

### DMI Torque Ball Housing Stud Kit

Suitable for most housings, supplied with 4 x steel studs, and 4 x alloy high nuts.  
**Stud Kit** DMI-SRC2307  
**Replacement High Nut** DMI-SRC2311B



### WINTERS Style Swivel Drive Shaft

Replacement Gun Drilled Drive Shaft with install kit:  
 28-1/4" X 32 Spline Suit 41" Chassis **RS-WINT39420332B**



### Winters Swivel Installation Kit

The install kit includes the seal and snap ring used to secure your swivel spline drive shaft.  
**RS-WIN4282**



### Swivel Driveshaft Winters Style (32 Spline, 29")

DMI Steel Tubular 32 Spline Drive shafts are made from 4340 chrome moly steel for maximum durability. Very true and strong.  
**DMI-SRC2442-2932**

### Winters Lower Shaft Seal

This seal is used for a swivel spline rear.  
**RS-WIN7280**



### WINTERS Swivel Insert Only

**RS-WINT2976**



### DMI Swivel Ball

**DMI-SRC2444**

## REAR ENDS & COMPONENTS

### Winters Rear Axles

This billet tubular rear axle is CNC machined and available in long spline or standard, lightweight and ultra lightweight.  
 1.875" Wide **RS-WINT5778LT122**  
 2.062" Wide (Ultra Light Weight) **RS-WINT5778UT122**

Replacement Parts:

1.875" I.D. Axle **RS-WINT5778L**  
 2.062" I.D. Axle **RS-WINT5778UL**  
 Heavy Duty Rear Cover Gasket **RS-WINT6729HD**



### BULLDOG Ball Spline Coupler Kit

Designed to eliminate all bind while making maintenance as simple and easy as possible. Suitable for XR-1 rear's and also standard Winters rear.

**Swivel Coupler Kit**  
 - Suit XR-1 & Std Winters **DMI-RRC2004**



### BULLDOG Rear Axle Shim Kit

Including 2 x 0.075" and 3 x 0.010", 0.012", 0.015" and 0.020" shims.  
**DMI-RRC1229**



### BULLDOG Ring & Pinion Sets

Suitable for XR-1 and XR-2 Rear Ends.

4.12 Loaded R&P **DMI-RRC1300**  
 4.86 Loaded R&P **DMI-RRC1305**

Polished & lightened available by special order.



### BULLDOG Swivel Coupler Replacement Parts

Swivel Coupler Assembly	<b>DMI-RRC1460</b>
Female Swivel Housing	<b>DMI-RRC1461</b>
Male Ball Swivel	<b>DMI-RRC1462</b>
Swivel Coupler Seal	<b>DMI-RRC1463</b>
Outer O-Ring for Swivel Seal	<b>DMI-RRC1464</b>
Inner O-Ring for Swivel Seal	<b>DMI-RRC1467</b>
Spiralok for Male Ball	<b>DMI-RRC1469</b>
Lower Shaft Seal for Swivel Assembly	<b>DMI-RRC1471</b>
Snap Ring for Female Housing	<b>DMI-RRC1472</b>

### DMI XR-1 Inspection Plugs

Large Inspection Plug **DMI-RRC1015**  
 Small Inspection Plug **DMI-RRC1020**



**DMI-RRC1140**

**DMI-RRC1034**

**DMI-RRC1355**

**DMI-RRC1400**

### BULLDOG XR-1 Replacement Parts

Magnesium Center Section	<b>DMI-RRC1005</b>
Magnesium Center Section - Thermal Coated	<b>DMI-RRC1005-01</b>
Shifter Cable Mounting Kit	<b>DMI-RRC1049</b>
Side Bell	<b>DMI-RRC1100</b>
Side Bell - Thermal Coated	<b>DMI-RRC1100-01</b>
Axle with Spool 2.055" I.D	<b>DMI-RRC1200</b>
Axle with Spool 1.875" I.D	<b>DMI-RRC1205</b>
Rear Cover - With Bearings	<b>DMI-RRC1365</b>
Rear Cover - Thermal coated	<b>DMI-RRC1365-01</b>
Internal 10-10 Coupler	<b>DMI-RRC1400</b>
Internal 10-10 Lower Shaft	<b>DMI-RRC1430</b>
Lower Stub Shaft	<b>DMI-RRC1615</b>
Rear End Shifter Assembly	<b>DMI-RRC2003</b>

### BULLDOG Internal 10-10 Conversion Kit

Suitable for XR-1 and std Winters Rears. This updates your external 10-10 style coupler to an internal 10-10. Complete with lower shaft, snout bearing, seal and spacer.  
**DMI-RRC2002**

### XR-2 & XR-1 Rear End Options

1-A	Black Thermal Coating
2-A	EDM Light Weight Ring Gear
2-B	REM Polished Ring Gear
3-A	Titanium Lower Shaft for Internal 10-10
6-A	Aluminium 10-10
8-A	Titanium Bolt Kit
9-A	Swivel Spline Coupler - Steel Lower Shaft
A-A	Swivel Spline Coupler - Titanium Lower Shaft
B-A	Angular Contact Ball Bearings in Side Bell
D-A	Winters Style Swivel Coupler - Steel Lower Shaft
E-A	Winters Style Swivel Coupler - Titanium Lower Shaft
H-A	ARP Ring Gear Bolts



## DRIVE SHAFTS



### DMI Gun Drilled Drive Shafts

Manufactured with 4340 steel or 6AL-4V titanium. All shafts are 16-10 Spline and gun drilled hollow, and true & strong. Various lengths available for any chassis / rear end combination.

39", 40" & 41" with XR-1 or std Winters w/ internal 10-10.  
**Steel 30" Tubular Driveshaft - 4.77lbs** **DMI-SRC2430**  
**Titanium 30" Tubular Driveshaft - 2.66lbs** **DMI-SRC2480**

39", 40" & 41" Using XR-2 w/ Internal 10-10  
**Steel 32" Driveshaft** **DMI-SRC2440**  
**Titanium 32" Driveshaft** **DMI-SRC2470**

39", 40" & 41" Using XR-1 or std Winters w/ DMI Swivel Coupler  
**Steel 26.5" Tubular Driveshaft - Swivel** **DMI-SRC2481**  
**Titanium 26.5" Tubular Driveshaft - Swivel** **DMI-SRC2485**

39", 40" & 41" Using XR-2 w/ Swivel Coupler  
**Steel 31" Tubular Driveshaft - Swivel** **DMI-SRC2482**  
**Titanium 31" Tubular Driveshaft - Swivel** **DMI-SRC2486**

32-10 Spline Steel **DMI-SRC2430-32**  
 32-32 Spline Steel **DMI-SRC2431-32**



### WINTERS Swivel Driveshaft 16 Spline-Ball

**RS-WINT3942-03**





# XR-2



## BULLDOG XR-1 & XR-2 Rear Ends

For more information and availability please call.

### BULLDOG XR-1 & XR-2 Replacement Parts

Suitable for XR-1 and XR-2 Rear Ends.

Breather Assembly	DMI-RRC1034
3/8" NPT Magnetic Drain Plug	DMI-RRC1031
Side Bell O-Ring	DMI-RRC1105
Ring Gear Back Stop	DMI-RRC1135
1/2-13 Adjusting Screw Ring Gear Back Stop	DMI-RRC1140
1/2" SAE Steel Back Stop Washer	DMI-RRC1145
Back Stop Aluminium Nut	DMI-RRC1150
Axle Bearing - Standard	DMI-RRC1210
Axle Bearing - Angular Contact	DMI-RRC1211
Axle Seal	DMI-RRC1217
Axle O-Ring	DMI-RRC1220
Axle Seal Spiral Lock	DMI-RRC1225
R&P Bearing & Posi Lock Kit	DMI-RRC1306
Small Pinion Bearing	DMI-RRC1310
Big Pinion Bearing	DMI-RRC1313
Pinion Bearing Spacer	DMI-RRC1315
Pinion Bearing Flange	DMI-RRC1320
Stub Shaft Bearing Retainer	DMI-RRC1325
Rear Cover Bearing	DMI-RRC1350
3/8-16 x 2" Stud - Q/C Cover	DMI-RRC1355
3/8-16 Aluminium High Nut - Black	DMI-RRC1361
3/8-16 Aluminium High Nut - Blue	DMI-RRC1361B
Internal 10-10 Coupler	DMI-RRC1400
Internal 10-10 Coupler - Aluminium	DMI-RRC1401
Snout Bearing	DMI-RRC1410
Internal 10-10 Seal	DMI-RRC1415
Internal 10-10 Bearing Spacer	DMI-RRC1420
External 10-10 Snap Ring	DMI-RRC1425

### BULLDOG XR-2 Replacement Parts

XR-2 Rear Centre Section - Thermal Coated	DMI-RRC1006-01
XR-2 Aluminium Snout Spacer	DMI-RRC1008
XR-2 Snout Spacer O-Ring	DMI-RRC1009
XR-2 Fill Level Plug	DMI-RRC1016
XR-2 Shifter Cable Mount	DMI-RRC1056
XR-2 Housing Side bell - Thermal Coated	DMI-RRC1101-01
XR-2 Light Weight Axle 1.875" I.D - Black	DMI-RRC1208
XR-2 Ultra Light Axle 2.055" I.D - Black	DMI-RRC1202
XR-2 Silicone Rear Cover Seal	DMI-RRC1345
XR-2 Billet Aluminium Rear Cover	DMI-RRC1386
XR-2 Billet Aluminium Rear Cover - Black	DMI-RRC1386B
XR-2 Snout Bearing Locking Ring	DMI-RRC1406
XR-2 Seal for Bearing Locking Ring	DMI-RRC1407
XR-2 10-10 Lower Shaft - Steel	DMI-RRC1436
XR-2 10-10 Lower Shaft - Titanium	DMI-RRC1437
XR-2 Swivel Spline Lower Shaft - Steel	DMI-RRC1438
XR-2 Swivel Spline Lower Shaft - Titanium	DMI-RRC1439

## DMI Vault Lock Gear

### Cover

The Vault-Lock gear cover turns gear changes into a 15 second job! Eliminating the need to remove and reinstall every cover nut by utilizing the centre Vault-Lock design. Will fit Winters or DMI rears.



DMI-RRC1373

## DMI Torque Tube Shims

.015" Shim	DMI-RRC1490
.030" Shim	DMI-RRC1491
.060" Shim	DMI-RRC1492

## SCI Inspection Plugs

Suit DMI and Winters rear ends.

Large Hex Inspection Plug

Small Hex Inspection Plug

RS-KRP471B

RS-KRP471S

## LRB Rear End Snout Cover

Anodised aluminium made to protect the snout of a spare rear end whilst travelling or storing in the shop.

RS-LRBSNCRBLK



## Rear End Snout Saver

Billet aluminium spacer that installs between the torque tube and snout to create a cost effective "break point" in the event of a wreck that could damage your rear end or drive line.

RS-KRP338

## DMI Bolt

Titanium Bolt for shifter cable bracket.

Suit XR-1 and Winters style bracket.

DMI-RRC1060



## WINTERS 32 Spline Swivel Drive Line Conversion Kits

This track tested assembly eliminates drive line bind, improves spline wear and retrofits in all standard Winters/DMI rears. A 28 spline lower shaft replaces the standard 10 spline, and a 32-32 spline drive shaft replaces the standard 31-16 spline.

Steel Lower Shaft Conversion Kit RS-WINT3942-01

Titanium Lower Shaft Conversion Kit RS-WINT2942-02

## Winters Swivel Spline Drive Coupler

RS-WINT2975



## HRP Winters Style Shifter Cable Bracket

Designed to bolt onto Winters style rear ends only.

Stainless Steel HRP-8001.SS

Titanium HRP-8001.TIT



## DMI-RRC1340

Teflon Q/C Cover Gasket



## DMI-RRC1049

Cable Mounting Kit



## WINTERS

Big Hex Inspection Plug

RS-WIN5920-01

## WINTERS

Small Hex Inspection Plug

RS-WIN6857-01

## WINTERS

10-10 Coupler Seal

RS-7242



## WINTERS

10-10 Coupler Seal

RS-7242



## WINTERS Pro Eliminator Rear Ends

The most common rear end used in all sprintcar racing. Magnesium centre section, with black thermal coating, 10-10 internal coupler, and a 52" long spline axle as standard. Available with 4.12 or 4.86 ring and pinion. **More options available call for more info.**

Pro Eliminator with 4.12 R&P	RS-WINTK837S
Pro Eliminator with 4.86 R&P	RS-WINTK837S-1
Swivel Coupler 4.86 R&P	RS-WINTK837S-1SW
Swivel Coupler 4.12 R&P	RS-WINTK837S-SW
Swivel Coupler 4.12 Polished R&P Titanium Lower Shaft	RS-WINTK837S-SWT

## REDLINE SHOCK PROOF DIFFERENTIAL & TRANSMISSION OIL

- Film thickness greater than an SAE 75W250, yet low fluid friction like 75W90
- For heavily-loaded racing differentials and transmissions, problem gearboxes
- Many performance racing applications like Sprint/Midget/Dirt Late Model Differentials, Detroit Lockers and spools, NHRA Top Fuel and Funny Car rear ends
- Not recommended for most synchro applications due to the product's extreme slipperiness Fully-synthetic formulas created from polyol ester base stocks, offer excellent lubrication under extreme conditions
- High viscosity-index (VI) to provide relatively constant viscosity and film thickness with varying temperature change
- Ester base stocks and friction modifiers provide additional slipperiness to lower operating temperatures by reducing the sliding friction in hypoid gears
- Superior shear stability and reduced oxidation compared to other synthetics and conventional gear oils
- Exceed API GL-5 specifications
- Engineered to provide the highest degree of protection and improvement of differential efficiency for better mileage, longer drain intervals, and less wear

Description	Part No.
Heavy Load Shock Proof Gear Oil 1 Quart (946 ml)	RED58204
Heavy Load Shock Proof Gear Oil 1 Gallon (3.785 Liters)	RED58205



## WINTERS Pro Sprint Rear Ends

Weigh in 11 lbs lighter than the Pro Eliminator rear and offers extra fuel tank clearance. Features new spiral bevel ring and pinion that is much stronger, magnesium centre section with a billet rear cover, and special cast aluminium side bell for more strength. All standard options available.

Swivel Coupler 4.12 Polished R&P Ultra Light Axle  
RS-WINTK848S-PS

## QUICKCHANGE GEAR SETS



### SCS Pro Series Gears

10-Spline gears are max lightened, where possible without sacrificing strength. Average weight savings are 1-1/2lbs! Since 1987 SCS have been the proven leader in ultra high performance gears, building gears that last from 9310 aircraft alloy for maximum strength. Crown shaved (ground before heat treated) to minimize backlash and run out, broached for exact 10-spline shaft fit and black oxide finished. SCS extra 5 step heat treating process, yields maximum gear life for high stress applications such as World of Outlaw Sprint Cars.

SCS-PRO \_\_\_\_\_ (Add Gear Set Number to end)

### SCS Sportsman Series Gears

SCS now makes A Quality Gear, priced for the Sportsman Racers. The SPORTSMAN SERIES gears are CNC Crown Hobbed to produce a quality that meets the exacting standards accepted by SCS. The gears are not lightened and are made of 8620 material. They are Heat Treated as are the PROFESSIONAL SERIES, but will have a REM finish rather than the Black Oxide. Please note that the SPORTSMAN GEARS are engineered the same as the PROFESSIONAL SERIES and have the exact same Gear Ratios Available.

SCS-SP \_\_\_\_\_ (Add Gear Set Number to end)

## PROFESIONAL & SPORTSMAN SCS 10 SPLINE QUICK CHANGE GEAR CHART

Gear Set Number	4.11 Ring & Pinion (9 - 27 Teeth)		Number of Teeth	4.86 Ring & Pinion (7 - 34 Teeth)	
	4.11	4.11		4.86	4.86
01	4.11	4.11	28/28	4.86	4.86
02	3.96	4.26	27/28	4.68	5.04
05	3.94	4.28	24/25	4.66	5.07
15	3.90	4.33	19/20	4.61	5.12
15K	3.85	4.38	15/16	4.56	5.18
26	3.83	4.41	27/29	4.52	5.24
06	3.78	4.46	23/25	4.47	5.28
25	3.74	4.52	20/22	4.42	5.35
12	3.68	4.58	26/29	4.36	5.42
07	3.63	4.64	23/26	4.30	5.49
7K	3.58	4.69	21/24	4.23	5.54
17	3.55	4.76	19/22	4.19	5.63
8K	3.49	4.83	17/20	4.13	5.71
08	3.48	4.85	22/26	4.11	5.75
19	3.45	4.89	21/25	4.08	5.78
9K	3.42	4.93	25/30	4.05	5.83
09	3.39	4.97	19/23	4.01	5.88
11	3.35	5.04	22/27	3.96	5.97
03	3.31	5.10	25/31	3.92	6.03
13	3.29	5.14	20/25	3.89	6.08
18	3.25	5.19	19/24	3.85	6.13
4K	3.21	5.26	18/23	3.80	6.21
04	3.18	5.31	24/31	3.76	6.28
20	3.16	5.34	20/26	3.74	6.32
22	3.12	5.41	19/25	3.69	6.39
16	3.08	5.48	24/32	3.65	6.48
10	3.04	5.55	20/27	3.60	6.56
34	3.00	5.63	19/26	3.55	6.65
14	2.95	5.72	23/32	3.50	6.76
14K	2.93	5.76	20/28	3.47	6.81
35	2.91	5.80	17/24	3.44	6.86
32K	2.87	5.89	23/33	3.39	6.97
24	2.83	5.96	20/29	3.35	7.04
36	2.80	6.04	17/25	3.30	7.15
37	2.78	6.07	23/34	3.29	7.18
23	2.74	6.16	18/27	3.24	7.29
21	2.69	6.28	17/26	3.18	7.43
27	2.66	6.35	22/34	3.15	7.51
43	2.63	6.42	16/25	3.11	7.59
28	2.60	6.49	19/30	3.08	7.67
29	2.57	6.58	15/24	3.04	7.77
30	2.53	6.67	16/26	2.99	7.89
41	2.49	6.77	17/28	2.95	8.00
31	2.46	6.85	21/35	2.91	8.10
33K	2.43	6.94	16/27	2.88	8.20
33	2.41	7.00	17/29	2.85	8.28
31K	2.39	7.05	14/24	2.83	8.33
30K	2.37	7.12	15/26	2.80	8.42

## GEAR TRAYS



### Plastic Gear Case

Hard plastic case to store your Quick Change gears  
RS-POP001



### PIT PAL Quick Change Gear Tray

Slotted tray provides for gear drainage. And a funnel holder on the side helps to make cleanup easier.  
PIT-128-S

## WHEEL SPACERS



### DMI Wheel Spacer Kits

Aluminium spacer kits are available in clear or black hard anodised, or also in super light magnesium.  
10pc Aluminium Spacer Kit - Black DMI-SRC2590BK  
10pc Magnesium Spacer Kit DMI-SRC2600A



### MPD Wheel Spacer

MPD Racing's new Axle Spacer System utilizing a Split Cone Spacer Allows you to move the wheel in or out without going to your jack handle looking for the right size spacer. Once you have the spacing correct you simply move the existing spacers from the inside of the wheel to the center of the split cone or vice versa.  
Kit includes the following, Split Cone, 2 of the 1/4" & 4 of the 1/2" spacers. Most cars will require an additional spacer between the System & the Birdcage.  
MPD-087200



### Rear Axle Spacer 19pc Kit

Sprint Car rear axle spacer kit. Kit contains a total of 19 CNC-machined billet aluminum spacers. Includes all the spacers needed to do both sides of the axle with infinite adjustments to within 1/4". Each spacer is machined to the correct ID to not rattle around on the axle.

- Kit Includes:
- (2) Bearing Shoulders (anodized silver for easy identification)
  - (2) Inner Cones
  - (2) Outer Cones
  - (4) 1/4" Spacers
  - (4) 1/2" Spacers
  - (2) 3/4" Lightened Spacers
  - (2) 1" Lightened Spacers
  - (1) 2" Lightened Spacer
- TXRC-SC-SU-9947



## AXLE NUTS



### BK Axle Nuts

Suit all axles from DMI to Winters, and standard to ultra light.

Aluminium Nut (Black) - LH Thread DMI-SRC2620B  
 Aluminium Nut (Black) - RH Thread DMI-SRC2610B  
 Magnesium Nut - LH Thread DMI-SRC2660  
 Magnesium Nut - RH Thread DMI-SRC2650

## SHIFTERS



### DMI StratoShifter

The Stratoshifter keeps your car locked in gear and keeps tension off all rear internals. The nicest shifter available period. Assembly includes cable, quick disconnect and all hardware. **StratoShifter Assembly** DMI-SRC2400

Shifter Cable - also suits Shurlock / Robison DMI-SRC2405

### SCI Positive Lock Shifter

Positive lock design with a spring loaded handle, locks your car into or out of gear. SCI-1115

### Quick Release Shifter Cable Fastener

Connects the shifter cable to the rear end shifter assembly. Also Doubles as a quick release coupling for the throttle linkage. **Aluminium RS-LEHM-3500A**  
**Steel DMI-SRC2406**

### Camlock Shifter Assembly

Sprint Car positive cam lock shifter. All Black Assembly with Aluminium Heim and Quick Release End. Cam Lock makes sure the car stays in gear and does not jump out. CNC-machined billet aluminium shifter which clamps to the frame just to the right of the driver. Includes all hardware with heavy duty cable. Cable length set so it does not have to be disconnected for any reason including squaring and blocking your car. Length (cable): 45" Weight: 1.05 lbs Material: Aluminium TXRC-SC-SU-0521

### WINTERS Twist Lock Shifters

10/32 Thread Shifter RS-WINT1285  
 1/4"-28" Thread Heavy Duty Shifter RS-WINT6689

## BIRD CAGES

### DMI Bird Cage Spacers

Right Side Spacer DMI-SRC2598  
 Left Side Spacer - Spline Saver DMI-SRC2601  
 DMI Splined Left Side Birdcage Spacer DMI-SRC2601

### DMI 3" Bird Cage Spacers

These allow standard bird cages to be used on axles designed for Double Wide Bird Cages. DMI-SRC2580



### DMI Bird Cage Sets

7075-T6 aluminium with one piece construction and double bearings on left side and right. No weak bolt on spacers and brackets, all come with left and right side brake mount provision..

DMI Bird Cage Set DMI-SRC2575  
 DMI Bird Cage Set - Black DMI-SRC2575BK  
 Birdcage Bearing Spirallock DMI-SRC2579  
 Replacement Bird Cage Level DMI-SRC2574



### SCI Billet Bird Cages

Designed with strength durability and style, and machined from 7075 aluminium. New stud style pick up for radius rod mounting and black anodised finish. RS-SCI1157



### SCI Double Wide Bird Cages

These billet birdcages were built to combat the high side loads of a standard birdcage. Spreading the bearings is not a new concept but we have changed the design to more traditional style to balance the load even better. Less drag equals more speed. RS-SCI-1157-DBL

### Replacement Bird Cage Bearings

Sealed double row angular contact bird cage bearing to suit most popular brands. 28mm Wide RS-5914-2RS/28  
 32mm Wide RS-5914-2RS/32



### Bird Cage Heim Bushing

Reduces bolt/pin size from 1/2" to 3/8". RS-MDR800

SPP Radius Rod to Bird Cage Bolt SPPRH500-20-1375  
 1/2-20 x 1-5/16"

## JACOBS LADDERS

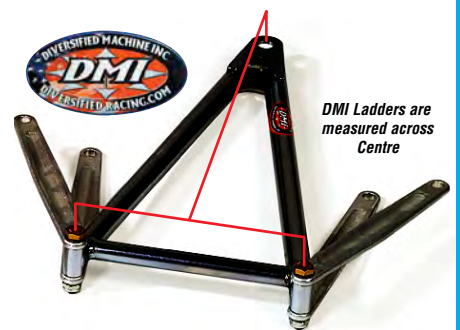
XXX ladders are measured across top arm



### XXX Jacobs Ladders

Measured from centre of strap hole to centre of heim hole, and supplied with 7" 6061-T6 straps. Nuts and bolts not included. Jig fabricated and plated chromoly.

13-5/8" Ladder Kit TXRC-SC-SU-0004  
 13-5/8" Ladder Kit - Black TXRC-SC-SU0004B  
 14" Ladder Kit TXRC-SC-SU-0008  
 14" Ladder Kit - Black TXRC-SC-SU-0008B



DMI Ladders are measured across Centre



### DMI Jacobs Ladders (Black as Standard)

Available in black powdercoated 4130 steel or titanium, supplied with straps and hardware.

13-1/4" 4130 Steel Ladder	DMI-SRC2515
13-1/4" Titanium Ladder	DMI-SRC2525
13-5/8" 4130 Steel Ladder	DMI-SRC2505
13-5/8" Titanium Ladder	DMI-SRC2530
14" 4130 Steel Ladder	DMI-SRC2510
14" Titanium Ladder	DMI-SRC2540
7" Replacement Strap	DMI-SRC2545
7" Replacement Strap - Black	DMI-SRC2545B



13-1/4" Ladder Only Black RS-KRP297-1314  
 13 5/8" Ladder Only Black RS-KRP297-1358



### Carbon Fibre Jacobs Ladder Cover

Carbon Fibre Jacobs Ladder Cover. The newest way to keep your rear axle and centre section protected from debris. Connects to Jacobs ladder with your existing 1/2" bolt or pin and is held on at the back by the straps and bolts. Simple, Lightweight, Strong and keeps your expensive rear end looking brand new and free of rock chips that can break axles. TXRC-SC-SU3894CF

### SCI Ladder Straps

Billet straps have the spacer built into them making it easier to install in those yellow or red flag situations. Sold as a kit of four. RS-SCI-1199

### HRP Ladder Strap Spacer

Sold individually. HRP-5390

### SPP Titanium Ladder Pins

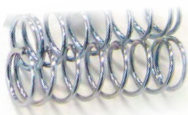
3/8 x 3.500" SPPPIN-375-3500  
 3/8 x 3.650" SPPPIN-375-3650  
 1/2 x 1.140" SPPPIN-500-1140

### Steel Jacobs Ladder Quick Release Pin Kit

Kit includes 1 x 3/8 x 1.3" pin for ladder to bird cage, and 2 x 3/8 x 3.7" pins for straps to chassis. Supplied with rue clips. RS-KRP223







**Jacobs Ladder Spring**  
Individual springs suitable for ladder strap to chassis pin / bolt.  
RS-KRP222



**Titanium Jacobs Ladder Pin Kit**

Complete Kit Contains:  
-Titanium 3/8" Jacobs Ladder Pins (2 1/4" from bottom of the head) with Clips. Fits 2015 and Newer XXX Chassis.  
-1/2" Pin and Rue Clip with Easy to Remove Handle for the Jacobs Ladder to Birdcage  
-NEW Nylontron Spacers for Jacobs Ladder Straps  
TXRC-SC-SU-4900



**Aluminium Stop 1 3/4" Split**  
DMI-SRC2140

**DMI Stop Adj. Bolt**  
DMI-SRC2159



2" Split Stops Are Available By Special Order

**DMI Torsion Stops**  
4140 Steel stops are heat treated and coated for protection.  
Steel Torsion Stop 1-3/4" Split DMI-SRC2160

**FRONT TORSION ARMS**

**DMI Front Arms**  
2024-T3 aircraft aluminium torsion arms are offered in the popular standard length.



Left Front Arm - "S" Bend  
Left Front Arm  
Right Front Arm - 10 degree Broach  
Right Front Arm

DMI-SRC2115  
DMI-SRC2120  
DMI-SRC2125  
DMI-SRC2130



**SCI Angled Broach Right Front Arm**  
Light weight 2024 aluminium, with an angled broach. Black anodised finish.  
RS-SCI-1144

**MSR Torsion Stop Retainer**  
MSR-MSR (sold as Pair)



**REAR TORSION ARMS**



**DMI Torsion Arms**  
Left Rear Arm DMI-SRC2687  
Right Rear Arm DMI-SRC2689



**SCI Rear Torsion Arms**  
Rear arms designed to suit all popular 1-3/4" split cars. CNC machined with full radiused edges, and black anodised.  
Left Rear Arm - 14-3/4" x 3-1/8" Offset RS-SCI-1141  
Right Rear Arm - 13" x 5-1/8" Offset RS-SCI-1140



**SCI Heavy Duty Rear Torsion Arms**  
Designed to reduce the deflection in the arm, to help your spring rate stay consistent. The toughest on the market.  
H/D Left Rear Arm - 14-3/4" x 3-1/8" Offset RS-SCI-1141HD  
H/D Right Rear Arm - 13" x 5-1/8" Offset RS-SCI-1140HD



**XXX Long Rear Radius Rods & Mounts**  
34" Long chromoly radius rods pick up at the engine plate.  
XXX Long Rear Radius Rod - Each, Black TXRC-SC-SU-0122  
XXX Long Rear Radius Rod Mounts - Pair TXRC-SC-SU-0120



**SPP Titanium Torsion Arm & Stop Pinch Bolt**  
3/8-24 x 1.875"  
SPPHH37524-1875S



**SPP Titanium Lower Shock Stud**  
1/2-20 x 3.020"  
SPPONS50020-3020

**TORSION STOPS**



**SPP Titanium Torsion Stop**  
Made from AIRCRAFT PLATE BILLET - not cheaper grade 5 like the competitors. This provides maximum strength and stiffness. Supplied with the highest strength titanium bolts and jam nuts available. Suitable for 1-3/4" tube split.  
SPPPTSP-WB

**SPP Titanium 15/16 Hex Jam Nut**

5/8"-18  
SPPPTJMN-625-18



**TORSION BARS**



**MPD Torsion Bars**  
Made of high quality alloy material, MPD strive to manufacture the best performing and most durable products in the industry.  
30" x 0.975" Hollow Bar MPD-300975HW  
30" x 1.000" Hollow Bar MPD-301000HW  
30" x 1.015" Hollow Bar MPD-301015HW  
30" x 1.025" Hollow Bar MPD-301025HW  
30" x 1.050" Hollow Bar MPD-301050HW



**DMI Reactor Torsion Bars**  
Extensive testing has made the bar even better with a new smoother transition from effective length to bearing shoulder. When winning is a factor choose Reactor.  
30" 800 Hollow Bar DMI-SRC-0800-30  
30" 850 Hollow Bar DMI-SRC-0850-30  
30" 950 Hollow Bar DMI-SRC-0950-30  
30" 975 Hollow Bar DMI-SRC-975-30  
30" 1000 Hollow Bar DMI-SRC-1000-30  
30" 1015 Hollow Bar DMI-SRC-1015-30  
30" 1025 Hollow Bar DMI-SRC-1025-30  
30" 1050 Hollow Bar DMI-SRC-1050-30

**T-REX TORSION BAR INSERT**  
The T-Rex Torsion Restraint System is designed to prevent arms or stops from being pulled off the bar. It is the safest system available. A World of Outlaws approved torsion restraining device. T-Rex locking plugs come standard with all 30" Hollow Torsion Bars.  
DMI-SRC1500



**DMI Torsion Bar Bushes**  
Available in heavy duty, light weight nylon material or also in traditional bronze. Two different wall thicknesses to choose from for different cars.

.095" Bronze Bushing DMI-SRC2210  
.095" Plastic Bushing DMI-SRC2220  
.120" Plastic Bushing DMI-SRC2221



**Sprint Car Plastic Torsion Bush .095"**  
Sprint Car Torsion Bar Bushing. For 1 1/8" bars. Tapered for EASY installation. Long lasting high quality Nylontron. Nylontron is a trademark for a family of nylon plastics, typically filled with molybdenum disulfide lubricant powder. It is used to cast plastic parts for machines, because of its mechanical properties and wear-resistance.  
ID: 1 1/8" (for 1 1/8" bar)  
OD = 1.33" (for 1 1/2" x .095 Tube  
TXRC-SC-CH-0532



**SHOCKS & COMPONENTS**

**MOOSE Torsion Plugs**  
Never lose a torsion arm or stop again. The rod runs through the bar, and plugs on each end to prevent the arms and stops from sliding off.  
MOO-1200 Aluminium  
MOO-1205 Black

**PRO RED TOP Adjustable Shocks**

Pro Shocks have now upgraded their adjustable shocks with new valve bodies for its Rebound and Double Adjustable shock lines. The new rebound ranges include 3-8, 6-11, and 5-14.  
• Detent system promotes a positive adjustment feel and provides better repeatability when setting shocks at the track.  
• The 2 piece valve body improves serviceability of seals and reliability of internal components.  
• A proven, no-leak sealing system.  
Smooth Body Shock - 8" Body 8" Stroke PRO-A836-11R  
Smooth Body Shock - 8" Body 8" Stroke PRO-A846-11R



**Aluminium Shock**

Smooth Body Shock - 6" Body 7" Stroke PRO-A646T  
Smooth Body Shock w/ Bearings - 6" Body 7" Stroke PRO-A647B  
Smooth Body Shock w/ Bearings - 6" Body 7" Stroke PRO-A656B  
Smooth Body Shock w/ Bearings - 8" Body 8" Stroke PRO-A849B  
Smooth Body Shock w/ Bearings - 9" Body 9" Stroke PRO-A940B  
Smooth Body Shock - 9" Body 9" Stroke PRO-A956T  
Smooth Body Shock w/ Bearings - 9" Body 9" Stroke PRO-A956B  
Rebound Adjustable PRO-A836-11R  
Rebound Adjustable 8" Stroke PRO-A846-11R



**PRO Double Adjustable Smooth Body Shocks**

The Double Adjustable shock uses the patented rebound system of the rebound adjustable shock adjusted by the allen screw in the base of the body. Compression is adjusted by turning the thumb wheel.  
6" Body 6" Stroke PRO-A637/38B  
8" Body 8" Stroke PRO-A837/38B

Custom Valving and Stroke's available by special order.