

MAXIMUM

PERFORMANCE

DEVELOPMENT

MAXIMUM PERFORMANCE DEVELOPMENT

SINCE

mpd

1976

42°10'38.0"N



88°15'22.9"W







50 YEARS OF MAKING YOUR CAR FASTER THAN THE ONES BEHIND YOU

Founded in 1975, MPD Racing was launched with one purpose: to develop and market the best possible components for Sprint and Midget racers. That vision of creating the best component manufacturing business in the USA remains the core of our mission today. Our continued focus on superior quality and performance, combined with unrivaled customer service, makes MPD Racing the brand of choice for Sprint and Midget race teams around the world.

Today, you can find our products at authorized distributors both across the US and abroad, as well as online at www.mpdracing.com



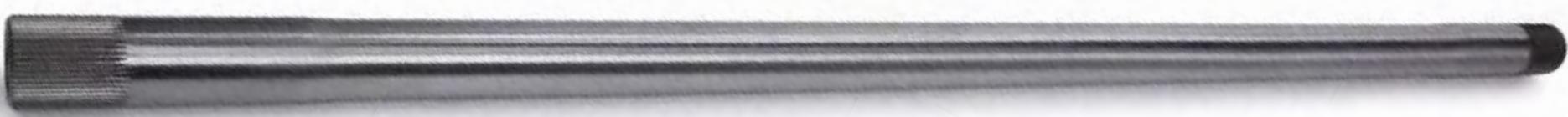


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SPRINT CAR TORSION BARS

SPRINT CAR TORSION BARS

Made of a high-quality 4340 steel alloy and heat treated to our exacting specifications, our torsion bars have won more Sprint Car championships than all other brands combined. Torsion bars feature 1-1/8" diameter x 48-spline ends, and may be ordered in diameters from 0.925" to 1.065", in both 29" and 30" lengths. Manufactured in the USA with all-American materials.



Part No.	Diameter						
30" Torsion Bar with 23" Effective Length		30" Torsion Bar with 23" Effective Length		29" Torsion Bar with 23" Effective Length		29" Torsion Bar with 23" Effective Length	
MPD300925	0.925"	MPD301015	1.015"	MPD290925	0.925"	MPD291025	1.025"
MPD300950	0.950"	MPD301025	1.025"	MPD290950	0.950"	MPD291050	1.050"
MPD300975	0.975"	MPD301035	1.035"	MPD290975	0.975"	MPD291065	1.065"
MPD300987	0.987"	MPD301050	1.050"	MPD291000	1.000"		
MPD301000	1.000"	MPD301065	1.065"				

MINI-SPRINT TORSION BARS

Manufactured from the same high-grade alloy steel as the Sprint Car bars, MPD Racing 26" torsion bars are 7/8" diameter x 48-spline. With lightweight hollow construction, torsion bars are available from 0.600" to 0.800" diameter in 26" lengths to provide a range of options for effective wheel rates. Each bar is packaged in a protective tube at no extra charge.



Part No.	Diameter						
7/8" x 48-Spline							
MPD26600	0.600"	MPD26675	0.675"	MPD26725	0.725"	MPD26775	0.775"
MPD26625	0.625"	MPD26700	0.700"	MPD26737	0.737"	MPD26800	0.800"
MPD26650	0.650"	MPD26712	0.712"	MPD26750	0.750"		

SPRINT CAR TORSION BARS



STORAGE TUBE MPD99700

The same tube used to protect MPD torsion bars during storage or transport may also be purchased separately. Protective tube is 1-1/2" diameter x 16-3/4" long and weighs just 0.20 lbs.

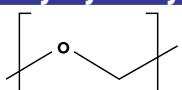
TORSION BAR BUSHINGS

Torsion bushings are 1-1/8" I.D. x 0.095" thick. Performance-tested anti-friction material offers increased wear-resistance allowing for longer part life.

Part No.	Description
MPD30104	0.095" Sprint Car-Nylon (4-Pack)
MPD30110	0.095" Sprint Car-Nylon (10-Pack)
MPD30204	0.095" Sprint Car-Bronze (4-Pack)
MPD30210	0.095" Sprint Car-Bronze (10-Pack)

NYLON BUSHING FEATURES:

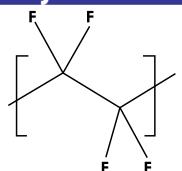
Polyoxymethylene



- Less Friction
- Properties Remain Constant
- Humidity High Impact Strength



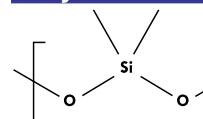
Polytetrafluoroethylene



- Improves Abrasion Resistance
- Improves Lubrication



Polysiloxane



- Improves Weatherability
- Improves Thermal Stability

TORSION BAR SPLINE GREASE MPD30020

Designed to provide top-quality protection for torsion bars and Sprint Car drive lines. It utilizes a high-viscosity synthetic base, proprietary anti-wear additive, and Polyurea thickener that is specifically developed to extend durability.

SPRINT TORSION BAR RETAINERS

Natural aluminum retainers are engineered specifically for use with MPD Racing 1-1/8" diameter torsion bars, and feature cadmium-plated Grade 8 bolts. Torsion bar retainers are made of black anodized aluminum.



Part No.	Description
MPD30001	Torsion Bar Retainers, Sold in Pairs
MPD30002	Torsion Bar Retaining Caps for 1-1/8" Threaded Bar, Sold in Pairs



TORSION BAR REAMER MPD30130

Torsion Bar Reamer is manufactured for accuracy. The heart of the Reamer is its 4340 tool steel industrial cutter. Each flute is precision ground for perfect cutting and accuracy. The stem is made to come apart so it's easy to store. Machined at the handle end is a 3/4" hex so you can easily cut through your bushings.



SPRINT CAR TORSION BAR BUSHING INSTALLERS

This tool makes installing torsion bar bushings quick and easy. A must for every toolbox, it also helps prevent bending or cracking the bushing flange during installation.

Part No.	Description
MPD30140	1.125"
MPD30142	1"
MPD30144	7/8"



SPRINT CAR DRIVE LINES

TORQUE BALL HOUSING MPD68200

Machined from black anodized billet aircraft aluminum, these 4.45" torque ball housings are the strongest torque ball housings on the market! It is the only housing on the market that pivots in the same linear pattern as the U-joint, letting your car drive harder and roll freer.



ALUMINUM TORQUE TUBES

MPD anodized aluminum torque tubes are turned to 2.990" O.D. and reamed to 2.628" I.D. to ensure 0.005" clearance between the torque ball and torque tube. Tubes are available in 27", 28", 32", and 35" lengths. The torque collars have been lightened with a ball mill to decrease weight. All torque tube assemblies are supplied with an O-ring.

Part No.	Description	Color	Matching Components
MPD64628	28"	Black	MPD64205, MPD64202
MPD64632	32"	Black	MPD64205, MPD64202
MPD64635	35"	Black	MPD64205, MPD64202
MPD64650	Heavy Duty, Long Collar, Black, 28"	Black	MPD64205, MPD64202
MPD64601	27", 3" O.D.	Black	MPD64203



TORQUE BALLS

MPD Torque Balls are machined out of solid aluminum billet and are hard anodized to keep from binding.

Part No.	Description	Matching Components
4.45" Ball Diameter		
MPD64202	2.995" I.D. Long Ball	MPD68200
MPD64203	3.005" I.D. Standard Ball	MPD68200
MPD64205	2.995" I.D. Standard Ball	MPD68200



SPRINT CAR DRIVE LINES

SPRINT CAR AXLE SPACER KIT MPD87200

MPD Racing's axle spacer system uses a split cone spacer which allows moving the wheel in or out without going back to look for the right size spacer. Once the spacing is correct, simply move the existing spacers from the inside of the wheel to the center of the split cone or vice versa. Kit includes male cone for the wheel center and female cone for the wheel nut, (2) 1 1/4" and (4) 1/2" spacers. Some cars may require an additional spacer between the system and the birdcage. Black anodized aluminum. Made in the USA.

Part No.	Description
Extra Spacers for Kit	
MPD87201	Male Cone - Sold Each
MPD87202	Female Cone - Sold Each
MPD87203	Male/Female Kit
MPD87009	1/2" Wide - Sold Each
MPD87015	1/4" Wide - Sold Each
MPD87007	7/8" Wide, Tapered - Sold Each
MPD87008	7/8" Wide, 42-Spline - Sold Each



REAR AXLE NUT

Black anodized aluminum rear axle nuts for sprint cars. 2-1/2" threads with a 3" wrench size.

Part No.	Description
MPD85001	Left-Hand Thread
MPD85002	Right-Hand Thread



SHIFT LEVERS

Our lightweight shift levers have a positive lock system to securely lock the car into gear. Spring-loaded lever locks into place in either the "in" or "out" position. The black anodized shift lever is offered in both a weld-on or clamp-on style.

Part No.	Description
MPD84000	Shift Lever - Weld-On
MPD84000C	Shift Lever - Clamp-On
MPD84010	Clamp for Push-Lock Shifter Cable
MPD84001	Shifter Installation Kit, Weld-On Bracket
MPD84015	Shifter Installation Kit, Cable Tab / Weld-On Bracket
MPD84020	Cable - Complete with Ends and Ready to Install



STEEL TUBULAR DRIVESHAFTS

Made with tough 4130 steel, then gun drilled to reduce weight, MPD Racing tubular driveshafts feature 10-spline ends.

Part No.	Description
MPD65104	28" Long, 10/16 Spline, Hollow Steel
MPD65106	29" Long, 10/16 Spline, Hollow Steel
MPD65108	32" Long, 10/16 Spline, Hollow Steel

SPRINT CAR INNER REAR WHEEL COVER

This splined black anodized aluminum inner rear wheel cover fits a 15" diameter wheel. These slide-on splined inner mud covers prevent mud and debris from collecting in the inner wheel.

Part No.	Description
MPD87300	Right Cover
MPD87302	Left Cover



SPRINT CAR TETHERS

SPRINT CAR FRONT AXLE TETHER SYSTEM

Approved for use by Knoxville Raceway and the WoO (World of Outlaws), front axle tether system adds a measure of safety to open wheel racing in the event of front axle breakage. Clamps install easily to front axle, and tethers are then connected to the front motor mount tube. Kits include (2) billet clamps, (2) tethers, and required hardware. Tether, clamp, and hardware kits are also available separately for replacement purposes, or for spare front axles.



MPD10525



MPD10526



MPD10527



MPD10500



MPD10528

Replacement Clamps

Part No.	Description
MPD10500	Axle Tether Pair with 2.5" Clamps
MPD10501	Axle Tether Pair with 2.38" Clamps
MPD10502	Axle Tether Pair with 2.25" Clamps
MPD10525	Axle Clamp Pair 2.5" with Hardware
MPD10526	Axle Clamp Pair 2.38" with Hardware
MPD10527	Axle Clamp Pair 2.25" with Hardware
MPD10528	Axle Clamp Hardware Only

KING PIN TETHER KIT

King pin tether from MPD Racing is required by World of Outlaws and many other Sprint Car sanctioning bodies and tracks. It attaches to the king pins so that they will remain with the race car in the event of a crash.

Part No.	Description
MPD10506	For 50" Axle, King Pin Tether with Hardware
MPD10507	For 51"-53" Axle, King Pin Tether with Hardware
MPD10508	56" King Pin Tether with Hardware
MPD10510	King Pin Studs Pair



MPD10506



MPD10510



LIGHTWEIGHT SPRINT HUBS

These billet direct-mount hubs are machined from 6061-T6 aluminum for superior precision and strength. Kit includes left hub with rotor mount, right hub without rotor mount, bearings, seals, wheel nuts, and dust cap.

Part No.	Description
MPD28500	Complete Kit, Includes Right and Left Sides
MPD28510	Direct-Mount Billet Hub, Left Side Only, Complete
MPD28512	Direct-Mount Billet Hub, Right Side Only, Complete
Replacement Components	
MPD28515	Hub Bolt Kit, 3/8-16" Thread, 1.250" Long, Titanium
MPD28524	Wheel Bearing Kit, Outer Bearing
MPD28526	Hub Bearing Seal, Inner, Lip, 2.645" O.D., 1.6" I.D., 0.253" Thick, Rubber / Steel
MPD28528	Hub Bolt Kit, 3/8-16" Thread, 1" Long, Steel



SPRINT SPINDLES

Sprint car spindles are manufactured using a 7075-T6 aluminum forging and are offered with titanium or steel snout and include lock nuts.

Part No.	Description
MPD14000	Spindle with Steel Snout, 2 Ear
MPD14010	Spindle with Titanium Snout, 2 Ear

SPRINT CAR FRONT END

SPINDLE NUT & SHIM KITS

Part No.	Description
MPD14201	Sprint Spindle Thrust Bearing, Pack of 4
MPD14202	0.030" Thrust Washer, Pack of 4
MPD14203	King Pin Thrust Bearing, Roller, Steel, Kit
MPD14204	0.005" Shim, Pack of 10
MPD14205	0.007" Shim, Pack of 10
MPD14206	0.010" Shim, Pack of 10
MPD14207	0.015" Shim, Pack of 10



MPD14203

HUB BEARING SPACER MPD13607

Bearing spacers feature a patented design that improves wheel spin by 1200% and reduces bearing maintenance and wear. Threaded adjustment makes setting end play or preload easy.



LOW-DRAG SEALS MPD25605LD

Upgrade your performance with TFE low-drag seals.



SPINDLE REPLACEMENT PARTS

Part No.	Description
MPD14001	King Pin, 5/8", Steel
MPD14011	King Pin, 5/8", Titanium



KING PINS AND CAPS

Part No.	Description
MPD14305	Steel Spindle Nut, Keyed Washer / Screws Included
MPD28456	Standard Cap



MPD14305

SPRINT CAR COMPONENTS

SPRINT CAR BIRDCAGES

These black anodized billet aluminum birdcages are complete with angular contact bearing, torsion arm bolt, and radius rod bolt. 5-1/4" split between radius rod and torsion arm. Left and right sold individually.

Part No.

MPD81107

Description
Passenger Side, 2.750" I.D. Bearing, Single Bearing, Aluminum

MPD81207

Driver Side, 2.750" I.D. Bearing, Single Bearing, Aluminum

Replacement Components

MPD81101

Birdcage Flag, Aluminum, Black Anodized

MPD81102

Birdcage Spud, Aluminum

MPD81103

Birdcage Bolt, Lower Arm, 1/2"-20 Thread, 4" Long, Hex Head, Steel

MPD81104

Birdcage Bolt, Radius Rod Bolt, 1/2"-20 Thread, 3-1/4" Long, Hex Head, Steel



SPRINT CAR STEERING ARMS

Steering arms are CNC-machined from 202 aluminum. Black anodized finish. Sold each.

Part No.

MPD17708

Description

Driver Side,
8-3/16" Center to Center, Aluminum

MPD17608

Passenger Side, 5-1/2" Center to Center



CONE SPACERS

Part No.

MPD41000

Description

Cone Spacer Plain

Weight

.01

MPD41002

Cone Spacer Black

.01

MPD41005

Cone Spacer, Set of 10, Plain

.10

MPD41006

Cone Spacer, Set of 10, Black

.10



PITMAN ARMS

MPD offers a variety of different styles of Pitman arms to make sure you get the correct feel of the race car.



Part No.

MPD28340

Description
Pitman Arm, Straight, Black, 10" and 11" holes

MPD28345

Pitman Arm, Angle Broach, Black, 10" and 11" holes

MPD28360

Pitman Arm, Straight, Long, Black, 11.25", 12.25", 13.25", and 14.25" Holes

MPD28365

Pitman Arm, Angle Broach, Long, Black, 11.25", 12.25", 13.25", and 14.25" Holes

SPRINT CAR COMPONENTS



BILLET ALUMINUM FRONT TORSION ARMS

Precision-machined from high-strength 7075 billet aluminum, these torsion arms are engineered to deliver maximum durability and performance. By reducing deflection, twisting, and bending under load, they ensure the torsion bar maintains a consistent rate without energy being lost to flex in the arm. Ideal for both winged and non-wing sprint cars, these arms provide the strength and stability serious racers demand.

Part No.	Description
MPD82030	7075 S-Bend Left Front, Black
MPD82032	7075 Straight Right Front, Black

SPRINT CAR TORSION ARMS

MPD torsion arms are constructed of high-strength 2024 aluminum. The arms have been precisely radiused to reduce excess weight while maintaining strength and durability. The left S-Bend allows for more oversteer clearance on the left front tire.



Part No.	Description
MPD82000	Front, Driver Side, 1-1/8" x 48 Spline, 19-1/2" Long
MPD82004	Front, Driver Side, S-Bend, 1-1/8" x 48 Spline, 19-1/4" Long
MPD82006	Front, Passenger Side, 1-1/8" x 48 Spline, 17-1/2" Long
MPD82010	Rear, Driver Side, 1-1/8" x 48 Spline, 16-1/4" Long
MPD82014	Rear, Passenger Side, 1-1/8" x 48 Spline, 15-3/8" Long

FRONT ROTOR MOUNTING KIT

MPD1790K

Front rotor mounting kits include 3 stands with bolts. Stands have 1/2"-20 threads through and include 1/2"-20 flathead Allen bolts. One Per Hub. 0.29 lbs.



PAVEMENT HUB LUG NUTS MPD12400

Aluminum lug nut with 5/8"-11 thread. Sold in packs of three.



TORSION BAR STOPS

Torsion stops are available in 1-3/4" split. Aluminum stops are made from 6061 and include a steel bolt with jam nut. Steel stops are 4340 and include a steel bolt and jam nut. Titanium stops feature a titanium bolt with aluminum jam nut.

Part No.	Description
MPD17200	1-3/4" Split, Hardware Included, Aluminum, Black Anodized
MPD17210	1-3/4" Split, Hardware Included, Steel, Black Powder Coat
MPD17212	1-3/4" Split, Hardware Included, Titanium, Natural
Torsion Stop Bolts	
MPD17220	7/16-20" Thread, 1.750" Long, Hex Head, Steel
MPD17222	7/16-20" Thread, 1.750" Long, Hex Head, Titanium



BRAKE ROTORS

All rotors have been drilled and lightened to significantly reduce rotating weight. Rotors are 3/8" thick and are made of 6061-T651 tooling plate. Each rotor is clear anodized to increase durability and extend usable life.

Part No.	Description
MPD17900	Aluminum Brake Rotor-11"
MPD17904	Aluminum Brake Rotor-10"



MASTER CYLINDER RETURN SPRING MPD17990

Kit includes black anodized aluminum retainer plate and black powder-coated steel return spring.

SPRINT DRIVE STUDS FOR FRONT HUBS MPD12300

Threaded drive stud, with 5/8"-11 thread on pin and 1/2"-20 thread on shank. Fits bolt-on front hubs. Sold each.



BRAKE QUICK DISCONNECT MPD28600

MPD Racing has released their new dry-break, quick-disconnect -3 AN fittings. A quarter turn disconnects the line with no tools needed. The internal high-tension spring-loaded seal provides a positive lock between ends preventing air from entering and fluid from escaping.







ASPHALT SPRINT CAR



6-PIN ORIGINAL HUBS MPD13000

Part No.	Description
Replacement Components	
MPD12300	Drive Studs for Front Hubs
MPD12305	Titanium Wheel Stud
MPD12400	Asphalt Hub Lug Nut
MPD1790K	Front Rotor Mounting Kit
MPD13010	Dust Cap For 13000 Hub with O-Ring Mpd Logo
MPD13012	Seal for 13000 Hub
MPD13014	Bearing Kits for 13000 2 Bearings 2 Races



6-PIN PRESSURE PLATE

Part No.	Description
MPD16400	Plain
MPD16401	Black



FRONT BRAKE MOUNT MPD14152

Pavement 4" on 5-1/4"

ASPHALT SPRINT CAR BIRDCAGES

This state-of-art sprint car birdcage is designed with strength in mind, but still emphasizes weight savings. The 7075 billet aluminum birdcage needs no bolt-on hardware, giving it maximum strength. These cages fit most asphalt cars including beast and hurricane chassis.



Part No.

MPD81120
MPD81220

Description
Left Hand Birdcage
Right Hand Birdcage

Description
Left Hand Birdcage
Right Hand Birdcage

Replacement Components

MPD81270	Pavement Birdcage, 6014 Bearing
MPD81271	Spiral Locking Ring for Pavement Birdcage
MPD81272	Upper Cone Bolt, 2-1/2" Left Rear Pavement Cage
MPD81273	Upper Cone Bolt, 3" Right Rear Pavement Cage
MPD81274	Lower Pickup Bolt, and Nut for Pavement Cage
MPD81275	Upper Pick Up Cone for Left Rear Pavement Cage
MPD81276	Upper Pick Up Cone for Right Rear Pavement Cage



ASPHALT SPINDLE

Asphalt spindles are manufactured using a 7075-T6 aluminum forging and have stepped steel snouts. Lock nuts included.

Part No.	Description
MPD14100	Black Spindle
MPD14101	Natural Anodized Spindle

Related Components

MPD14011	Titanium and Add Caps
MPD28458	Long Cap
MPD28456	Standard Cap

ASPHALT SPRINT CAR



ASPHALT SPRINT CAR STEERING ARMS

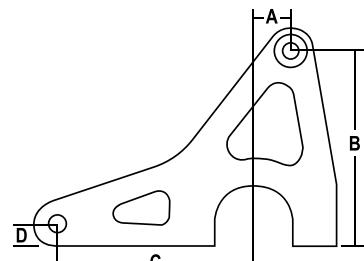
The MPD Racing sprint steering arms are machined from 2024 aluminum, drilled and tapped 1/2" NF for mounting. Available in multiple configurations. Offered in clear or black anodized finish.

Part No.	Description	Weight	Spindle Bolt Center	A	B	C	D
MPD14130	Left	15.5 oz.	3.75"	N/A	N/A	5.5"- 6.125"	1.375"
MPD14132	(Single Mount), LF Single	14 oz.	3.75"	N/A	N/A	6"	1.375"
MPD14135	Right	1 lb. 7 oz.	3.75"	1"	5.5"- 6.25"	5.375"- 6.25"	1.75"
MPD14137	(Single Mount), RF Combo	1 lb. 12 oz.	3.75"	0.375"	6.5"	6.25"	1.375"
MPD14138	Beast Style, Offset	2.45 lbs	3.75"	1"	9.5"	6"	1.75"
MPD14139	Beast Style, Offset	2.45 lbs	3.75"	1"	9.5"	6"	1.75"

STEERING ARM MEASUREMENT GUIDELINES

Please follow these guidelines for providing correct steering arm dimensions (see corresponding diagram):

A.	Drag-link centerline to kingpin centerline
B.	Drag-link centerline to spindle
C.	Tie-rod centerline to kingpin
D.	Tie-rod centerline to spindle



ASPHALT AXLE

2.25" outside diameter, 12 degree front spindles.

Part No.	Description
MPD17300	50" Front Axle Assembly
MPD17302	52" Front Axle Assembly



SPINDLE NUT & SHIM KITS

Part No.	Description
MPD14201	Sprint Spindle Thrust Bearing, Pack of 4
MPD14202	0.030" Thrust Washer, Pack of 4
MPD14203	King Pin Thrust Bearing, Roller, Steel, Kit
MPD14204	0.005" Shim, Pack of 10
MPD14205	0.007" Shim, Pack of 10
MPD14206	0.010" Shim, Pack of 10
MPD14207	0.015" Shim, Pack of 10



FRONT SPRINT BRAKE KIT

Part No.	Description
WIL140-14495	With Caliper, Brake Pads, Caliper Mounting Brackets, Caliper Mount Bolt Kit, Rotor, and Rotor Mounting Hardware

PANHARD BAR BRACKET

Panhard bar brackets are CNC machined from 6061-T6 aluminum. Lightweight and strong. Track tested.

MPD81300	MPD81310	MPD81400
Part No.	Part No.	Part No.
MPD81300	MPD81310	MPD81400
Description	Description	Description
Frame Mount, Clamp-On, Aluminum, 1-1/4" Tubing	Axle Mount, Bolt-On, Aluminum	Adjustable Panhard Bar Bracket
MPD81310	MPD81315	MPD81402
Axle Mount, Bolt-On, Aluminum	Axle Mount, Bolt-On, Aluminum	Hardware Kit for Panhard Bar Bracket
MPD81315	MPD81402	MPD81410
Adjustable Panhard Bar Bracket	Hardware Kit for Panhard Bar Bracket	1.25" Clamp-On Frame Mount
MPD81402	MPD81410	
Hardware Kit for Panhard Bar Bracket	1.25" Clamp-On Frame Mount	



MIDGET REAR AXLE



MIDGET BIRDCAGES

The MPD billet birdcages are made of billet 6061 aluminum. They come complete with split race angular contact bearings and hardware.

Part No.	Description
MPD20100	Left Rear
MPD20101	Right Rear
Replacement Components	
MPD20110	Flag for Right Rear Midget Birdcages
MPD20111	Flag for Left Rear Midget Birdcages
MPD20112	Stand-off Spud for Midget Birdcages
MPD20115	Bearing Spacer, 31-Spline, for Midget Birdcages
MPD20120	Midget Birdcage Bearing, Angular Contact



MIDGET TORSION ARMS

State-of-the art torsion arm design saves weight and increases durability without sacrificing function. Made from 2024 aluminum. 2-3/8" offset Right 11" length. Straight Left 11" length. 33° setback.

Part No.	Description
MPD20200	33" Rear, Driver Side, Hardware Included
MPD20202	33.5" Left Rear, Hardware Included
MPD20204	33" Rear, Passenger Side, Hardware Included
MPD20206	33.5" Right Rear, Hardware Included

MIDGET ALUMINUM TORSION STOP

MPD27200

MPD stops are CNC-machined from 2024 aluminum and come complete with adjusting hardware. They are sized to fit 1" torsion bars. Black.



MIDGET AXLE SPACERS - 31-SPLINE



Part No.	Description
MPD87200-31	Coned Midget Axle Spacer Kit with (2) 1/4" Spacers and (4) 1/2" Spacers, 31-Spline

Extra Spacers for Kit

MPD87201-31	Male Cone - Sold Each
MPD87202-31	Female Cone - Sold Each
MPD87009-31	1/2" Thick - Sold Each
MPD87015-31	1/4" Thick - Sold Each

MIDGET AXLE SPACERS - 36-SPLINE



Part No.	Description
MPD87200-36	Coned Midget Axle Spacer Kit with (2) 1/4" Spacers and (4) 1/2" Spacers, 36-Spline

Extra Spacers for Kit

MPD87201-36	Male Cone - Sold Each
MPD87202-36	Female Cone - Sold Each
MPD87009-36	1/2" Thick - Sold Each
MPD87015-36	1/4" Thick - Sold Each

MIDGET FRONT END



MIDGET HUBS

These billet direct-mount hubs are machined from 6061-T6 aluminum for superior precision and strength. Kit includes left hub with rotor mount, right hub without rotor mount, bearings, seals, wheel nuts, and dust cap.

Part No.	Description
MPD28500	Complete Kit, Includes Right and Left Sides
MPD28510	Direct-Mount Billet Hub, Left Side Only, Complete
MPD28512	Direct-Mount Billet Hub, Right Side Only, Complete
MPD28515	Hub Bolt Kit, 3/8-16" Thread, 1.250" Long, Titanium
MPD28528	Hub Bolt Kit, 3/8-16" Thread, 1" Long, Steel

MIDGET BILLET SPINDLES

MPD Midget spindles are produced from billet 2024-T3 aluminum and are offered with both steel and titanium shafts. They come complete with spindle lock nuts. Offered in 2 and 4 ear.

Part No.	Description	MPD28400
MPD28400	4 Ear, Steel Shaft, Black	
MPD28410	4 Ear, Titanium Shaft, Black	
MPD28414	2 Ear, Titanium Shaft, Black	
MPD28404	2 Ear, Steel Shaft, Black	
MPD28440	Nut, Keyed Washer / Screws Included	



MIDGET FRONT AXLE MPD28100

Midget front axles are 44" x 2" O.D. x 0.110" wall 4130 chromoly steel and have a black powder-coated finish.

MIDGET STEERING ARMS

MPD steering arms are made of a high-quality billet aluminum. These arms work on all Midget steering applications and have 7/16"-20 threaded mounting holes.

Part No.	Description
MPD28250	Steering Arm, Black
MPD28251	Steering Arm, Natural
MPD28260	Wishbone Steering Arm, Black
MPD28261	Wishbone Steering Arm, Natural
MPD28270	Combo Steering Arm, Black
MPD28271	Combo Steering Arm, Natural



RADIUS RODS

Aluminum rods are made from 6061 aluminum. 5/8"-18 thread. Black anodized. Sold each.

Part No.	Size	Part No.	Size	Part No.	Size	Part No.	Size
1" O.D.		1" O.D.		1" O.D.		1-1/8" O.D.	
MPD41180	18"	MPD41220	22"	MPD41290	29"	MPD42390	39"
MPD41185	18-1/2"	MPD41225	22-1/2"	MPD41295	29-1/2"	MPD42410	41"
MPD41190	19"	MPD41230	23"	MPD41300	30"		
MPD41195	19-1/2"	MPD41235	23-1/2"	MPD41305	30-1/2"		
MPD41200	20"	MPD41240	24"	MPD41310	31"		
MPD41205	20-1/2"	MPD41245	24-1/2"	MPD41390	39"		
MPD41210	21"	MPD41250	25"	MPD41410	41"		
MPD41215	21-1/2"						



FRONT BRAKE MOUNTS

Aluminum front brake mounts are built for 10-1/8" rotors and come in a variety of styles.

Part No.	Description
Front-Mounts	
MPD28300	Brake Bracket, DMI-Style, Black
MPD28315	Brake Bracket, Winters-Style, Black
Top-Mount	
MPD28310	Brake Bracket, Top-Mount, DMI-Style, Black



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MIDGET FRONT END

MIDGET KING PINS AND CAPS

MPD king pins are offered in both steel and titanium and come with the cap.

Part No.	Description
MPD28450	Midget King Pin, Steel, with Cap
MPD28454	Midget King Pin, Titanium, with Cap
MPD28456	Midget King Pin Cap, Aluminum
MPD28460	Midget King Pin Bushing, Brass, Natural, Set of 4



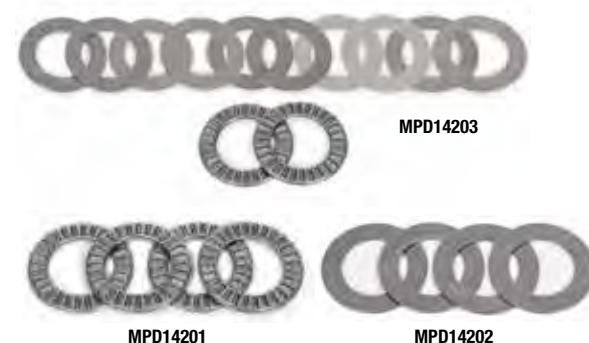
HUB BEARING SPACER MPD13607

Bearing spacers feature a patented design that improves wheel spin by 1200% and reduces bearing maintenance and wear. Threaded adjustment makes setting end play or preload easy.



LOW-DRAG SEALS MPD25605LD

Upgrade your performance with TFE low-drag seals.



MPD14203



MPD14202

SPINDLE NUT & SHIM KITS

Part No.	Description
MPD14201	Sprint Spindle Thrust Bearing, Pack of 4
MPD14202	0.030" Thrust Washer, Pack of 4
MPD14203	King Pin Thrust Bearing, Roller, Steel, Kit
MPD14204	0.005" Shim, Pack of Ten
MPD14205	0.007" Shim, Pack of Ten
MPD14206	0.010" Shim, Pack of Ten
MPD14207	0.015" Shim, Pack of Ten



MIDGET DRIVE LINES



4.45" TORQUE BALL HOUSING MPD68200

Machined from black anodized billet aircraft aluminum, these torque ball housings are the strongest torque ball housings on the market! It is the only housing on the market that pivots in the same linear pattern as the U-joint, letting your car drive harder and roll freer.

TORQUE BALLS

MPD Torque Balls are machined out of solid aluminum billet and are hard anodized to keep from binding.

Part No.	Description	Weight	Matching Components
MPD64201	4.45" Ball Diameter 2.305" I.D. Long Ball	1.05 lbs.	MPD68200
MPD64205	4.45" Ball Diameter 2.995" I.D. Standard Ball	1.20 lbs.	MPD68200

TORQUE TUBES

MPD Midget torque tube and collar assemblies are turned to 2.3" O.D. to allow 0.005" clearance for the torque ball. The torque collar has two six-hole patterns on a 4" bolt circle, with one set of holes for 5/16" studs and the other for 3/8" studs.

Part No.	Description	Weight
MPD21600	24" Torque Tube & Collar, 2.300" O.D.	4.00 lbs.
MPD21602	29" Torque Tube & Collar, 2.300" O.D.	6.85 lbs.
MPD21610	24" Torque Tube & Collar, 2.990" O.D.	4.60 lbs.



MIDGET ACCESSORIES



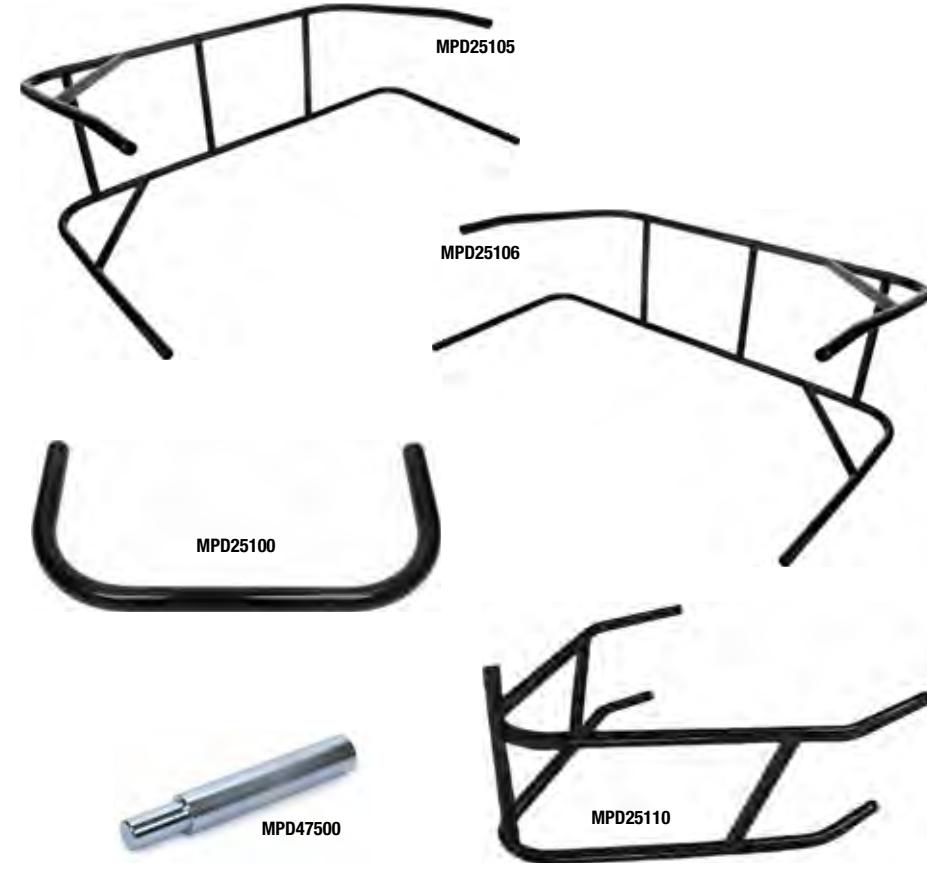
MIDGET PEDALS

MPD pedals fit the most popular chassis and are made of high-quality materials.

Part No.	Description
Throttle Pedals	
MPD20400	For Midget Chassis
MPD20408	For Midget Chassis, Titanium
Brake Pedals	
MPD20405	For Midget Chassis, Titanium, 16-1/2" Length
MPD20406	For Midget Chassis

MIDGET NERF BARS & BUMPERS

MPD nerf bars and bumpers fit the most popular chassis and are made from strong 4130 chrome-moly steel with a durable black powder-coated finish.



Part No.	Description
MPD25100	Front Bumper, Black
MPD25105	Left Nerf, 4-Point, Black
MPD25106	Right Nerf, 4-Point, Black
MPD25110	Rear Bumper, Black
MPD47500	Nerf Bar Spud Repair Tool

QUARTER MIDGET & KART



QUARTER MIDGET AXLE BELT DRIVE SPROCKET HUBS

Hubs for the Quarter Midget Axle Belt Drive Sprockets.

Part No.

MPD69020

Description

1-1/4" Hub

MPD69022

1-3/8" Hub

QUARTER MIDGET AXLE BELT DRIVE SPROCKET

Part No.	Description
Axle Sprockets	
MPD69039	39 Tooth
MPD69040	40 Tooth
MPD69041	41 Tooth
MPD69042	42 Tooth
MPD69043	43 Tooth
MPD69044	44 Tooth
MPD69045	45 Tooth
MPD69046	46 Tooth
MPD69047	47 Tooth
MPD69048	48 Tooth
MPD69049	49 Tooth
MPD69050	50 Tooth



QUARTER MIDGET ENGINE SPROCKETS

Part No.	Description
Engine Sprockets	
MPD69056	56 Tooth
MPD69058	58 Tooth
MPD69060	60 Tooth



ENGINE PARTS



SPARK PLUG GUARD KIT

Don't let mud or rocks ruin your race. These lightweight aluminum spark plug guards have brackets that bolt to your headers with 2 quick-connect fasteners. Kit includes right and left guard, two front, and two rear mounting brackets.

Part No.

MPD18001

Description

Spark Plug Guard, Black
Anodized Aluminum, Sprint Car, Kit

MPD18009

Spark Plug Guard Brackets Only, 4-pack

STEERING GEAR MOUNTS

MPD offers a variety of mounts to cover all the needs of installing steering gears and pumps.



Part No.

MPD18820



Description

Upper Power Steering Mount for Shut-Off Valve
Power Steering Mount Adapter

MPD18900

CAM SPUDS

Part No.

MPD78500

Description

9/16"-18 Thread, 1" Long

MPD7870XL

3/4"-16 x 1-1/8" Right-Hand Thread



FUEL SHUT OFF MPD76504

Lightweight in-line shut-off valve has a -6AN inlet and outlet. Can be mounted anywhere between the fuel pump and the barrel valve.



ADDITIONAL FUEL SHUT-OFF VALVES

Part No.

In-Line Fuel Shut-Off Valves

MPD73800 -12AN Male Outlet, Aluminum, for MPD Filter
MPD73850 -10AN, for MPD Filter

Description



FUEL BLOCK MPD73900

Each fuel block has one -8AN male outlet and three -6AN male inlets. Black anodized aluminum construction. This fuel block is designed with perfect angles to keep the plumbing lines clean and tight. Sold complete with fittings.



MPD72412



IN-LINE FUEL FILTERS

Part No.

MPD72106

Description

30-Micron Stainless Element,
-6AN Male Inlet, -6AN Male Outlet, Black Anodized Aluminum

MPD72212

100-Micron Stainless Element,
-12AN Male Inlet, -12AN Male Outlet, Black Anodized Aluminum

MPD72306

30-Micron Stainless Element,
-6AN Male Inlet, -6AN Male Outlet, Shut-Off Valve, Black Anodized Aluminum

MPD72412

100-Micron Stainless Element,
-12AN Male Inlet, -12AN Male Outlet, Shut-Off Valve, Black Anodized Aluminum



OIL FILTER ADAPTER, BLOCKOFF PLATE MPD18200

Designed for blocks that have a dry sump mount. Black anodized.

TOOLS & ACCESSORIES



MPD18000

TIRE BEAD BREAKERS

This is the BEST bead breaker made. This portable tool easily breaks down tires on aluminum and steel wheels.

Part No.	Description
MPD18000	15" Bead Breaker
MPD23000	13" Bead Breaker
MPD53000	10" Bead Breaker

TORSION BAR CLEANING TOOL

Keep your torsion bars looking new. Perfect for every tool box. Black anodized.

Part No.	Description
MPD30010	3/4" Aluminum
MPD30011	7/8" Aluminum
MPD30012	1" Aluminum
MPD30013	1-1/8" Aluminum



TORSION BAR BUSHING INSTALL TOOLS

Part No.	Description
MPD30144	7/8"
MPD30142	1"
MPD30140	1.125"



TORSION BAR REAMER

MPD30130

Torsion Bar Reamer is manufactured for accuracy. The heart of the Reamer is its 4340 tool steel industrial cutter. Each flute is precision ground for perfect cutting and accuracy. The stem is made to come apart so it's easy to store. Machined at the handle end is a 3/4" hex so you can easily cut through your bushings.

SPRINT CAR INNER REAR WHEEL COVER

This splined black anodized aluminum inner rear wheel cover fits a 15" diameter wheel. These slide-on splined inner mud covers prevent mud and debris from collecting in the inner wheel.

Part No.	Description
MPD87300	Right Cover
MPD87302	Left Cover



BUMPER / NERF SPUD REPAIR TOOL MPD47500

Fits all Sprint Car 1" & Midget 7/8" bumper and nerf spuds. Simply drive the tool into the damaged or bent spud with a dead blow. Sold each.



ALUMINUM WRENCH MPD46006

MPD Racing's anodized aluminum line wrench has a unique design to allow access in even those hard-to-reach areas. Machined with a 30° angle on one end and a 60° angle on the other, it gets where other wrenches can't. Fully radiused grips offer improved handling comfort. Made from 7075 aluminum, available in -6AN.



3/4" RADIUS ROD WRENCH MPD46001

MPD Racing's 3/4" radius rod wrench is the toughest and highest quality wrench you can buy at any price. Made from 7075 aluminum, this durable wrench is designed to last a lifetime.



APPAREL

MPD TRUCKER HAT MPD90400

Black and blue mesh snap-back hat.



MPD HAT MPD90420

Black hat with velcro enclosure.



KNIT BEANIE MPD90700

Tight woven acrylic knit. 8" tight-fitting cut. One size fits all. Black.



MPD APPAREL

Size

Part No.

MPD Logo T-Shirt

Small

Medium

Large

XL

XXL

MPD90100

When ordering a shirt, make sure to add size next to the part number. Example: **MPD90100S**



Size

Part No.

MPD Logo T-Shirt Softstyle

Small

Medium

Large

XL

XXL

MPD90110

When ordering a shirt, make sure to add size next to the part number. Example: **MPD90110S**



Size

Part No.

MPD Logo Long-Sleeve T-Shirt Softstyle

Small

Medium

Large

XL

XXL

MPD90112

When ordering a shirt, make sure to add size next to the part number. Example: **MPD90112S**



TERMS & CONDITIONS

SHIPPING

Standard FedEx Ground/Home Delivery is available for orders with delivery addresses within the US and territories, excluding PO Boxes and Rural Routes. USPS shipping is available for orders with a PO Box, Rural Route, or APO/FPO/DPO address. Orders shipped to a PO Box or Rural Route will arrive within 7-10 business days and some items are too large to ship USPS.

WARRANTY

MPD Racing warrants each product to be free from defects in both workmanship and materials for a period of ninety (90) days from the date of purchase. Product in question should either be returned to the dealer from which it was purchased, or shipped directly to MPD Racing along with proof of purchase and a complete description of the problem. The product must be returned freight pre-paid; COD's will not be accepted. No parts will be reviewed for inspection if modifications have been made. If, after factory inspection, the part is deemed to be defective, it will be replaced or a refund check will be issued.

DISCLAIMER OF WARRANTY

MPD Racing makes no written, oral, expressed, or implied statement of warranty or guarantee on any product sold, other than for defects in materials or workmanship as stated previously. MPD Racing will not assume liability for personal or property damage resulting from the use or misuse of any product we manufacture or sell, whether on the street or on the race track. Purchase and/or use of these products implies recognition and acceptance of this entire warranty and disclaimer by customer.

HOW DO I RETURN THE PRODUCT?

For fastest results, please click the CONTACT button on our website, www.mpd racing.com. We will issue a Return Goods Authorization (RGA) number. Due to our high sales volume, no returns will be accepted without an RGA number. All returns must be unopened, undamaged, unused, uninstalled and complete with all parts, packing materials and instructions. A credit will be issued using the same payment method used for purchase within 5 business days after the product is returned and inspected.



WARNING! CANCER AND REPRODUCTIVE HARM. WWW.P65WARNINGS.CA.GOV/

Some products in this catalog contain materials listed under California Proposition 65.
For additional details on specific products, visit the MPD Racing website at mpdracing.com.
For additional information on Proposition 65, visit www.p65warnings.ca.gov/

NOTES



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