8" J-bolt hold downs and hardware.



## Master Disconnect Switch TAY1032

Two-post switch is rated at 180 amp continuous capacity and provides a direct power shut-off for entire electrical system.



John Chapman



Brandon Lyons

Photos By: John Berglund

# TEL TAC

## Digital Readout Telltale Tachs

The TEL TAC II has LCD digital readout and "telltale" memory. Compatible with most engines and ignitions, including magnetos and battery powered systems, the tach turns on automatically when the engine is started. Reads RPM in hundreds, from 500 RPM to over 12,000 RPM on V-8 engines, and to 15,000 RPM on smaller engines. After engine is shut off, the highest RPM attained is shown for 30 minutes. Oval Track Pro digital tachometer displays the highest overall RPM, the four lowest RPM and the four highest RPM from two laps. Compact, 3-1/8" x 3-1/8" units are powered by a 9 volt alkaline battery which will last for hundreds of hours. Will not work with odd-fire V-6, V-4 with Vertex internal coil magneto, or 4-cylinder with EFI.



TELOTP

Part No.	Description
TELTACH.....	TEL TAC II Digital Tachometer
TELOTP.....	Oval Track Pro Digital Tachometer
TEL1001.....	Harness-Needed For Multi-Car Use Or As Replacement



## Closed Tube Rear Ends

Tiger low drag technology reduces power loss without compromising durability. The 4.86 ring and pinion sets have undergone Electrical Discharge Machining (EDM) and REM finishing to reduce friction and wear. Quick Changes have mag centers, aluminum six-rib bells, heat treated lower shafts, roller pinion bearings and heavy duty aluminum rear covers with bearings.

Part No.	Description
TIGM2010S.....	Low Drag Quick Change With Aluminum Spool, Less Tubes
TIGM2010LWL.....	Low Drag Quick Change With Lightweight Locker, Less Tubes
TIGM2010-60C.....	Low Drag Quick Change With Aluminum Spool, SCP 5x5 Tubes, 60" Centered

**Note:** Custom order quick change rear ends are available. Please contact salesperson for more information.



TIGM2010-60C



## Performance Axle Kits

Performance axle kits are strong, durable and affordable. Ideal for street/strip or mild drag racing, axles are backed by a 10-year replacement warranty. Wheel bearings, seals and OE-size wheel studs are included.

Part No.	Application	Side	Length	Spline	Bolt Circle	Stud Size
<b>Ford 8.8"</b>						
TENMG22180	1979-93 Mustang, 5-Lug Upgrade	LH/RH	29.00"	28	5 x 4.5"	1/2" Press
TENMG22182	1979-93 Mustang	LH/RH	29.00"	28	4 x 4.5"	1/2" Press
TENMG22184	1994-98 Mustang	LH/RH	29.93"	28	5 x 4.5"	1/2" Press
<b>GM 8.2"/8.5" 10-Bolt</b>						
TENMG22102	1973-77 Malibu/Cutlass/Regal/Lemans	LH/RH	30.43"	28	5 x 4.75"	7/16" Press



NEW VENDOR

## TIG/Mig Welding Gloves

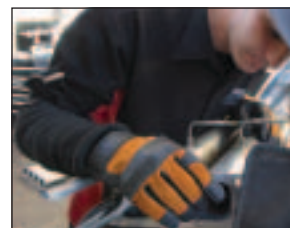
Welding gloves are made from top grain cowhide leather and fine goat suede that is incorporated with Kevlar thread construction for exceptional heat and abrasion resistance. Added, heat resistant leather patches on palm, thumb and index fingers, and a reinforced latch cuff offer added protection.

Part No.	Size
TORTW1001-S.....	Small
TORTW1001-M.....	Medium
TORTW1001-L.....	Large
TORTW1001-XL.....	X-Large
TORTW1001-2XL.....	XX-Large



## X-Sleeves TORTW1003

X-Sleeves offer unsurpassed wrist to forearm protection when performing TIG or light MIG welding, or when working around hot exhaust. Made from a CarbonX knit blend, sleeves are 16" long and include two clips per sleeve that may be attached to a T-shirt. Sold per pair.



## TIG-Only X-Coat

The original TIG welding X-Coat, made from 11 oz. CarbonX material for superior heat protection. Special, ergonomically designed sleeves offer exceptional comfort and mobility.

Part No.	Size
TORTW1005-O-S.....	Small
TORTW1005-O-M.....	Medium
TORTW1005-O-L.....	Large
TORTW1005-O-XL.....	X-Large
TORTW1005-O-2XL.....	XX-Large
TORTW1005-O-3XL.....	XXX-Large



## X-Apron TORTW1002

One size fits all welder's apron is manufactured from 11 oz. CarbonX material for maximum heat protection. Apron includes a single front pocket and an adjustable strap for a custom fit.

## X-Pad TORTW1006

Made from revolutionary CarbonX material, the X-Pad eases the handling of hot parts during the welding process. Pad is 8-1/2" x 8-1/2" in size and is suited to ARC, TIG, MIG, Plasma and torch welding applications.

