

TC

PERFORMANCE



TM

THE

WINNING
ELEMENT

SPRINT CAR CATALOG







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WELCOME TO **TI22**

SPECIALIZING IN PERFORMANCE; WE ARE LIGHTWEIGHT, STRONG, LUSTROUS, AND RESISTANT. OUR COMPONENTS RESIST THE ELEMENTS AND BOAST THE HIGHEST STRENGTH-TO-WEIGHT RATIO OF ANY METAL. THIS MAKES US THE PREFERRED CHOICE FOR HIGH-PERFORMANCE RACING.

REAR SUSPENSION

DOUBLE WIDE BIRDCAGES

Made from 7075-T5 aluminum, Ti22's Double Wide Birdcages are among the most innovative cages on the market today. The cages were ultimately created to eliminate bind in the birdcage bearings. Bearing bind, created by twist in the birdcage, absorbs all-important horsepower that could be applied to the rear wheels. By distributing the weight between the two bearings, excess bind is eliminated, allowing for a more efficient transfer of horsepower to the rear wheels. The cages require the standard offset rear torsion arm offered by Ti22 as well as a custom rear axle. The rear axles are available from Winters, DMI, and Frankland.

Part ID	Description
TIP2032	Left-Side
TIP2034	Right-Side
Related Components	
TIP2885	LW Rear Axle, Wide Bearing Surface for Double Wide Bird Cage



TIP2034

PRO BIRDCAGES

Ti22's Pro Birdcages are machined from 7075-T6 aluminum with a 28mm double-row angular contact bearing. The line features standard right and left cages, as well as the new Adjustable Birdcage. The adjustable feature allows for adjustment of the Jacob's Ladder pick-up point to meet changing track conditions, giving racers a competitive edge.

Part ID	Description
TIP2022	Left-Side
TIP2024	Right-Side



TIP2022

TIP2024



REAR SUSPENSION

REPLACEMENT BIRDCAGE COMPONENTS

Identify the part you need and match it with the corresponding part number and description to order. The right column denotes what parts work with each birdcage.

ID	Part ID	Description	Pro	Double Wide
1	TIP2100	Upper Pickup Cone	•	
2	TIP2106	Upper Pickup Cone Bolt	•	
3	TIP2102	Lower Pickup Block	•	
4	TIP2103	Lower Pickup Shoulder Bolt	•	
5	TIP2104	Lower Pickup Screw	•	
6	TIP2105	Lower Pickup Bolt	•	
7	TIP2115	Adjuster Block Set	Adjustable Cages Only	
8	TIP2116	Adjuster Plate Screw	Adjustable Cages Only	
9	TIP2117	Adjuster Plate Lock Nut	Adjustable Cages Only	
10	TIP2110	Standard Cage Bearings	•	
11	TIP2114	DBL Lower Shoulder Bolt	•	
12	TIP2128	DBL Lower Shoulder Bolt Nut		•
13	TIP2112	DBL Upper Pickup Bolt		•
14	TIP2120	DBL Cage Bearing		•
15	TIP2118	Spiral Locking Ring	•	•

7 - Adjuster Block Set



3 - Lower Pickup Block



1 - Upper Pickup Cone



FEATURES:

Tune-n-Loc Adjuster

Move the ladder position in 1/8" increments to raise or lower the roll center quickly and precisely

Built-In Convenience

The built-in level allows you to adjust the birdcage in seconds

Custom Machined Hardware

Hardware is custom machined for radius rod and torsion arm pickups



USING THE ADJUSTABLE FEATURE

For a track that is tacky or has a lot of grip:
Move the Tune-n-Loc adjuster up on the birdcage to create less chassis roll, therefore letting the car roll the corner better.

For a track that lacks grip:
Move the Tune-n-Loc adjuster down on the birdcage to promote more chassis roll creating more sidebite.

RECOMMENDED INCREMENTAL ADJUSTMENTS

- UP 1/2" - Rough or Heavy Surface
- 3/8" -
- 1/4" - Tacky Surface
- 1/8" -
- 0 - Baseline Starting Point
- 1/8" -
- 1/4" - Dry Surface
- 3/8" -
- 1/2" - Very Slick Surface



THE **WINNING ELEMENT**



REAR SUSPENSION

STANDARD BIRDCAGES

Standard sprint car birdcages are made from tough billet 6061-T6 aluminum then black anodized for corrosion resistance. Designed for maximum performance, these birdcages include an angular contact bearing, and come complete with a torsion arm bolt and a radius rod bolt. They feature a 5-1/4" split between the radius rod and the torsion arm. Left-side and right-side units sold individually.

Part ID	Description
TIP2026	Left-Side, 5-1/4" Center-to-Center
TIP2028	Right-Side, 5-1/4" Center-to-Center



NON-WING ADJUSTABLE BIRDCAGES

Designed for use primarily on non-winged sprint cars, these premium-quality adjustable birdcages are made from tough billet 6061-T6 aluminum then black anodized for corrosion resistance. Designed for maximum performance, these birdcages include an angular contact bearing, and come complete with a torsion arm bolt and a radius rod bolt. They feature a 5-1/4" split between the radius rod and the torsion arm. Left-side and right-side units sold individually.

Part ID	Description
TIP2042	Left-Side, 5-1/4" Center-to-Center
TIP2044	Right-Side, 5-1/4" Center-to-Center



REAR SUSPENSION

REPLACEMENT BIRDCAGE COMPONENTS FOR STANDARD AND NON-WING CAGES

Part ID	Description
TIP2030	Bottom Flag
TIP2031	Top Stand-Off
TIP2110	Bearing
TIP2118	Spiral Lock Ring
TIP2029	Brake Mount
TIP2107	Grease Zerk



TIP2030



TIP2031



TIP2029



TIP2107



TIP2110

TIP2118

BIRDCAGE SPACERS

TIP2132 features internal spines to protect the axle where the rotor slides over and space the bird cage out. TIP2130 is used to prevent wear on the bearing shoulder.

Part ID	Description
TIP2130	Right-Side, 0.667" Thick, 2.763" I.D., 3.245" O.D.
TIP2132	Left-Side, 0.185" Thick, 2.763" I.D., 3.236" O.D.



TIP2130

TIP2132

REAR SUSPENSION

STANDARD JACOB'S LADDER

The titanium option significantly reduces part weight by almost 1/2 lb. over the standard chromoly ladder: Titanium = 11.2 oz., Chromoly = 1 lb. 3 oz. All ladders are offered with titanium hardware.

Size	Chromoly	Titanium
13-1/4"	TIP2430	TIP2431
13-5/8"	TIP2433	TIP2434
14"	TIP2436	TIP2437
15"	TIP2438	



ADJUSTABLE JACOB'S LADDER

Ti22's Adjustable Jacob's Ladder has (3) pickup points at 5/8" increments. This provides the ability to make adjustments according to varying track conditions. Move the ladder up (bottom hole) for heavy or rough tracks to let the chassis roll the corners better. Move the ladder down (top hole) on dry, slick tracks to create more sidebite. All ladders are offered with titanium hardware.

Size	Chromoly	Titanium
13-1/4"	TIP2443	TIP2444
13-5/8"	TIP2446	TIP2447
14"	TIP2448	TIP2449

QUICK PIN LADDER KITS

Change your Jacob's Ladder quickly with our Quick Pin Ladder kits. Kits include a 3-3/4" long chassis pin for chassis that have the top and bottom ladder tabs instead of a spud.

Complete Kit Contains:

- (2) 3/8" x 3-3/4" (from bottom of head) Jacob's Ladder pins (titanium or steel) with clips
- 1/2" Pin (titanium or steel) and rae clip with easy-to-remove handle for the Jacob's Ladder to birdcage
- (2) Nylatron spacers for Jacob's Ladder straps

Part No.	Description
TIP1070	Titanium Kit
TIP1075	Aluminum Jacobs Ladder Spacer, 1" Wide, 3/8" I.D.
TIP1076	Nylatron Arm Spacers, Sold in Pairs
TIP1570	Steel Kit
TIP1077	Jacobs Ladder Pin Clip Kit (4)



ADDITIONAL JACOB'S LADDER PARTS AND ACCESORIES

Part ID	Description
TIP2420	Jacob's Ladder Strap w/ Spacers 4 Pk. 7"
TIP2421	Jacob's Ladder Strap 7"
TIP2422	Jacob's Ladder Strap 6"
TIP2423	Jacob's Ladder Strap 6.5"
TIP2424	Jacob's Ladder Strap 7.5"
TIP2425	Carbon Fiber Jacob's Ladder Cover
TIP2427	Titanium Allen-Head Ladder Strap Bolt Kit 1-3/4"



TRANSPONDER MOUNT

TIP2950

Lightweight aluminum transponder mount features a quick release, sleek black anodized finish for corrosion resistance, and can be attached to 1" tubing.



ADJUSTABLE STEERING ARMS WITH STEERING DAMPER MOUNT

The Adjustable Steering Arms are CNC-machined from 2024 aluminum. Combo arms have a 5/16" threaded hole for mounting the steering damper (below).

Part No.	Style	Finish
TIP3011	Right	Aluminum
TIP3010	Right	Black
TIP3021	Combo Left	Aluminum
TIP3020	Combo Left	Black



STANDARD FRONT STEERING ARMS

Ti22 Front Steering Arms are built with 2024 aluminum for strength and durability. 3" mount, 1" offset with a 5-3/4" split. Black or Plain finish.

Part No.	Style	Finish
TIP3024	Combo Left	Black
TIP3025	Combo Left	Plain
TIP3012	Right	Black
TIP3013	Right	Plain



FRONT END

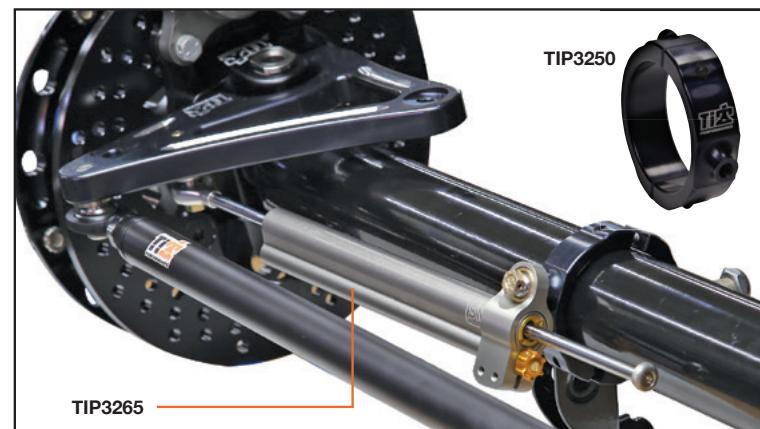


STEERING DAMPER

TIP3265

The sprint car steering damper is designed to keep the front tires stable. Momentum is the key to speed and the front tires lead the way. Unnecessary steering wheel corrections not only disrupt the race car, they cause driver fatigue. Time trials can be extremely important and every hundredth of a second counts. This damper is light, adjustable, and installs in less than 2 minutes.

Part No.	Description
Related Components	
TIP3010	RH Steering Arm, Black
TIP3011	RH Steering Arm, Plain
TIP3020	LH Combo Steering Arm, Black
TIP3021	LH Combo Steering Arm, Plain
TIP3250	Steering Stabilizer Clamp 2-1/2"
TIP3251	Steering Stabilizer Clamp 2-3/8"
TIP3252	Steering Stabilizer Clamp 2-1/4"



FRONT END

ALUMINUM FRONT HUB KITS

These black anodized direct-mount front hubs are forged from weight-saving 2024-T3 aluminum and CNC-machined to precise tolerances. Kits include left hub with rotor mount, right hub without rotor mount, bearings, seals, wheel studs, nuts, and threaded Ti22 screw-in dust caps.

Part No.	Description
TIP2800	Direct-Mount Hub Kit, Standard Bearings, Anodized Black
TIP2801	Wheel Hub, Front, 2 Direct Mount Hubs
TIP2830	Hub Bearing Crush Spacer for Sprint and Midget
TIP1220	Titanium Front Hub Stud Kit
TIP1228	Titanium Nuts



HUB REPLACEMENT COMPONENTS

Part No.	Description
TIP2810	Right-Side Aluminum Hub Only, with Races
TIP2812	Left-Side Aluminum Hub Only, with Races
TIP2813	Screw-In Dust Cap with Ti22 Logo
TIP2815	O-Ring for Screw-In Dust Cap (TIP2813)
TIP2816	Hub Seal, Single Lip (Grease)
TIP2817	Hub Seal, Double Lip (Oil)
TIP2818	Double Lip Oil Seal Shim, 0.009"
TIP2819	Bearing Race, Inner and Outer
TIP2821	Front Hub Bearing
TIP2823	Front Wheel Stud, 3/8"-16
TIP2826	Front Flange Nut, 3/8"-16
TIP2822	Angular Contact Front Hub Bearings, Pair
TIP2832	Low-Drag Seal, Sprint Car Front Hub



FRONT HUB NUT WRENCH

TIP8537

Carbon Fiber front hub wrench. 2-7/8" hex.

HUB BEARING SPACER

TIP2830

Our black anodized steel hub bearing spacers improve a wheel's free spin, lower bearing temperatures, and increases longevity of the bearings by reducing bearing friction.



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FRONT END

OUTLAW ADJUSTABLE CAMBER AXLE

TIP2006

Front Adjustable Camber Axle Assembly is 50" wide x 2-1/2" O.D., with 9° and 12° front spindles and the camber can be adjusted from 0.0 to 1.5°. Natural chromoly. Camber sleeves sold separate.



OUTLAW ADJUSTABLE 50" & 51" FRONT AXLES

Front Axle Assemblies are 50" & 51" wide x 2-1/2" O.D., with 9° and 12° front spindles and adjustable shock towers. Natural chromoly.

Part No.	Length
TIP2010	50"
TIP2011	51"

CAMBER SLEEVES

Camber adjustment is crucial for optimizing tire contact with the road surface, improving handling, and ensuring even tire wear. Ti22's camber sleeves keep the tires in the exact position they are set. Each.

Part No.	Description
TIP2140	0°
TIP2142	1.5°
TIP2144	0.5°
TIP2146	1.0°
TIP2149	Camber Sleeve Removal Tool



STANDARD 50" & 51" FRONT AXLES

Ti22's standard 50" Front Axles are made from 2-1/2" O.D. chromoly tubing. Camber is set at 12° RF and 9° LF. The laser-cut brackets and components are expertly welded for optimal strength, with a black powder-coated or chrome finish for durability.

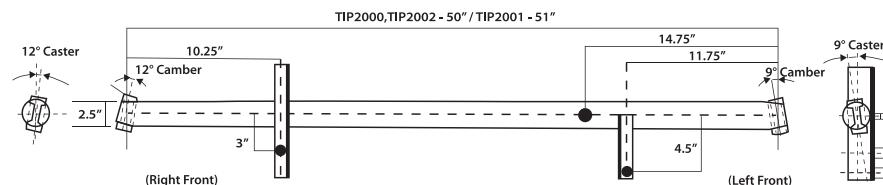
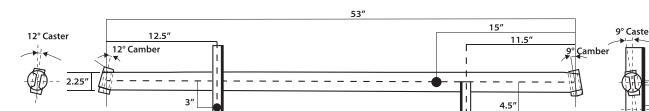
Part No.	Finish	Length
TIP2000	Black	50"
TIP2002	Chrome	50"
TIP2001*	Black	51"
Adjustable Shock Towers		
TIP2003	Black	50"

*51" axle is +1" on the right side.

NON-WING 53" FRONT AXLE

TIP2004

Front Axle Assembly is 53" wide x 2-1/4" O.D., with 9° of caster and camber on the left front and 12° of caster and camber on the right front. Natural chromoly.



TIP2001



TIP2003

FRONT END

LIGHTWEIGHT ALUMINUM SPINDLES

Forged 7075-T6 aluminum 9° spindles with Ti22 logo on the top, 3-1/4" bolt spacing, and straight snouts. Available with either titanium or steel snouts.

Part No.	Description
TIP2850	Black Anodized Spindle with Steel Snout and Lock Nut, Mount, Weighs 2.47 lbs.
TIP2852	Black Anodized Spindle with Titanium Snout and Lock Nut, Mount, Weighs 2.18 lbs.



SPINDLE COMPONENTS

Part No.	Description
TIP2840	Complete Front End Shim Kit
TIP2844	0.005" Steel Spindle Shim Kit
TIP2847	0.030" Steel Spindle Shim Kit
TIP2856	Spindle Steel Lock Nut Steel, Each
TIP2857	Lock Nut Set Screws, Two
TIP2858	Spindle Lock Nut Kit, Keyed Washer Titanium
TIP2860	Spindle Bushing, Each
TIP2864	Hollow Steel King Pin, Each
TIP2865	Hollow Titanium King Pin, Each
TIP2866	Aluminum King Pin Cap, Each
TIP2870	Grease Fitting, 45°, Set of 4
TIP2871	Grease Fitting, Straight, Set of 4
TIP2872	Grease Fitting Flat, Straight, Set of 4



AXLE TETHER KITS

These Ti22 Performance axle tethers are World Of Outlaws, Allstar, and Knoxville approved.

Part No.	Description
TIP2012	Complete 50" Axle Tether Kit: (2) Axle (1) King Pin
TIP2020	Complete Axle Tether Kit: (2) Axle (1) King Pin, 51"- 53" Axle
TIP2013	50" King Pin Tether with Studs
TIP2014	51"- 53" King Pin Tether with Studs
TIP2016	Axle Tether (Pair), Wrap Style
TIP2018	Tether King Pin Stud Kit, Titanium
TIP2019	Tether King Pin Stud Kit, Steel



SPINDLE FASTENER KIT

TIP1083

Spindle fastener bolt kit contains (2) 1/2"-20 thread x 2.100" long hex bolts for the steering arm and (2) 1/2"-20 thread x 2.00" long countersunk Torx-head bolts for the brake bracket.



DRAG LINK TETHER

TIP8540

Drag Link Tether for Sprint Car, 22" long, black.



STEERING

BILLET PITMAN ARMS

TIP3056

Heavy-duty Pitman Arm features a 10° angle broach and is made with 7075 billet aluminum for strength and reduced weight. Black anodized finish.

PITMAN ARMS

Constructed from CNC-machined 0.75" thick 2024 aluminum, Ti22's Pitman Arms are available both straight and with 10° angle broach. The arms are radiused and designed with through-holes to reduce weight. Adjustable from 11-1/8" to 12-1/8".

Part No.	ID Style	Material
TIP3041	10° Broach	Aluminum
TIP3040	10° Broach	Black Aluminum
TIP3045	Straight	Aluminum
TIP3044	Straight	Black Aluminum



HD PITMAN ARMS

Ti22's HD Pitman Arms are machined from 1" thick 2024 aluminum. The arm tapers from 1" to 3/4" to reduce potential flex. Straight or 10° angle broached arms are offered.

Part No.	ID Style	Material
TIP3055	Straight	Aluminum
TIP3054	Straight	Black Aluminum

TIE ROD AND DRAG LINK STUD KITS

Specially designed and manufactured from lightweight titanium, low-profile Allen-head studs eliminate the need to drill out steering arms for clearance. 1/2"-20 thread pattern. Sold in kit form or individually.

Part No.	Description
TIP1160	Tie Rod and Drag Link Studs, Lock Nuts Included, Titanium, Set of 4
TIP1164	Tie Rod and Drag Link Stud Kit, (4) Studs, (4) Nuts, and (4) Spacers
TIP1166	Tie Rod and Drag Link Stud, (1) Stud, (1) Nut, and (1) Spacer



PITMAN ARM BOLTS

TIP1240

Kit includes five titanium bolts to replace standard 3/8"-24 x 1-7/8" hardware found in most torsion and Pitman arms. Bolt kit weighs less than 90 grams.

STEERING

SEAT MOUNTING SPACER KITS

Part No.	Description
TIP4140	Seat Back Spacer Kit, 1/4" to 2", 5 pcs.
TIP4150	Bottom Seat Spacer 1-1/4" bar is for Maxim Chassis
TIP4152	Bottom Seat Spacer 1" bar is for Triple X, Eagle, KPC Chassis
TIP4146	Seat Back Spacer 2" only



TIP4140



TIP4150

ADJUSTABLE STEERING BOX MOUNT

This new adjustable steering mount has multiple holes for getting the steering wheel in the perfect location.

Part No.	Material
TIP3080	Adjustable Clamp-On Top Steering Mount
Replacement Parts	
TIP3083	Shut-Off Mount Fits TIP5585 and MPD76504 Fuel Shut-Offs



TIP3080



TIP3083

ALUMINUM STEERING BOX MOUNTS

Steering box mounts are manufactured from American-made 2024 aluminum. Rigid design keeps steering gear in place. Mounts are offered in three versions.

Part No.	Material
TIP3077	Steering Box Top Mount, MPD Shut-Off on Left
TIP3078	Steering Box Top Mount, Waterman Shut-Off on Left
TIP3079	Steering Box Top Mount, No Shut-Off



TIP3077

TIP3078

TIP3079

HALF BOX STEERING GEAR MOUNTS

TIP3070

Designed for quick installation and removal of the steering gear box. Three hex-cut slots eliminate the need to remove snap ring and end cap, and allow the steering box to slide easily into place. Mounts are CNC-machined from 3/8" thick billet aluminum. Pocketed for strength and weight savings; weighs only 0.54 lbs.



ADJUSTABLE POWER STEERING PUMP MOUNT

TIP3062

The Adjustable Power Steering Pump Mount is machined from 2024 aluminum. The slotted mount makes it easy to locate the power steering pump on different engine configurations.



RADIUS RODS

Ti22 offers 1-1/8" O.D. 6061 aluminum Radius Rods in 1/2" increments from 18" to 25". Rods are available in raw aluminum or with a black anodized finish.

Size	Black Anodized	Raw Aluminum
18"	TIP2500-18	TIP2510-18
18.5"	TIP2500-185	TIP2510-185
19"	TIP2500-19	TIP2510-19
19.5"	TIP2500-195	TIP2510-195
20"	TIP2500-20	TIP2510-20
20.5"	TIP2500-205	TIP2510-205
21"	TIP2500-21	TIP2510-21

Size	Black Anodized	Raw Aluminum
21.5"	TIP2500-215	TIP2510-215
22"	TIP2500-22	TIP2510-22
22.5"	TIP2500-225	TIP2510-225
23"	TIP2500-23	TIP2510-23
23.5"	TIP2500-235	TIP2510-235
24"	TIP2500-24	TIP2510-24
24.5"	TIP2500-245	TIP2510-245
25"	TIP2500-25	TIP2510-25

SUSPENSION



TIP2500-18



TIP2510-18

HD STEEL RADIUS RODS

Beef up your radius rods on the left front side with the new HD Steel Radius Rods for a stronger, more durable part over the standard aluminum rods. These radius rods are made using 1-1/8" O.D. 4130 chromoly and are black powder coated.

Part No.	Size
TIP2520-225	22.5"
TIP2520-23	23"
TIP2520-235	23.5"



ROD ENDS

Rod ends can be purchased individually, or in 10 packs.

Part No.	Description	Size
TIP8250	Aluminum RH Male Black	1/2"ID x 5/8" Thread
TIP8250-10	Aluminum RH Male Black 10 Pk.	1/2"ID x 5/8" Thread
TIP8251	Aluminum LH Male Black	1/2"ID x 5/8" Thread
TIP8251-10	Aluminum LH Male Black 10 Pk.	1/2"ID x 5/8" Thread
TIP8260	Narrow Head Moly RH Male Black	1/2"ID x 5/8" Thread
TIP8261	Narrow Head Moly LH Male Black	1/2"ID x 5/8" Thread
TIP8264	4130 Chromoly RH Male	1/2"ID x 5/8" Thread
TIP8265	4130 Chromoly LH Male	1/2"ID x 5/8" Thread
TIP8266	Gold Steel RH	1/2"ID x 5/8" Thread
TIP8267	Gold Steel LH	1/2"ID x 5/8" Thread



TIP8250

TIP8264

TIP8266

JAM NUTS

Jam nuts can be purchased in 4 packs or 10 packs.

Part No.	Description	Size
TIP8270	Aluminum 4 Pk.	5/8"-18" RH Thin
TIP8270-10	Aluminum 10 Pk.	5/8"-18" RH Thin
TIP8271	Aluminum 4 Pk.	5/8"-18" LH Thin
TIP8271-10	Aluminum 10 Pk.	5/8"-18" LH Thin
TIP8272	Aluminum Black 4 Pk.	5/8"-18" RH Thin
TIP8272-10	Aluminum Black 10 Pk.	5/8"-18" RH Thin
TIP8273	Aluminum Black 4 Pk.	5/8"-18" LH Thin
TIP8273-10	Aluminum Black 10 Pk.	5/8"-18" LH Thin
TIP8276	Steel 4 Pk.	5/8"-18" RH Thin
TIP8276-10	Steel 10 Pk.	5/8"-18" RH Thin
TIP8277	Steel 4 Pk.	5/8"-18" LH Thin
TIP8277-10	Steel 10 Pk.	5/8"-18" LH Thin



TIP8270

TIP8271

TIP8272

TIP8273

TIP8276

TIP8277



THE **WINNING ELEMENT**



SUSPENSION

TIE RODS & DRAG LINKS

Ti22's Tie Rods and Drag Links are made using high-strength 1-1/8" O.D. 4130 chromoly tubing.

Part No.	Material	Size	Color	Thread
Tie Rods				
TIP3100-46	Chromoly	46"	Black	5/8"-18
TIP3100-47	Chromoly	47"	Black	5/8"-18
TIP3100-48	Chromoly	48"	Black	5/8"-18
TIP3100-49	Chromoly	49"	Black	5/8"-18
TIP3100-50	Chromoly	50"	Black	5/8"-18
TIP3100-51	Chromoly	51"	Black	5/8"-18
TIP3110-46	Chromoly	46"	Chrome	5/8"-18

Part No.	Material	Size	Color	Thread
TIP3110-47	Chromoly	47"	Chrome	5/8"-18
TIP3110-48	Chromoly	48"	Chrome	5/8"-18
TIP3110-49	Chromoly	49"	Chrome	5/8"-18
TIP3110-50	Chromoly	50"	Chrome	5/8"-18
TIP3110-51	Chromoly	51"	Chrome	5/8"-18
S-Bend Drag Links				
TIP3101-49	Chromoly	49"	Black	5/8"-18
TIP3101-50	Chromoly	50"	Black	5/8"-18
TIP3111-49	Chromoly	49"	Chrome	5/8"-18
TIP3111-50	Chromoly	50"	Chrome	5/8"-18

TIP3100-46



TIP3110-46



TIP3101-49



DRAG LINK TETHER

TIP8540

Drag link tether for sprint car, 22" long, black.



DRAG LINK / TIE ROD STUD KIT

Titanium studs thread into steering and Pitman arms to properly mount steering links. Kit includes (4) 1/2"-20 studs and (8) nylon locking half-nuts.

Part No.	Description
TIP1160	Titanium Kit with Nuts
TIP1164	Button-head Style Kit with Nuts
TIP1166	Button-head Stud with Nut



RADIUS ROD STUD KIT

Radius rod studs feature 1/2-20 threads and are 3-1/4" long. Kit includes (6) one-nut studs and (12) nylon locking half-nuts.

Part No.	Description	Material
TIP1180	1/2"-20, 3.250" Long, Kit	Titanium
TIP1186	1/2"-20, 3.250" Long, Each	Titanium
TIP1196	1/2" Nuts, Black 10 Pk.	Steel



ROD END SPACER KITS

Spacers are made from steel or aluminum and have many uses including spacing rod ends on linkages to prevent binding or provide clearance. Packages of 2.

Part No.	Description	Thickness
TIP8210	Cone Spacers Steel	1/2" I.D. x 1/4" Long
TIP8211	Cone Spacers Steel	1/2" I.D. x 3/8" Long
TIP8212	Cone Spacers Steel	1/2" I.D. x 1/2" Long
TIP8213	Cone Spacers Steel	1/2" I.D. x 3/4" Long
TIP8214	Cone Spacers Steel	1/2" I.D. x 1" Long
TIP8220	Cone Spacers Aluminum	1/2" I.D. x 1/4" Long
TIP8221	Cone Spacers Black	1/2" I.D. x 1/4" Long
TIP8221-10	Cone Spacers Black 10 Pk.	1/2" I.D. x 1/4" Long
TIP8222	Cone Spacers Aluminum	1/2" I.D. x 1/2" Long
TIP8223	Cone Spacers Aluminum	1/2" I.D. x 3/4" Long
TIP8224	Cone Spacers Aluminum	1/2" I.D. x 1" Long

TIP8210



TIP8224



TIP8221



TORSION ARMS



TIP2364

TIP2363



LASER ETCHED FOR
PRECISION MEASUREMENT



TIP2360

Standard



TIP2370



TIP2374

HD



TIP2372

S-Bend



TIP2373

FRONT TORSION ARMS

Ti22's arms are constructed of high-strength 2024 aluminum, or strong 4130 billet steel. The arms have been precisely radiused to reduce excess weight while maintaining strength and durability. The left S-Bend Arms allow for more oversteer clearance on the left front tire—great for non-wing sprint cars! Right torsion arm is 16-3/4" from center of torsion bar hole to end. Left torsion arm is 18-3/4" from center of torsion bar hole to end.

Part No.	Style	Material
TIP2361	Standard Right	Aluminum
TIP2360	Standard Right	Aluminum Black
TIP2362	HD Right	Aluminum Black
TIP2363	Right Front	4130 Billet Steel
TIP2364	Left Front	4130 Billet Steel
TIP2374	HD Left	Aluminum Black
TIP2366	Angle Broached, Right	Aluminum Black
TIP2371	Standard Left	Aluminum
TIP2370	Standard Left	Aluminum Black
TIP2373	S-Bend Left	Aluminum
TIP2372	S-Bend Left	Aluminum Black

TORSION ARMS

REAR TORSION ARMS

Torsion Arms (2330/2332) are made from 4130 steel; it won't change torsion bar rates but maintains flexibility. These arms stay strong even with high exhaust heat, reducing twisting under pressure.

Part No.	Style	Material
TIP2330 NEW	Billet Right	4310 Steel (Black)
TIP2332 NEW	Billet Left	4310 Steel (Black)



REAR TORSION ARMS

Precision-engineered design and high-strength 2024 aluminum results in the most durable and reusable torsion arms available. Billet models are CNC-machined from a solid block of 2024 aluminum for added strength and stiffness. Left torsion bars measure 15" from center of torsion hole to end, with a 3-1/4" offset. Right torsion arms measure 13-1/4" from center of torsion hole to end, with a 5" offset.

Part No.	Style	Material
TIP2301	Standard Right	Aluminum
TIP2300	Standard Right	Aluminum Black
TIP2311	Standard Left	Aluminum
TIP2310	Standard Left	Aluminum Black
TIP2321	Billet Left	Aluminum Black
TIP2323	Billet Right	Aluminum Black



PINCH BOLTS

TIP1240

Spice up your rear arms with titanium pinch bolts. 3/8"-24" x 1.875" Long



TORSION STOPS

TORSION STOPS

With multiple options available, Ti22 has torsion stops for any budget, from lightweight aluminum to titanium for the ultimate in performance. Feature 1-3/4" split. Aluminum stops include steel pinch bolt and adjuster bolt. Chromoly stops include steel pinch bolt and steel adjuster bolt, and titanium models include titanium hardware. See below for upgraded titanium adjuster bolt.

Part No.	Material
TIP2381	Aluminum
TIP2382	Aluminum Black
TIP2380	4130 Chromoly
TIP2383	Deluxe titanium stop
TIP2384	Standard titanium stop



HARDWARE FOR TITANIUM / CHROMOLY / ALUMINUM STOPS

Part No.	Description
TIP2388	Grade 8 Steel Adjuster Bolt 7/16"-20 thread 2.000" long
TIP2389	Titanium Adjuster Bolt 7/16"-20 thread 1.750" long



TORSION ARM STOP KIT

TIP2350

Black anodized aluminum/steel threaded rod-style kit. Sold each.



TORSION ARM AND STOP RETAINING KIT

TIP2355

This kit holds torsion arm and stop in place if pinch bolts loosen or break. Black. Sold in pairs.



TITANIUM TORSION ARM REPLACEMENT BOLTS

TIP1240

Keep extra bolts on hand. Lightweight, high-strength titanium.



TORSION ARM BUSHINGS

Manufactured from friction-reducing bronze or lightweight, durable plastic. Bushing has a 1-1/8" I.D. and 0.095" wall. Sold each or in packs of ten.

Part No.	Description
TIP2340	0.095" Bronze
TIP2340-10	0.095" Bronze, 10 Pk.
TIP2342	0.095" Nylon
TIP2342-10	0.095" Nylon, 10 Pk.



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TITANIUM 22

UNRIValed
UNBRIDLED
UNRELENTING

TI22 PERFORMANCE IS
THE LEADER OF
HIGH-PERFORMANCE
RACING PARTS. WE ARE
TI22, WE ARE THE
WINNING ELEMENT



¶

TI22

LOWER REAR-TO-SHOCK KIT

TIP1170

Shock stud kits include two studs with large support cones and two nylon locking half-nuts to mount shock to most rear torsion arms. Studs and nuts weigh less than 50 grams.



DRAG LINK / TIE ROD STUD KIT

TIP1160

Kit includes four studs with nylon locking half-nuts that thread into steering and Pitman arms with 1/2"-20 threads to properly mount steering links. 2-1/2" long.



TIE ROD AND DRAG LINK KITS

Specially designed and manufactured from lightweight titanium, low-profile Allen-head studs eliminate the need to drill out steering arms for clearance. Sold in kit form or individually.

Part No.	Description
TIP1164	Tie Rod and Drag Link Stud Kit, (4) Studs, (4) Nuts, and (4) Spacers
TIP1166	Tie Rod and Drag Link Stud, (1) Stud, (1) Nut, and (1) Spacer



SHOCK STUD KIT

TIP1060

Shock stud kit includes (4) studs and (4) nylon locking half-nuts to mount shock to chassis or front axle. 2" studs have 1/2"-20 threads that thread directly into pre-threaded bungs.



BUMPER BOLT KIT

TIP1102

Kit contains (14) #10-32 x 1-1/2" hex-head bolts and (14) nylon lock nuts for mounting bumpers or nerf bars.



TITANIUM

TITANIUM JET NUTS

TIP1190

1/2"-20 thread, 9/16" head.



FRONT CALIPER MOUNT BOLTS

TIP1084

Front caliper mount bolts are 2" long with 1/2"-20 thread.



SHOCK MOUNT STUD KIT

TIP1060

Shock mounting stud kit includes (4) 1/2-20" x 2" long titanium studs with (4) lock nuts.



BEAD LOCK BOLT KIT

TIP1010

Titanium bolt kit includes (16) lightweight 5/16"-18 x 1" long hex-head bolts for added weight savings.



SHOCK STUD FOR DOUBLE TOWER

TIP1068

Engineered exclusively for 2017 and newer Triple X sprint chassis utilizing billet, double-hole front shock towers, super-light titanium stud has 1/2"-20 threads and includes a built-in shock spacer.



FRONT ROTOR BOLTS

TIP1080

Bolts are 1/2"-20 thread x 1" long.



U-JOINT BOLT KIT

TIP1140

For the weight-conscious racer, kit includes (4) 7/16"-20 x 7/8" long premium titanium fasteners.



WHEEL CENTER BOLT KIT

TIP1015

Titanium bolt kit includes (15) lightweight 5/16"-24 x 1" long hex-head bolts for added weight savings.



FUEL CELL TOP PLATE BOLT KIT

TIP1218

Top plate titanium bolt kit, 12.25" x 7/8" button.



FUEL CELL BOLT KIT

TIP1215

Sprint car fuel cell titanium bolt kit. 5/16"-18 x 3/4" long. 12-point head. Set of (4) bolts.





SPINDLE NUT KIT

TIP2858

Titanium locking spindle nut with keyed washer and screws for 10° spindles. This spindle nut is super strong and lightweight.

SPINDLE FASTENER

TIP1083

Spindle fastener bolt kit contains (2) 1/2"-20 x 2.100" long hex bolts for the steering arm and (2) 1/2"-20 x 2.000" long countersunk Torx head bolts for the brake bracket.



ROCK SCREEN CLAMP BOLTS

TIP1210

Required to retain the rock screen, 1/4"-20 x 3/4" long bolts are manufactured from lightweight titanium. Sold per pair.



FUEL PUMP BOLT KIT

TIP1136

Kit includes specialized, lightweight titanium hex-head fasteners to retain the fuel pump.



TETHER KING PIN KIT

TIP2018

Kit includes (2) titanium king pin studs and nuts.



FRONT HUB STUD KIT WITH NUTS

TIP1220

Used to secure the front hubs, kit includes (5) button head, 3/8"-16 x 1-1/4" long titanium studs and (5) flanged hex-head titanium nuts.



TITANIUM

QUICK RELEASE STEERING WHEEL BOLT KIT

TIP1020

Quick release bolt kit, 5/16"-18 x 1/2" hex, titanium.



TORSION STOP BOLT WITH NUT

TIP2389

Lightweight titanium, 7/16"-20 hex head bolt is 1-3/4" long and is sold complete with a hex-head nut, allowing precise adjustments with a 9/16" wrench. Specially-relieved bolt end prevents mushrooming.



FRONT HUB FLANGE NUTS

TIP1228

Used to retain the front hubs, flanged, hex-head titanium nuts have 3/8"-16 threads and are sold in a set of five. The same flange nuts are included in the TIP1220 kit.



TORSION AND PITMAN ARM BOLT KIT

TIP1240

Kit includes (5) 3/8"-24 x 1-7/8" long, hex-head titanium pinch bolts required to secure Pitman/torsion arms. Set of five complete with AN washers.



THE **WINNING ELEMENT**

23

TITANIUM

JACOB'S LADDER BOLT KIT WITH FLAT HEADS

TIP2427

Required to retain a Jacob's Ladder, lightweight titanium bolt kit includes (2) flat-head 3/8"-24 x 1-7/8" long Allen bolts and (2) 3/8"-24 flanged hex nuts.



HEADER STUD KIT

TIP1120

Header stud kit bolts are 3/8"-16 base thread with 3/8"-24 top thread and are 1-1/2" long. Set of (14) studs and (14) 12-point nuts.



MOTOR PLATE BOLT KIT

TIP1110

Motor plate bolt kit includes (4) titanium 3/4"-24 Allen head screws with jet nuts.



JACOB'S LADDER QUICK PIN KIT

TIP1070

Kit includes (2) 3/8" x 3-3/4" pins, (1) 1/2" pin, (2) spacers, and clips.

HEADER FLANGE NUT SET

TIP1124

Titanium 3/8"-24 (fine thread) nuts feature 12-point heads for improved wrenching. Set of 14. Accompanying studs must be purchased separately.



RADIUS ROD STUD KIT

TIP1180

Radius rod stud kit bolts are 1/2"-20 x 3-1/4" long.



TITANIUM

TORQUE TUBE STUD KIT

TIP1050

Made of grade 5 titanium, Ti22's studs are 1-7/8" in length, have a 3/8"-16 base thread, and a 3/8"-24 top thread. Kit includes six (6) each of titanium studs, washers, and locknuts.



TORQUE TUBE NUTS

TIP1054

Titanium torque tube nuts have 3/8"-24 in threads and 12-point heads for improved wrenching. Set of 6.



TORSION STOP

TIP2383

The titanium Torsion Stop features a 1-3/4" split. Made from high-grade titanium, the stop saves 5.6 oz. per stop over the steel stop. Includes adjuster bolt and clamp bolt.



TITANIUM KING PINS

Part No.	Description
TIP2865	5/8" Diameter Hollow King Pin, Each
TIP2866	Aluminum King Pin Cap 0.856" dia, Each



TIP2866



TIP2865

BRAKE AND THROTTLE PEDALS

Lightweight and strong, Ti22 Titanium Brake and Throttle Pedal Levers are available with 0" and 1" rise for raised rail cars.

Part No.	Description
TIP4002	0" Raised Rail Brake Pedal, 14-1/2" long from second hole, and 5-1/4" wide
TIP4000	1" Raised Rail Brake Pedal, 13-1/2" long from second hole, and 5-1/4" wide
TIP4105	Throttle Pedal, Frame-Mounted



TIP4000



TIP4105

TITANIUM

ROCK SCREEN

Constructed of lightweight titanium rod, Ti22's Rock Screen provides dependable protection from rocks and other debris.

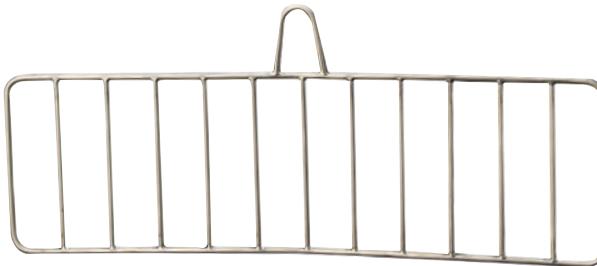
Part No.	Description
TIP4021	Rock Screen Standard Cage (Titanium)
TIP4022	Rock Screen Tall Cage (Titanium)
TIP4122	Rock Screen Tall Cage (Steel)
Replacement Parts	
TIP4125	Aluminum Rock Screen Clamp 1-3.8" w/ Bolts
TIP4126	Rock Screen Clamp w/ Bolts
TIP1210	Titanium Rock Screen 1-3/8" Bolts, Pk. of 2



TIP1210



TIP4126



TIP4021



TIP4022

MINI-SPRINT/MIDGET

ROCK SCREEN

Engineered for Mini-Sprints or Midgets, Rock Screen is 22-3/4" x 8-1/2" in size and manufactured from lightweight titanium rod. Offers the driver superior protection from rocks and debris.

Part No.	Description
TIP3885	Rock Screen
Replacement Parts	
TIP3886	Rock Screen Clamp 1-1/4"



TIP3886



TIP3885



TITANIUM

WING TREE

Save more than a 1/2 lb. by using the titanium wing tree rather than chromoly version. 16" tall.

Part No.	Description
TIP6002	Titanium Wing Tree with Inserts
TIP6012	Titanium Wing Tree Insert
TIP6005	Titanium Wing Tree, Round with Inserts



STANDARD NOSE WING POSTS

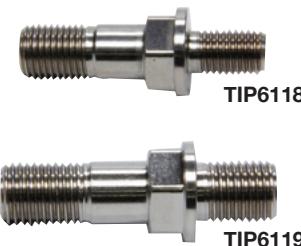
TIP6103

Ti22's Standard Nose Wing Post is now offered in lightweight titanium to reduce weight even further, without sacrificing strength. 13" long with a 1" offset. Sold individually.



WING CYLINDER STUDS

Part No.	Description
TIP6118	Titanium 3/8" x 24"
TIP6119	Titanium 5/16" x 24"



TOP WING PIN KITS

Part No.	Description
TIP6115	1" Long x 1/4" O.D.
TIP6116	5/8" Long x 1/4" O.D.
TIP6117	7/8" Long x 1/4" O.D.



BRAKES AND PEDALS



SEAT BACK AND BOTTOM MOUNTING SPACER KIT

Part No.	Description
TIP4140	Seat Spacer Kit, 1/4" to 2", 5 pcs. Back
TIP4146	Seat Spacer, 2" only, Back
TIP4152	Seat Spacer, 1" Bar, 3 pcs. Bottom
TIP4150	Seat Spacer, 1-1/4" Bar, 3 pcs. Bottom

HEEL RISERS

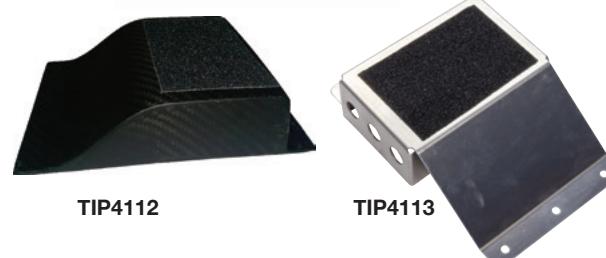
Heel risers measure 4-1/2" wide and provide the driver with improved comfort and pedal feel. Choose from various heights, in carbon fiber or aluminum. Non-skid pad included.

Part No.	Style
TIP4107	Aluminum, 0.5" Tall, 4.25" Wide
TIP4108	Black Anodized Aluminum, 0.5" Tall, 4.25" Wide
TIP4109	Carbon Fiber, 0.5" Tall, 4.25" Wide
TIP4110	Carbon Fiber, 1" Tall
TIP4111	Aluminum, 1" Tall
TIP4112	Carbon Fiber, 1-1/2" Tall
TIP4113	Aluminum, 1-1/2" Tall
TIP4114	Black Anodized Aluminum, 1" Tall
TIP4115	Black Anodized Aluminum, 1-1/2" Tall
TIP4116	Black Anodized Aluminum, 2" Tall
TIP4117	Carbon Fiber, 2" Tall
TIP4118	Aluminum, 2"

BRAKE AND THROTTLE PEDALS

Ti22 Brake Pedals are offered for 0" and 1" raised rail cars. Both titanium and chromoly options are offered. Brake pedal levers and 5-1/4" wide.

Part No.	Style	Material
TIP4002	Brake Pedal Straight Rail, 14-1/2" long from second hole	Titanium
TIP4001	Brake Pedal 1" Raised Rail, 13-1/2" long from second hole	Chromoly
TIP4000	Brake Pedal 1" Raised Rail, 13-1/2" long from second hole	Titanium
TIP4105	Throttle Pedal, Frame-Mounted	Titanium
TIP4100	Throttle Pedal, Frame-Mounted	Chromoly
TIP4103	Throttle Pedal, Floor-Mounted, Plain	Aluminum
TIP4104	Throttle Pedal, Floor-Mounted, Black	Aluminum
TIP4002	0" Raised Rail Brake Pedal, 14-1/2" long from second hole, and 5-1/4" wide	Titanium
TIP4000	1" Raised Rail Brake Pedal, 13-1/2" long from second hole, and 5-1/4" wide	Titanium
TIP4105	Throttle Pedal, Frame-Mounted	Titanium



BRAKE ROTORS AND REAR MOUNTS

Durable billet aluminum adapters accept most popular rotors. Designed for rear inboard mounting, adapters are black anodized. Sold individually.

Part No.	Style
TIP4015	2.750" x 42-spline center and 8 x 7.00" Bolt Pattern
TIP4018	3" X 5" 42-spline center and 6.50"W x 0.30"H x 9.00"L
TIP4060	10" Aluminum Front Brake Rotor, 3-Lug
TIP4062	11" Aluminum Front Brake Rotor, 3-Lug



BRAKES AND PEDALS



BRAKE ROTOR

TIP4066

Chromoly left front brake rotor. 10.250" O.D. x 0.375" thick.



BRAKE ROTOR ADAPTER

TIP4025

Lightweight inboard brake clamp is made from 7075 aluminum. 8 x 7" rotor bolt pattern. Kit comes complete with (8) 5/16"-18 bolts and floating T-nuts.



BRAKE HUB BOLT AND LOCK

TIP4026

Replacement bolt and T-nut for TIP4025. Set includes (1) bolt and (1) T-nut.



BRAKE ROTOR BOLT KIT

TIP1096

Titanium replacement bolts for TIP4025.

Set of (8) 5/16"-18 x 3/4" bolts.



CALIPER MOUNTING BOLTS

Allen-head bolts, 1/2"-20 x 2", available in steel or titanium.
Sold in kits of 2.

Part No.	Style
TIP1084	Titanium Kit



TIP1084

BRAKES AND PEDALS

STAUBLI DRY BRAKE

Staubli premium dry brakes offer a superior seal and will not lose pressure during use.

Part No.	Style
TIP4500	-3AN Complete Kit
TIP4501	-3AN Male Side Fitting Only
TIP4502	-3AN Female Side Fitting Only



TIP4500

DRY BRAKE

Designed to provide quick brake line disconnection without fluid loss or air ingestion. Aluminum dry brake couplings are offered in -3AN or -4AN versions.

Part No.	Style
TIP4510	-3AN Dry Brake Coupling
TIP4515	-4AN Dry Brake Coupling



TIP4510

FRONT CALIPER MOUNT

CNC-machined from 2024 aluminum. The caliper mount holes are spaced at 3-1/4" and will work with 10-1/8" and 10-7/8" rotors. Steel mounting bolts included.

Part No.	Style
10-1/8" Rotors	
TIP4012	Black

Part No.	Style
10-7/8" Rotors	
TIP4010	Black
TIP4011	Clear



TIP4012

HD FRONT CALIPER MOUNTS

Heavy-duty aluminum bolt-on front brake caliper mounts fit 3-1/4" lug mount calipers. Available for 10" or 11" rotors and with black or clear anodized finish. Sold each.

Part No.	Description
TIP4006	10" Black Anodized
TIP4007	10" Clear Anodized
TIP4008	11" Black Anodized
TIP4009	11" Clear Anodized



TIP4006

BRAKE MOUNT

TIP2029

Brake mount for standard and non-wing birdcages. Adding a right rear brake gives you maximum stopping power.



BACK



BRAKES AND PEDALS

FRONT ROTOR BOLTS

Allen-head bolts, 1/2"-20 x 1", available in steel or titanium.
Sold in kits of 3.

Part No.	Style
TIP1580	Steel Kit
TIP1080	Titanium Kit



LINE CLAMPS

Billet aluminum brake line clamps for ultimate security.
No more electrical tape.

Part No.	Description
TIP4531	Brake Line Clip 1.25" Black Stainless Steel, Pair
TIP4530	1.25" I.D., Black Anodized Aluminum
TIP4532	1.38" I.D., Black Anodized Aluminum
TIP4534	1.5" I.D., Black Anodized Aluminum



TIP4531



TIP4534

SPINDLE FASTENER

TIP1083

Spindle fastener bolt kit contains (2) 1/2"-20 x 2.100" long hex bolts for the steering arm and (2) 1/2"-20 x 2.000" long countersunk Torx head bolts for the brake bracket.



MASTER CYLINDER RETURN SPRING KIT

Engineered to prevent the driver from overheating the brakes, high-strength coil spring is sold complete with retainer. Fits all master cylinders.

Part No.	Style
TIP4219	Natural
TIP4220	Black



TIP4219



TIP4220

BRAKE HOSE

Constructed from the same material bulletproof vests are made from. These Kevlar brake lines are the strongest brake lines on the market. They are very flexible and feature crimp swaged straight aluminum ends.

Part No.	Description
TIP4520-17	17" Long
TIP4520-18	18" Long
TIP4520-21	21" Long
TIP4520-24	24" Long
TIP4520-36	36" Long
TIP4520-48	48" Long
TIP4520-60	60" Long



THE **WINNING ELEMENT**



DRIVE LINE

TORQUE TUBE STUD KIT

TIP4709

These 1-7/8" long cadmium-plated studs are made with a 3/8"-16 base thread and a 3/8"-24 top thread. Includes washers and lock nuts. They are sold in sets of six.



TIP4710

DRIVE SHAFTS

Part No.	Description
TIP4750	Drive Shaft 29" 10-16 spline, hollow steel
TIP4752	Drive Shaft 32" 10-16 spline, hollow steel



TORQUE TUBE

TIP4702

Made from lightweight, high-strength 6061-T6 aluminum, the Ti22 torque tube is 2.900" in diameter, 26-3/4" long, and fits any 40" car. Black anodized.

U-JOINTS

Standard-duty U-joint assemblies are exceptionally lightweight, while remaining very durable. Black anodized billet aluminum units are offered with choice of 16- or 32-spline with four-bolt flanges, are fitted with Spicer U-joints, and mate to the rear of Chevy or Chrysler engines. Sold complete with premium fasteners.

Part No.	Description
TIP4730	16 Spline
TIP4732	32 Spline

Replacement Components

TIP4731	Universal Joint Spring Kit for TIP4730
TIP4733	Universal Joint Spring Kit for TIP4732
TIP4734	Universal Joint, 1-1/16" Cap, 3-7/32" Across
TIP4737	Universal Joint, 1-1/16" Cap, 3-1/4" Across, Clips Included, Pair
TIP4738	Universal Joint U-Bolt Kit, Long
TIP4739	Universal Joint U-Bolt Kit, Short, Nuts / Washers Included



TIP4730

TORQUE BALL HOUSING KIT

TIP4710

Assembly includes stamped steel firewall housing, hydroformed aluminum torque ball, rubber torque ball dust boot, forged aluminum retaining collar, and 4 highnuts. Weighs 4 lbs. 2 oz.

Part No.	Description
Replacement Components	
TIP4720	Aluminum Torque Ball, Hard Anodized for Steel Housing Only
TIP4722	Forged Aluminum Retaining Collar
TIP4724	Highnut for Torque Ball Housing, Steel, 4-Pk.
TIP4728	Rubber Torque Ball Dust Boot
TIP1050	Torque Tube Stud Kit
TIP1054	Torque Tube Nuts, 3/8"-24 Thread, 12-Point, Titanium, Set of 6



TIP4714



TIP4712

BILLET ALUMINUM TORQUE BALL HOUSING AND BALL

These housings are very rigid and strong to retain debris in the event of a U-joint failure. The torque ball is CNC-machined for strength and durability.

Part No.	Description
TIP4712	Billet Housing
TIP4714	Torque Ball for Billet Housing
TIP4726	Stud Kit, Set of 4



TIP4735

HD ALUMINUM U-JOINT CHEVY / CHRYSLER

TIP4735

Heavy-duty billet aluminum assembly features 16-spline or a 32-spline and four-bolt flange, and is designed to endure the rigors of open wheel racing. Fitted with a premium Spicer U-joint, CNC-machined assembly is black anodized for corrosion resistance and mates to the rear of Chevy or Chrysler engines. Sold complete with premium fasteners.

Part No.	Description
TIP4735	32-spline
TIP4740	16-spline

WHEELS

SPLINED REAR WHEEL CENTER

This 100% CNC-machined black wheel center is manufactured from forged 2024-T3 aluminum. Fits most popular brands of Wide 5 rear wheels, and is stronger than the original center. Sold individually.

Part No.	Description
TIP2890	Splined Rear Wheel Center
Replacement Component	
TIP2898	Threaded Wheel Insert, 1/4"-20 Self-Clinching



TIP2890

TIP2898



AXLE SPACER KIT

TIP2880

AXLE WHEEL NUT

Engineered exclusively for sprints, wheel nuts are manufactured from rigid billet aluminum with a black powder-coated finish. Sold each.

Part No.	Description
TIP2876	Rear Axle Wheel Nut, LH Threads
TIP2877	Rear Axle Wheel Nut, RH Threads
TIP2878	Axle Nut, LH Lightweight Alum Red
TIP2879	Axle Nut, RH Lightweight Alum Red



SPRINT INNER WHEEL COVER

The new splined black anodized aluminum inner wheel cover is designed specifically for sprint cars and fits a 15" diameter wheel.

Part No.	Description
TIP4460	Right-Cover, 14.25" Splined
TIP4462	Left-Cover, 12.75" Splined



DISCONNECTS AND COMPONENTS

Wheel disconnects allow for use of pneumatic bleeders to maintain constant air pressure and consistent stagger, and can also be used for quick filling. Available in black aluminum or white plastic, and sold individually or in sets of 4. Additional accessories and replacement parts also available.

Part No.	Description	Material
TIP4400	Wheel Disconnect	Black Aluminum
TIP4402	Wheel Disconnects, 4 Pk	Black Aluminum
TIP4404	Wheel Disconnect	Plastic
TIP4406	Wheel Disconnects, 4 Pk	Plastic
TIP4408	Sealing Washers, 4 Pk	Steel/Rubber

Part No.	Description	Material
TIP4409	Valve Grommets, 4 Pk	Rubber
TIP4410	Bleeder Plugs, 2 Pk	Plastic
TIP4413	Thread-On Bleeder Screen	Aluminum
TIP4415	Schrader Valves, 2 Pk	Aluminum
TIP4417	Bleeder Hose End	Aluminum



TIP4400



TIP4404



TIP1010

WHEEL COVER RETAINING BOLT KIT

Offered with choice of steel or lightweight titanium bolts, kits include the necessary screw-in inserts, rivets, "E"-clips, and bolts to retain one mud cover to wheel.

Part No.	Description
TIP4440	Wheel Cover Retaining Bolt Kit, Steel
TIP4442	Wheel Cover Retaining Bolt Kit, Titanium





T H E

W I N N I N G

E L E M E N T



Ti22 Performance is the leading manufacturer of high-performance racing parts for sprint car racing teams around the globe. With a superior line of products designed to outperform and outlast the competition, Ti22 Performance has set new standards with some of the strongest and lightest components on the market.

Our mission at Ti22 Performance is to continually improve our process, minimize transaction times, and ensure seamless customer service. We strive to optimize our product line with the highest quality, lightweight components to give you the performance edge on the track. Our research and development program supports our ongoing commitment to raise the bar across the industry for strength and durability, and provide our customers with the best performing parts on the market today.



WING

WING TREES

Ti22's Wing Tree is designed to be a lightweight addition. With an extra inch added to the length, the tree is able to achieve the wing angles needed for a variety of wings. Both titanium and chromoly versions are offered. The Wing Tree inserts are fabricated with 1/4" offset to accomodate varying tab dimensions. The tree comes with bottom inserts for easy wing adjustment.

Part No.	Style	Material
TIP6000	Top Wing Tree Assembly 16"H x 26"W	Black Steel
TIP6001	Top Wing Tree Assembly 16"H x 26"W	Plated Steel
TIP6002	Top Wing Tree Assembly 16"H x 26"W	Titanium
TIP6004	Aero Wing Tree Assembly 16"H x 26"W	Black Steel
TIP6006	Aero Wing Tree Insert	Black Steel
TIP6010	Wing Tree Insert Black	Black Steel
TIP6011	Wing Tree Insert Plated	Plated Steel
TIP6012	Wing Tree Insert, Sold as Pair	Titanium

AERO WING TREES

Engineered to place the wing at the optimum angle for wedge-style sprint chassis, the Aero Wing Tree is constructed from durable 4130 steel and black powder finished. The "X" design adds strength, while 3/4" holes provide up to 3" of adjustment. Adjuster pins must be purchased separately.

Part No.	Description	Material
TIP6004	Aero Wing Tree with Pins, 16"	Black Steel
TIP6005	Aero Wing Tree with Pins, 16"	Titanium
Related Components		
TIP6006	Aero Wing Tree Insert	Black Aluminum
TIP6117	Top Wing Pin	7/8" x 1/4" Titanium
TIP6118	Wing Cylinder Stud	5/16"-24 Titanium
TIP6119	Wing Cylinder Stud	3/8"-24 Titanium

MANUAL WING SLIDERS

Manual sliders allow easy wing adjustment and are machined to resist binding.

Part No.	Description
TIP6030	Manual Wing Adjustment Kit, Black, 15" Collapsed
TIP6031	Manual Wing Adjustment Kit, Natural, 15" Collapsed
TIP6032	Manual Wing Adjustment Kit, Black, 20" Collapsed
TIP6033	Manual Wing Adjustment Kit, Natural, 20" Collapsed



TIP6002



Insert with 1/4" Offset
TIP6010



TIP6004



TIP6119



TIP6117

WING CYLINDER CLAMP

TIP6038

Black anodized aluminum clamp has a 1-1/2" I.D. to secure a wing cylinder to round tubing.



TIP6032

TUBULAR NOSE WING STRAP

Tubular Nose Wing Straps are available in both adjustable and non-adjustable formats, and are made from plated 4130 steel tubing. Non-adjustable straps are 10-3/4" long (hole-to-hole) from the shock towers to the nose wing side boards, and weigh 5 oz. Adjustable straps have welded tabs with adjustable bottom mounts (6", 6-3/4", 7-1/2") and weigh 4.5 oz. Straps do not interrupt airflow. Sold individually.

Part No.	Material	Length
TIP6150	Chrome-Plated Titanium	6"-7.5"
TIP6151	Chrome-Plated Black Steel	10.5"
TIP6152	Adjustable Steel	8.75"-10.25"
TIP6153	Adjustable Black Steel	8.75"-10.25"
TIP6154 NEW	Adjustable Steel	6"-7.5"
TIP6155 NEW	Adjustable Black Steel	6"-7.5"



WING

NOSE WING POSTS

TIP6103

Made from 1" O.D. tubing, this titanium Nose Wing Post is 13" long with a 3" offset.



CARBON FIBER WING CAPS

Part No.	Style
TIP6040	Top Wing Cap 59-3/4" Wide Carbon Fiber
TIP6042	Nose Wing Cap 35-3/4" Wide Carbon Fiber



QUICK PINS

Easily make wing adjustments on the fly with these 1/4" Quick Pins.

Part No.	Style
TIP6114	1/4" x 2" Quick Pin, Steel, Each
TIP6115	1/4" x 1" Wing Tree Pins, Titanium, 2 Pk
TIP6116	5/8" Long, 1/4" O.D., Titanium



TIP6114



TIP6115



TIP6116

WING

STRAIGHT NOSE WING POSTS

Straight Nose Wing Posts are available in aluminum or 4130 chromoly steel, in natural or black finish. Clamp into nose wing post clamps that secure to the torsion tube pinch clamps to connect the center of the nose wing. 12" long, 1" O.D. tubing. Sold individually.

Part No.	Description	Material
TIP6124	Front Wing Post Straight	Chrome-Plated Steel
TIP6125	Front Wing Post Straight	Natural Aluminum
TIP6126	Front Wing Post Straight	Black Steel
TIP6127	Front Wing Post Straight	Black Aluminum



TIP6124 TIP6125 TIP6126 TIP6127

TOP WING POSTS

Ti22's Top Wing Posts now feature a full circle bracket, giving the "T" two contact points instead of one. An aluminum insert has been added to the titanium post for additional strength. The overall length is 12". Sold individually.

Part No.	Style	Length
TIP6016	Top Wing Post Roller	12"
TIP6017	Top Wing Post Plated	12"
TIP6018	Top Wing Post Black	12"



CLAMP-ON NOSE WING MOUNTS

Aero Style Aluminum Nose Wing Front Post Clamps (for clamping nose wing post to the torsion tubes). Clamps securely to torsion tubes. Has aero-style I.D. for nose wing front post. Bolts included. Angled perfectly to reach side panel of nose wing with posts. For use with our Aero Style Right and Left Nose Wing Posts. Sold individually.

Part No.	Description	Material
TIP6133	Aero Nose Wing Clamp	Black Aluminum
TIP6134	Aero Nose Wing Post RH	Black Steel
TIP6135	Aero Nose Wing Post LH	Black Steel



TIP6133



TIP6134



TIP6135

FORWARD-BENT NOSE WING POSTS

Forward-Bent Nose Wing Posts are available in natural or black anodized aluminum, or black or chrome-plated 4130 chromoly steel. Secured in the nose wing post clamps that mount to the torsion tube pinch clamps to support the center of the nose wing. 12" long, 1" O.D. tubing. Sold individually.

Part No.	Description	Material
TIP6120	Forward-Bent Nose Wing Post	Chrome Plated Steel
TIP6121	Forward-Bent Nose Wing Post	Natural Aluminum
TIP6122	Forward-Bent Nose Wing Post	Black Steel
TIP6123	Forward-Bent Nose Wing Post	Black Aluminum



WING

ADJUSTABLE NOSE WING POSTS

The Adjustable Nose Wing Posts provide the flexibility to set your wing as needed without having to switch or rebend your current posts. The adjuster provides for an extra 3/4" of adjustment. Adjustment bracket points toward front of car. Sold individually.

Part No.	Description	Finish
TIP6128	Front Wing Post RH Adj. to Side Board	Chrome-Plated Steel
TIP6129	Front Wing Post LH Adj. to Side Board	Chrome Plated Steel
TIP6130	Front Wing Post RH Adj. to Side Board	Black Steel
TIP6131	Front Wing Post LH Adj. to Side Board	Black Steel
TIP6132	Front Wing Post RH and LH, Sold in Pairs	Black Steel



FLAT NOSE WING STRAPS

Ti22 Flat Nose Wing Straps are available in natural or black powder-coated stainless steel, and weigh only 5 oz. Overall dimensions are 11-1/2" L x 1-1/8" W, height is adjustable between 7-3/4" and 10-1/2" in 3/4" increments. Sold individually.

Part No.	Material
TIP6156	Stainless
TIP6157	Black Stainless



BENT TO SIDE BOARD ADJUSTABLE STRAPS

Side board-mount, black anodized aluminum nose wing rear strap straps are strong and light. Straps have a width of 1" and overall length of 11". Maximum height is 10-1/2" and minimum is 8-1/2". Offset is 5-1/2" with an adjustment of 1/2". Total weight is 0.23 lbs. Sold individually.

Part No.	Material
TIP6158	Aluminum
TIP6159	Black Aluminum



BUMPERS

BUMPERS & NERFS

Fabricated from 1" O.D. stainless steel, 4130 chromoly, or aluminum. Bumpers and nerfs feature specially swedged ends to fit easily into the chassis.

Part No.	Description	Material	Color
TIP7000	19" On-Center Front Bumper	Stainless Steel	Natural
TIP7001	19" On-Center Front Bumper	Aluminum	Natural
TIP7002	Stacked Front Bumper	Stainless Steel	Natural
TIP7003	Stacked Front Bumper	Aluminum	Natural
TIP7005	Stacked Front Bumper	4130 Chromoly	Black
TIP7006	19" On-Center Front Bumper	4130 Chromoly	Black
TIP7008	Front Bumper Pretzel Style	Stainless Steel	Natural
TIP7009	Hoop Style Bumper	Stainless Steel	Natural
TIP7010	Hoop Style Bumper	4130 Chromoly	Black
TIP7011	LH Nerf Bar 3-Point	Stainless Steel	Natural
TIP7012	LH Nerf Bar 3-Point	4130 Chromoly	Black
TIP7013	LH Nerf Bar 2-Point	Stainless Steel	Natural
TIP7014	LH Nerf Bar 2-Point	4130 Chromoly Ultra-Lt.	Black
TIP7015	LH Nerf Bar 3-Point Battle Bar	Stainless Steel	Natural
TIP7016	LH Nerf Bar 3-Point Battle Bar	Stainless Steel	Black
TIP7020	RH Nerf Bar 3-Point	Stainless Steel	Natural
TIP7021	RH Nerf Bar 3-Point	4130 Chromoly	Black
TIP7022	RH Nerf Bar 2-Point	Stainless Ultra-Light	Natural
TIP7024	RH Nerf Bar 3-Point Battle Bar	Stainless Steel	Natural
TIP7025	RH Nerf Bar 3-Point Battle Bar	4130 Chromoly	Black
TIP7030	Lightweight Rear Bumper	Stainless Steel	Natural
TIP7031	Lightweight Rear Bumper No Brace	4130 Chromoly	Black
TIP7032	Rear Bumper w/Brace	Stainless Steel	Natural
TIP7033	Rear Bumper w/Brace	4130 Chromoly	Black
TIP7036	Rear Bumper Basket Style	Stainless Steel	Natural
TIP7037	Rear Bumper Basket Style	4130 Chromoly	Black

TIP7001



TIP7005



TIP7008



TIP7010



TIP7011



TIP7014



TIP7015



TIP7021



TIP7024



TIP7030



TIP7031



TIP7032



TIP7037





BUMPER BOLT KIT

TIP1102

Kit contains (14) #10-32 x 1-1/2" titanium bolts for the bumper, nerfs, and torque tube hoop and includes all lock nuts.

BUMPERS



THE **WINNING ELEMENT**



ENGINE

BILLET CAM PLATE SEAL

Manufactured with high-quality SKF seals, these billet aluminum plates are precision-machined to exact dimensions, providing maximum sealing to prevent any possible leakage.

Part No.	Description
TIP5080	Billet Cam Plate with Seal, SB Chevy Steel Block 2.100" O.D.
TIP5082	Billet Cam Plate with Seal, Rodeck Aluminum Block 2.256" O.D.
TIP5084	Billet Cam Plate with Seal, SB Chevy Dart Little M Block 2.384" O.D.
TIP5088	Replacement Cam Seal Only
TIP5089	Heat Treated 4130 Steel Cam Spud 9/16" -18 Right Hand, 3/8" Hex

FITTING, ADAPTER

TIP5090

Aluminum adapters are a nice upgrade from brass adapters and feature a longer length for use in shallow applications when the mechanical temperature gauge probe may contact the inside of a cylinder head or intake manifold. Extra length of fitting will still allow end of probe to protrude into the coolant for accurate readings.



TIP5089



TIP5080



INJECTION WASH PLUG KITS

Part No.	Description
TIP5270	Injection Wash Plugs Kinsler Raptor 2.250
TIP5271	Injection Wash Plugs Kinsler RS 305
TIP5272	Injection Wash Plugs Engler 2.812
TIP5273	Injection Wash Plugs Engler 2.900
TIP5274	Injection Wash Plugs Engler 3.000
TIP5275	Injection Wash Plugs Kinsler Dragonclaw 2.625
TIP5276	Injection Wash Plugs Kinsler Beast V2 2.812
TIP5277	Injection Wash Plugs Engler 2.687
TIP5278	Injection Wash Plugs Kinsler Beast 2.900
TIP5279	Injection Wash Plugs Kinsler Beast 2.900 V2



SPARK PLUG GUARDS

TIP5100

Spark Plug Guards have lightweight brackets that bolt to the headers, keeping plugs clean and safe.



TIP5140

IN-TANK FUEL FILTERS

Manufactured with 60-micron pleated stainless mesh filter.

Part No.	Description
TIP5140	In-Tank Filter, -12AN Straight Inlet Fitting
TIP5142	In-Tank Filter, 90° Rotating 3/4" Slip-On Style Inlet



TIP5142

FUEL CELL BOLT KIT

TIP1215

Sprint car fuel cell titanium bolt kit. 5/16"-18 x 0.750" long. 12-point head. Set of (4) bolts.



MOTOR PLATE BOLT KIT

TIP1110

Motor plate bolt kit includes (4) titanium 3/4"-24 Allen head screws with jet nuts.



ADJUSTABLE TAIL TANK CLAMP SET

TIP8012

Clamps feature an adjustable design to allow mounting virtually any brand of fuel tank. Lightweight, CNC-machined aluminum clamps mount to the tail tank bar and utilize recessed bolt heads to conceal and protect them from debris.



HEADER GUARDS

These stainless steel header guards are specifically designed for Sprint Cars.



EXHAUST PORT BLOCKOFFS

Keep the engine clean and dry in storage or when performing maintenance.

Part No.	Description
TIP5120	Aluminum Exhaust Port Blockoffs - Spreadport
TIP5124	Aluminum Exhaust Port Blockoffs - Standard Port



FRONT AND REAR MOTOR PLATES

Manufactured from 3/8" thick 6061 aluminum. These raised rail rear plates are lightened on the inside to keep dirt from getting trapped in lightening pockets. Designed to fit both standard and raised cam engines, the plates have multiple drilled and tapped holes for mounting pumps and accessories. Lower edge holes allow mounting floor pan securely to motor plate. Available in natural or black anodized finish. 24-5/8"W x 12-7/16"H, weighs 7.5 lbs.

Part No.	Description
TIP5002	Rear Motor Plate, Plain
TIP5004	Rear Motor Plate, Black
TIP5010	Front Motor Plate, Plain
TIP5012	Front Motor Plate, Black

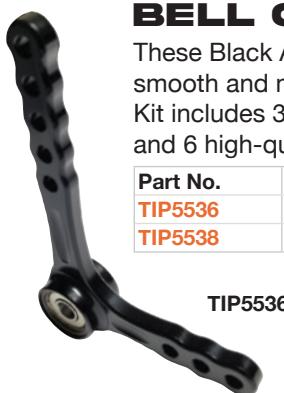


ENGINE

BELL CRANKS

These Black Anodized Bell Cranks are ultra-smooth and make for great throttle response. Kit includes 3 aluminum rods, 2 bell cranks, and 6 high-quality mini rod ends.

Part No.	Description
TIP5536	Double-Bearing Bell Crank
TIP5538	Bell Crank Throttle-Linkage Kit



TIP5536



TIP5538

SPRINT CAR HOOD, TANK, AND TIRE COVERS

Tail tank covers help reduce heat build-up from the sun, keeping fuel cooler. Silver-colored alumunized insulated mat includes strap. Hood blankets help retain heat in the engine compartment between races; available with or without header heat shield.

Part No.	Description
TIP5460	Tank Cover
TIP5465	Hood Blanket
TIP5466	Deluxe Hood Blanket with Header Heat Shield
TIP5470	Kit with Right and Left Cover
TIP5472	Right Rear Cover
TIP5474	Tire Cover Set of 4



TIP5470

THROTTLE PEDALS

Part No.	Description
TIP4100	Frame Mount
TIP4103	Floor Mount, Plain
TIP4104	Floor Mount, Black
TIP4105	Frame Mount, Titanium



TIP4105

TIP4104

ENGINE

FUEL BLOCK AND BRACKET

TIP5590

Our fuel block features an integrated mounting bracket, eliminating the need for a separate bracket. It's a single streamlined unit.

FUEL BLOCK

TIP5500

Black anodized aluminum fuel block has three -6AN female ports and one -8AN female port. Includes male adapter fittings. Each.



FUEL BLOCK MOUNTING BRACKET

TIP5504

Master Cylinder Mount allows easy mounting of fuel block to the master cylinder. Black anodized aluminum. Each.

ADAPTER STRAIGHT FITTINGS

Ti22 straight fittings feature -4AN male to 1/8" NPT male, and -6AN male to -6AN male O-ring. Complete with black anodized aluminum finish.

Part No.	Description
TIP5550	-4AN Male to 1/8" NPT Male, 2-1/4" Long
TIP5552	-6AN Male to -6AN Male O-Ring, 3" Long

BILLET FUEL FILTER MOUNTING CLAMPS

Part No.	Description
	Engine Mount Fuel Filter Clamp
TIP5540	Designed to Mount #6 Pressure Filter to the Fuel Injector Bridge, Two-Piece Black Anodized Aluminum Billet Construction
	Fuel Filter Clamp
TIP5544	Designed to Mount 2" Diameter Filter on 1-1/4" Tube, Black Anodized Billet Construction with Countersunk Allen Bolt for Easy Tightening
TIP5546	Designed to Mount 2" Diameter Filter on 1-3/8" Tube, Black Anodized Billet Construction with Countersunk Allen Bolt for Easy Tightening
TIP5548	Designed to Mount 2" Diameter Filter on 1-1/2" Tube, Black Anodized Billet Construction with Countersunk Allen Bolt for Easy Tightening



IN-LINE FUEL FILTERS WITH BUILT-IN SHUT-OFF VALVE

Black anodized billet aluminum 100-micron fuel filters.

Available in -6AN, -8AN, -10AN, and -12AN.

Stainless steel replacement elements available.

Part No.	Description
TIP5506	-6AN
TIP5508	-8AN
TIP5510	-10AN
TIP5512	-12AN

Replacement Components

TIP5520	Replacement Element
TIP5522	Replacement O-Ring Kit



TIP5506

IN-LINE FUEL FILTERS

Black anodized, billet aluminum fuel filters. Available in two different sizes: short style with -6AN male inlet/outlet fittings or long style with -12AN male inlet/outlet fittings. Stainless steel replacement elements available.

Part No.	Description
TIP5526	-6AN Short Style Filter, 70-Micron Stainless Element
TIP5528	-12AN Long Style Filter, 100-Micron Stainless Element

Replacement Components

TIP5527	Replacement Element for TIP5526 Short Filter, 70-Micron
TIP5529	Replacement Element for TIP5528 Long Filter, 100-Micron
TIP5523	Replacement O-Ring Kit for TIP5526/TIP5528



TIP5526

FUEL SHUT OFF

Part No.	Description
TIP5580	-6AN Waterman Style 4.0"W x 1.5"H x 7.0"L
TIP5585	-6AN MP Style 4.0"W x 1.0"H x 7.0"L



TIP5580

ENGINE

CARBON MOUNTS

Part No.	Description
TIP4200	Carbon TelTac Tach Mount
TIP4202	Carbon Fiber MSD Ignition Box Bracket
TIP4204	Carbon Fiber MSD Ignition Box Bracket, Bent Dash



LOWER SPRINT RADIATOR HOSE

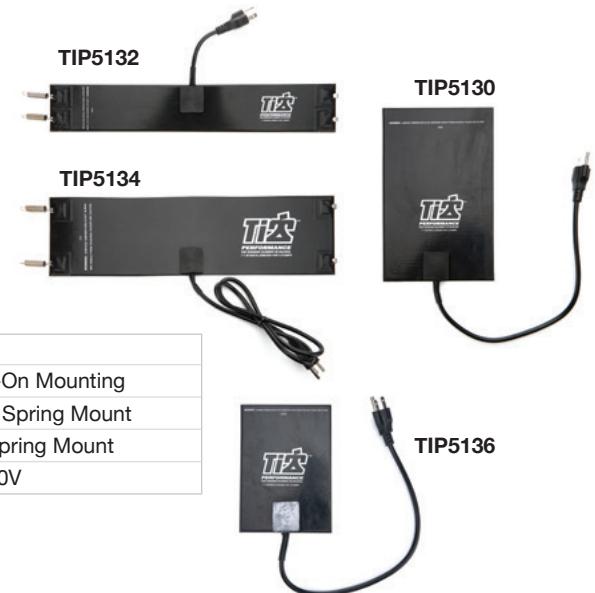
Molded silicone hose is built specifically for sprint car lower radiator hose applications. Molded 90° elbow and 45° elbow separated by 5" fits most combinations of Sprint Car radiator and pump.

Part No.	Description
TIP5160	Lower Sprint Radiator Hose, Black, 1-1/2"
TIP5161	Lower Sprint Radiator Hose, Black, 45° Bend, 1-1/2" I.D.
TIP5162	Lower Sprint Radiator Hose, Black, 90° Bend, 1-1/2" I.D.
TIP5163	Lower Sprint Radiator Hose Black 1-3/4"
TIP5165	Lower Sprint Radiator Hose, 3-pcs, Black, 1-1/2"
TIP5166	Lower Sprint Radiator Hose, 45° Bend, 1-3/4" I.D.
TIP5167	Lower Sprint Radiator Hose, 90° Bend, 1-3/4" ID
TIP5168	Lower Sprint Radiator Hose, 1-1/2" I.D. to 1-3/4" I.D. 22" long
TIP5170	1-1/2" Billet Hose Clamp
TIP5172	1-3/4" Billet Hose Clamp
TIP5175	Hose Clamp, Worm Gear, 1-1/2" to 1-3/4" Hose, Set of 10
TIP5177	Aluminum Union 1-1/2" to 1-3/4"
TIP5178	Tubing Coupler, Straight, 1-1/2" I.D., 3" Long
TIP5179	Tubing Coupler, Straight, 1-3/4" I.D., 3" Long

EXTERNAL OIL TANK HEATERS

Commonly used in racing environments where quick engine warm-up is needed for optimal performance, preheating oil ensures lubrication on initial start-up and increases horsepower. Ti22's engine oil heaters feature a clean black silicone exterior and 110-volt operation.

Part No.	Description
TIP5130	15-3/4" Cord, 10" x 6-1/2" Body, Stick-On Mounting
TIP5132	Sprint; 3-1/2" Cord, 17-1/2" x 3" Body, Spring Mount
TIP5134	Midget; 10" Cord, 17-1/2" x 5" Body, Spring Mount
TIP5136	Oil Tank Heater Pad 5" x 7" stick on 110V



ENGINE SLING

TIP8516

21" long engine sling, made from black nylon. The sling's ends are made from steel.



ENGINE



SPRINT RADIATOR

TIP5200

Aluminum radiator. 20" x 21.25" x 2".
Dual Pass, with passenger side inlet and outlet.

THROTTLE ROD

Black anodized aluminum throttle rod with left- and right-hand 10-32 female threads. Rod end sold separately.

Part No.	Description
TIP5620	8" Long
TIP5622	9" Long
TIP5624	10" Long
TIP5626	11" Long
TIP5628	12" Long
TIP5630	13" Long
TIP5632	14" Long
TIP5634	15" Long
TIP5636	16" Long
TIP5638	17" Long
TIP5640	18" Long

THROTTLE ROD COMPONENTS

Part No.	Description
TIP5650	Quick-Release Throttle Disconnect
TIP5652	Throttle Disconnect w/ Ball, 10-32 Thread Male
TIP5656	Rod End, 10-32 Thread, RH Male Thread
TIP5657	Rod End, 10-32 Thread, LH Male Thread
TIP5664	Jam Nut, 10-32 Thread, RH Male Thread
TIP5666	Jam Nut, 10-32 Thread, LH Male Thread



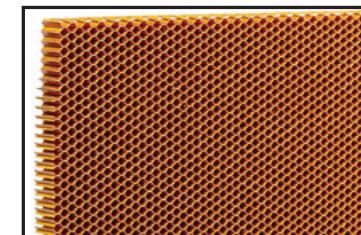
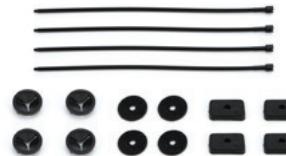
TIP5650

HONEYCOMB RADIATOR SCREEN

TIP5184

Protect radiators from small rocks and debris. 26" x 19" x 1/2".
Durable tan-colored plastic. Each.

TIP5186 - Electric Fan Mounting Kit



THROTTLE ROD LINKAGE KIT

TIP5538

Includes 3 aluminum rods,
2 bell cranks, and 6 high-quality
mini rod ends.

DOUBLE BEARING BELL CRANKS

TIP5536

These Black Anodized Bell Cranks are ultra-smooth and make for great throttle response.





TOOLS

SET-UP BLOCKS

Aluminum blocks feature a contoured bottom with integrated magnets to hold tight to steel tubing or any flat steel surface. Quick-release pin keeps the block at the desired height. Short blocks adjust from 1-3/4"-4" and tall blocks adjust from 3"-6". Sold in pairs. Available accessories include set-up rollers with easy rolling wheels, or set-up cups to securely cradle axle tubes.

Part No.	Description
TIP2980	Short Set-Up Blocks, 1-3/4"-4", Pair
TIP2981	Tall Set-Up Blocks, 3"-6", Pair
TIP2985	Set-Up Block Hardware Kit, Includes (2) Quick-Release Pins & (8) Screws
TIP2986	Accessory Set-Up Rollers, Pair
TIP2987	Accessory Set-Up Cups, Pair
TIP3680	Set-Up Blocks, Rear, 1-1/4" to 3-3/4" Adjustable
TIP3682	Set-Up Blocks, Front, 1-1/4" to 3-1/4" Adjustable



BEAD BREAKERS

Part No.	Description
TIP8502	For 10" Wheel, Narrow Jaw, Steel, Black
TIP8503	For 13" Wheel, Narrow Jaw, Steel, Black
TIP8504	For 15" Wheel, Narrow Jaw, Steel, Black
TIP8505	For 15" Wheel, Wide Jaw, Steel, Black
TIP8507	For 15" Wheel, Wide Jaw, Aluminum, Black



TIRE TOOLS

Part No.	Description
Digital Remote Tire Inflators	
TIP5480	Tire Pressure Gauge, 0-100 PSI, Digital, 2-1/4" Diameter, Black Face, Schrader Valve / Tire Chuck, Kit
TIP5481	Tire Pressure Gauge, 0-100 PSI, Digital, 2-1/4" Diameter, Black Face, Ball Chuck / Tire Chuck, Kit
Replacements Parts	
TIP5482	Tire Pressure Gauge, 0-100 PSI, Digital, 2-1/4" Diameter, Black Face, Each
TIP5486	Fill Hose, Schrader Valve Female to Tire Chuck, TI22 Tire Pressure Gauge, Each
TIP5487	Fill Hose, Schrader Valve Female to Schrader Valve Male, TI22 Tire Pressure Gauge, Each
TIP5488	Fill Hose, Schrader Valve Female to Ball Chuck, TI22 Tire Pressure Gauge, Each



TOOLS

LOCKING TEAR-OFF POST KIT

TIP4900

Quick adjusting, true locking tear-off post eliminates the problem of loose tear-offs on any helmet. Makes installing tear-offs very quick. Includes installation tool. Two posts per kit.



QUICK-CHANGE DRAIN PAN

TIP8520

Black anodized aluminum drain pan is 10-1/4" wide x 12" long x 3-3/4" deep. Features a built-in perforated shelf to hold gears and allow lube to drain into pan.



ADJUSTABLE AN WRENCH

TIP8532

Single-end wrench adjusts from -3AN to -12AN. Black anodized aluminum won't mar fittings.



FRONT HUB NUT WRENCH

TIP8537

Carbon fiber front hub wrench. 2-7/8" hex.



ENGINE SLING

TIP8516

21" long engine sling, made from black nylon. The sling's ends are made from steel.



QUICK WRENCH

TIP8535

Designed to work on all -6AN fittings. Works great on all fuel bypass fittings for quick adjustments.



-3 TO -16 ALUMINUM AN WRENCH SET

TIP8530

Seven-piece AN wrench set is the best value on the market. -3 through -16. Black anodized aluminum wrenches won't mar fittings and are labeled for easy identification.



SONIC CLEANING SOLUTION

TIP5610

Use with ultrasonic cleaners. It effectively breaks down dirt, oils, and works great for cleaning methanol residue from fuel system components. One-gallon container.



TOOLS

WHEEL WRENCH FOR SPRINT CAR

TIP8510

Sprint car wheel wrench features a removable sleeve adapter to fit heavy-duty and lightweight axles. Six-point socket fits 3" axle nuts. Black powder-coated aluminum construction.



ROLLING CHASSIS STANDS

Frame stand and dolly set is built with black powder-coated steel, making it tough enough for shop duty, but nice enough for showroom use! Adjusts easily from 13" to 19" in height to put a sprint chassis at the ideal working height, while heavy-duty locking casters make it easy to move around the shop, even under heavy loads. High-density rubber pads help prevent scratches on lower frame rails. Includes all pins, casters, and hardware needed for assembly. Sold in sets of two.

Part No.	Description
TIP5410	Frame Stand and Dolly, Steel, Pair
Replacements Parts	
TIP5415	Frame Stand Replacement Rubber Mount
TIP5416	Frame Stand Replacement Rubber Mount w/ Spacer
TIP5417	Frame Stand Pin Hardware w/ (4) Short, (2) Long
TIP5418	Frame Stand Replacement Caster No Lock
TIP5420	Frame Stand Replacement Caster with Lock



PORTABLE SPRINT CAR LIFT

TIP8550

Durable, portable lift provides up to 14" of lift to provide easier maintenance and repair of sprint cars, in the shop and at the track. Compact frame measures 48" L x 31-3/4" W x 14" H, and folds down to 3" thick for convenient storage. Lightweight unit weighs only 67 pounds, with an integrated 120VAC hydraulic pump that allows it to lift up to 4,000 lbs. Black anodized aluminum frame with powder-coated steel center section bars.



PIT STANDS FOR SPRINT CAR

TIP5414

These pit stands work great at both the shop and at the track. Black powder-coated steel. Sold in pairs.



6-PIECE RUBBER TIE-DOWN STRAP KIT

TIP8512

(2) 15", (2) 21", (2) 31"



BODY COMPONENTS



SPRINT CAR COVER

TIP5450

Sprint car cover. Fits wing and NW, Black

FIRE BOTTLE CLAMP

TIP5660

A black anodized aluminum 3-1/2" diameter bottle mount that clamps onto a 1-3/8" diameter chassis tube. The mount helps to keep the bottle secure in a crash.



BODY-SAVER PLATES

Help protect body panels when using quick-turn fasteners. Body reinforcing plates are 2" L x 1" W, and attach using 1/8" rivets.

Part No.	Description	Material
TIP8140	Body-Saver Plates, 10 Pk	Stainless Steel
TIP8140-50	Body-Saver Plates, 50 Pk	Stainless Steel
TIP8142	Body Saver Plates 10 Pk	Steel, Black
TIP8142-50	Body Saver Plates 50 Pk	Steel, Black



TIP8140

PLASTIC SHOCK COVERS

Our shock covers have fit every shock we've tried them on and will add life to your shocks by keeping the shock body safe from rocks and debris. Easy snap-on installation. Available for small or large-body shocks. Sold each.

Part No.	Description
TIP8308	Shock Cover Plastic - Small Body
TIP8312	Shock Cover Plastic - Big Body



TIP8308



THE **WINNING ELEMENT**



BODY COMPONENTS

QUICK-TURN BUTTONS

Part No.	Description	Quantity	Head Type
TIP8100	Oval-Head Quick-Turn Buttons, 0.500" Long	10 Pk.	Slot
TIP8100-50	Oval-Head Quick-Turn Buttons, 0.500" Long	50 Pk.	Slot
TIP8102	Oval-Head Quick-Turn Buttons, Black, 0.500" Long	10 Pk.	Slot
TIP8102-50	Oval-Head Quick-Turn Buttons, Black, 0.500" Long	50 Pk.	Slot
TIP8104	Oval-Head Quick-Turn Buttons, 0.550" Long	10 Pk.	Slot
TIP8104-50	Oval-Head Quick-Turn Buttons, 0.550" Long	50 Pk.	Slot
TIP8106	Oval-Head Quick-Turn Buttons, Black, 0.550" Long	10 Pk.	Slot
TIP8106-50	Oval-Head Quick-Turn Buttons, Black, 0.550" Long	50 Pk.	Slot
TIP8108	Large Head Quick-Turn Buttons 0.500" Long	10 Pk.	Slot
TIP8108-50	Large Head Quick-Turn Buttons 0.500" Long	50 Pk.	Slot
TIP8110	Large Head Quick-Turn Buttons, Black, 0.500" Long	10 Pk.	Slot
TIP8110-50	Large Head Quick-Turn Buttons, Black, 0.500" Long	50 Pk.	Slot
TIP8120	Steel Quick-Turn Springs	10 Pk.	Slot
TIP8120-50	Steel Quick-Turn Springs	50 Pk.	Slot
TIP8130	Oval Head Buttons 0.450" Long	10 Pk.	Slot
TIP8130-50	Oval Head Buttons 0.450" Long	50 Pk.	Slot
TIP8132	Oval Head Buttons 0.450" Long Black	10 Pk.	Slot
TIP8132-50	Oval Head Buttons 0.450" Long Black	50 Pk.	Slot
TIP8134	Oval Head Buttons 0.600" Long Black	10 Pk.	Slot
TIP8134-50	Oval Head Buttons 0.600" Long Black	50 Pk.	Slot
TIP8136	Oval Head Buttons 0.600" Long	10 Pk.	Slot
TIP8136-50	Oval Head Buttons 0.600" Long	50 Pk.	Slot
TIP8150	Quick-Turn Mounting Bracket, 1-1/4" Tubing	1	Slot
TIP8151	Quick-Turn Mounting Bracket, 1-3/8" Tubing	1	Slot
TIP8152	Quick-Turn Mounting Bracket, 1-1/2" Tubing	1	Slot
TIP8153	Quick-Turn Mounting Bracket, 1-5/8" Tubing	1	Slot
TIP8160	Quick-Turn Fastener, 7/16" x 0.500", Aluminum, Natural	10 Pk.	Hex
TIP8160-50	Quick-Turn Fastener, 7/16" x 0.500", Aluminum, Natural	50 Pk.	Hex
TIP8161	Quick-Turn Fastener, 7/16" x 0.500", Aluminum, Black Anodized	10 Pk.	Hex
TIP8161-50	Quick-Turn Fastener, 7/16" x 0.500", Aluminum, Black Anodized	50 Pk.	Hex
TIP8162	Quick-Turn Fastener, 7/16" x 0.500", Steel, Zinc Oxide	10 Pk.	Hex
TIP8162-50	Quick-Turn Fastener, 7/16" x 0.500", Steel, Zinc Oxide	50 Pk.	Hex
TIP8163	Quick-Turn Fastener, 7/16" x 0.500", Steel, Zinc Oxide	10 Pk.	Hex
TIP8163-50	Quick-Turn Fastener, 7/16" x 0.500", Steel, Zinc Oxide	50 Pk.	Hex
TIP8164	Quick-Turn Fastener, 7/16" x 0.500", Oversized Head, Aluminum, Natural	10 Pk.	Hex
TIP8164-50	Quick-Turn Fastener, 7/16" x 0.500", Oversized Head, Aluminum, Natural	50 Pk.	Hex
TIP8165	Quick-Turn Fastener, 7/16" x 0.500", Oversized Head, Aluminum, Black Anodized	10 Pk.	Hex
TIP8165-50	Quick-Turn Fastener, 7/16" x 0.500", Oversized Head, Aluminum, Black Anodized	50 Pk.	Hex



TIP8132

QUICK-TURN WRENCH

TIP8534

Wrench makes installation and removal of slotted-head quick-turn fasteners easy. Zinc-oxide plated steel with a non-slip hand grip.



MINI SPRINT

600 MINI SPRINT FRONT END COMPONENTS

FRONT STEERING ARMS

Precision machined from 2024 aluminum, arms are engineered for use with XB spindles. Arms may be used on the right or left spindle, and are offered with plain or black finish. Fits TIP3522 and TIP3523 spindles.

Part No.	Description
TIP3540	Aluminum
TIP3541	Black



STEERING ARMS

Precision machined from 2024 aluminum arms are engineered for standard-height mini sprint spindles. Arms can be used a steering arm only or combo arm and are offered in plain aluminum or black anodized. Fits TIP3520 and TIP3521 spindles.

Part No.	Description
TIP3542	Aluminum
TIP3543	Black



STEEL KING PINS

Part No.	Description
TIP3532	Short Boss King Pin, 5/8" dia. x 3-5/8" tall
TIP3533	Tall Boss King Pin, 5/8" dia. x 3-7/8" tall



SPINDLE NUT KIT

Part No.	Description
TIP3530	Fits Standard or XB Spindles



SPINDLES

CNC-machined from rigid 6061-T6 billet aluminum, spindles include a machined aluminum snout. Plain finish.

Part No.	Description
TIP3520	Left-Front
TIP3521	Right-Front



TIP3520

TIP3521

XB SPINDLES

Made from billet 2024 aluminum, XB spindles feature an extra-tall boss design and a machined aluminum snout. Choose from plain or black finished.

Part No.	Description
TIP3522	Billet 2024 Aluminum, Tall Boss
TIP3523	Billet 2024 Aluminum, Black, Tall Boss



TIP3522



TIP3523



THE **WINNING ELEMENT**



MINI SPRINT

THRUST BEARING KIT

Part No.	Description
TIP3534	Kit includes roller bearing and shims required for one spindle



FRONT AXLES

Manufactured from durable 1-1/2" x 0.120" wall 4130 chrome moly steel with 10° front spindles, front axles are offered in torsion bar or coil-over configurations. Choose from chrome or black finished.

Part No.	Description
TIP3500	39-1/2" Long, Coil-Over, Chrome
TIP3501	39-1/2" Long, Coil-Over, Black
TIP3502	39-1/2" Long, Torsion Bar, Tall Boss, Chrome
TIP3503	39-1/2" Long, Torsion Bar, Tall Boss, Black
TIP3505	40" Long, Coil-Over, Black
TIP3506	42" Long, Coil-Over, Non-Winged, Chrome
TIP3507	42" Long, Coil-Over, Non-Winged, Black



TIP3501



TIP3502

MINI SPRINT TORSION COMPONENTS

TORSION STOPS

Torsion stop is CNC-machined from billet aluminum and incorporates a high-grade, full-thread stainless steel bolt with nut to provide exact adjustments. The bolt end is additionally relieved to prevent mushrooming. Choose from natural or black finish.

Part No.	Description
TIP3600	7/8" Torsion Stop, 1-1/2" Tube Split, Natural
TIP3601	7/8" Torsion Stop, 1-1/2" Tube Split, Black



TIP3600



TIP3601

TORSION BAR BUSHING

Durable Nylatron-composite bushing offers less friction and a longer life. Designed for use with 7/8" dia. bars, 0.083" wall bushing features a tapered end for ease of installation.

Part No.	Description
TIP3608	Torsion Bar Bushing



MINI SPRINT

MINI SPRINT TORSION COMPONENTS (CONT.)

TORSION ARMS

Manufactured from durable billet 2024 aluminum, Torsion Arms are offered for a wide variety of applications. Offered with polished or black anodized finish.

Part No.	Description
TIP3610	Left-Front, 13-1/2" Long, 7/8" Spline, 3/4" Thick, Polished
TIP3611	Right-Front, 12" Long, 7/8" Spline, 3/4" Thick, Polished
TIP3614	Left-Front, 13-1/2" Long, 7/8" Spline, 3/4" Thick, Black
TIP3615	Right-Front, 12" Long, 7/8" Spline, 3/4" Thick, Black
TIP3621	Left-Rear, Straight, 11-1/2" Long, 7/16" Thread, Black
TIP3624	Right-Rear, 4-1/8" Offset, 9-3/4" Long, 7/16" Thread, Polished
TIP3625	Right-Rear, 4-1/8" Offset, 9-3/4" Long, 7/16" Thread, Black
TIP3626	Fusion Chassis, Right-Rear, 1-1/2" Offset, 9-1/2" Long, 7/16" Thread, Polished
TIP3627	Fusion Chassis, Right-Rear, 1-1/2" Offset, 9-1/2" Long, 7/16" Thread, Black

PANHARD ARMS

Specific to panhard rear axle assemblies, rigid 2024 aluminum arm provides a structurally stout piece. Arm has no offset and includes an integrated spacer on the end to allow a full range of motion. Will not work with Watts link style rear end. Choose from polished or black anodized.

Part No.	Description
TIP3630	Left-Rear, 11-1/8" Center of Torsion Hole to End, Polished
TIP3631	Right-Rear, 9-1/2" Center of Torsion Hole to End, Polished
TIP3632	Left-Rear, 9-1/2" Center of Torsion Hole to End, Black
TIP3633	Right-Rear, 9-1/2" Center of Torsion Hole to End, 2024 Black

STEEL TORSION ARM SHOCK STUD W/ NUTS

TIP3640

Steel stud is 2" long with 3/8"-24 threads. Sold complete with (2) nylon insert nuts.



MINI SPRINT

600 MINI SPRINT RADIUS RODS AND ACCESSORIES

600 MINI SPRINT BATTERY BOX

TIP3800

Lightweight aluminum battery box installs easily into the floor pan with included quick fasteners. Easy-to-assemble box accepts most popular batteries. 4" width x 4" height x 6-1/2" length.



PANHARD HEIGHT/ SHIFTER LINKAGE ROD

Part of our new panhard rear end package that connects the bell crank to the panhard slider sleeve via 3/8" aluminum rod ends.

Part No.	Description
TIP3704-45	Panhard Height/Shifter Linkage Rod, 4-1/2" Long



TIP3702-20

FRONT/PANHARD ADJUSTER ROD

Part No.	Description
TIP3704-155	Front Radius Rod, 15-1/2" Long, 3/8" Threads, Polished, Each
TIP3704-145	Front Radius Rod, 14-1/2" Long, 3/8" Threads, Polished, Each



BRAKE ROD

Manufactured from 4130 chrome moly steel, right rear brake rod is designed to help stabilize the rear axle assembly. Significantly more durable than aluminum units, brake rod is 20" long with welded/threaded 7/16" inserts.

Part No.	Description
TIP3710-20	Brake Rod, 20" Long



MINI SPRINT

600 MINI SPRINT ROD ENDS

Choose from a variety of popular rod ends. Rod ends feature nylon inserts for added durability.

Part No.	Description
TIP3750	3/8"-24, RH Thread, Nickel-Plated, Each
TIP3751	3/8"-24, LH Thread, Nickel-Plated, Each
TIP3752	7/16"-20, LH Thread, 3-Pc., Black Anodized, Each
TIP3753	7/16"-20, RH Thread, 3-Pc., Black Anodized, Each
TIP3756	7/16"-20, LH Thread, Nickel-Plated, Each
TIP3757	7/16"-20, RH Thread, Nickel-Plated, Each



TIP3750



TIP3753

600 MINI SPRINT REAR SPROCKETS

Sprockets are manufactured from hardened aluminum for improved durability without added weight. Sprockets feature 5.25" bolt circle with 5/16" pre-drilled holes. Fits Triple X and other mini sprint sprocket hubs.

Part No.	5.25" Bolt Circle
TIP3840-35	35T
TIP3840-36	36T
TIP3840-37	37T
TIP3840-38	38T
TIP3840-39	39T
TIP3840-40	40T
TIP3840-41	41T
TIP3840-42	42T
TIP3840-43	43T
TIP3840-44	44T
TIP3840-45	45T
TIP3840-46	46T
TIP3840-47	47T
TIP3840-48	48T
TIP3840-49	49T
TIP3840-50	50T
TIP3840-51	51T
TIP3840-52	52T
TIP3840-53	53T
TIP3840-54	54T
TIP3840-55	55T
TIP3840-56	56T
TIP3840-57	57T
TIP3840-58	58T
TIP3840-61	61T
TIP3840-62	62T
TIP3840-63	63T

Part No.	6.43" Bolt Circle
TIP3841-40	40T
TIP3841-41	41T
TIP3841-42	42T
TIP3841-43	43T
TIP3841-44	44T
TIP3841-45	45T
TIP3841-46	46T
TIP3841-47	47T
TIP3841-48	48T
TIP3841-49	49T
TIP3841-50	50T
TIP3841-51	51T
TIP3841-52	52T
TIP3841-53	53T
TIP3841-54	54T
TIP3841-55	55T
TIP3841-56	56T
TIP3841-57	57T
TIP3841-58	58T
TIP3841-61	61T
TIP3841-62	62T
TIP3841-63	63T



TIP3840



TIP3841



TIP3962

600 MINI SPRINT JACOB'S LADDER

Jacob's Ladder is 10-1/4" long. Sold complete with straps. Choose from chrome or black finish.

Part No.	Description
TIP3960	Jacob's Ladder, Chrome
TIP3962	Jacob's Ladder, Black

MINI SPRINT

600 MINI SPRINT WING TREE AND MOUNTS

TOP WING POSTS

Manufactured from 4130 chrome moly steel for maximum durability. Sold individually. Choose from chrome plated or black finished.

Part No.	Description
TIP3760	8" Long, 3/4" Dia. x 0.065" Wall, Chrome, Each
TIP3761	8" Long, 3/4" Dia. x 0.065" Wall, Black, Each
TIP3765	8" Long with Sealed Roller Bearings, 3/4" Dia. x 0.065" Wall, Chrome, Each
TIP3766	8" Long with Sealed Roller Bearings, 3/4" Dia. x 0.065" Wall, Black, Each



TOP WING TREES

Featuring up to 6" of adjustment through use of 1" adjustment holes, Top Wing Trees are 25" wide x 11" high with a 5/8" upright diameter and 0.050" upright wall thickness. Constructed from 4130 chrome moly steel, top wing trees are complete with 3/8" wing slider mount. Offered in chrome plated or black.

Part No.	Description
TIP3770	Top Wing Tree, Chrome, Each
TIP3771	Top Wing Tree, Black, Each



TIP3775

600 MINI SPRINT NOSE WING POSTS

Part No.	Description
TIP3789	Pinch Clamp, Black Anodized Aluminum, 4.00"W x 1.50"H x 7.00"L
TIP3794	10" Tall Nose Wing Post, Straight, Natural Steel, 4.00"W x 0.80"H x 12.75"L
TIP3795	10" Long Nose Wing Post, Straight, Black Steel, 4.05"W x 1.70"H x 15.80"L
TIP3796	10" Tall Nose Wing Post, Straight, Natural Aluminum, 4.00"W x 1.00"H x 13.00"L



TIP3789

TOP WING MANUAL SLIDERS

Top wing manual slider has 1" adjustment holes and offers up to 7" of adjustment for 14"-21" length. Constructed from 3/4" dia. x 0.050" wall 4130 chrome moly, unit is complete less adjuster pins. Offered in chrome or black.

Part No.	Description
TIP3775	Top Wing Manual Slider, Chrome, Each
TIP3776	Top Wing Manual Slider, Black, Each

MINI SPRINT

600 MINI SPRINT CLUTCH, CHAIN, AND RELATED COMPONENTS

Part No.	Description
TIP3810	Clutch Lever, Cable Holder/Adjuster, Clamps to Shifter, 7/8" O.D. Tube, Black
TIP3812	Shift Lever, Fits Left Side of Chassis, 4130 Chrome Moly, Black
TIP3813	Shift Lever to Motor Linkage, Aluminum, 4" Long, Includes (2) Rod Ends and (1) Jam Nut
TIP3815	Throttle Cable, Yamaha R6, 56" Case Length, 66" Cable Length, Aluminum Pinched End
TIP3817	Clutch Cable, Yamaha R6, Micro / Mini
TIP3860	Sprocket/Chain Guide Aluminum Disc 12.50"W x 3.00"H x 12.50"L
TIP3862	Sprocket/Chain Guide Kit, Aluminum Bracket, Nylon Block, Mounting Bolts
TIP3864	Chain Tensioner Kit, Double-Roller Style, Includes Bearings, (2) Springs, and (2) Spring Clips
TIP3865	Chain Tensioner Wheel, Roller Bearings, 7/8" Wide
TIP3870	Chain, 130 Link, 520 Pitch, Steel with Gold-Tone Finish, Includes Master Link
TIP3871	Chain Master Link, Rivet-Type
TIP3872	Chain Master Link, Clip-Type



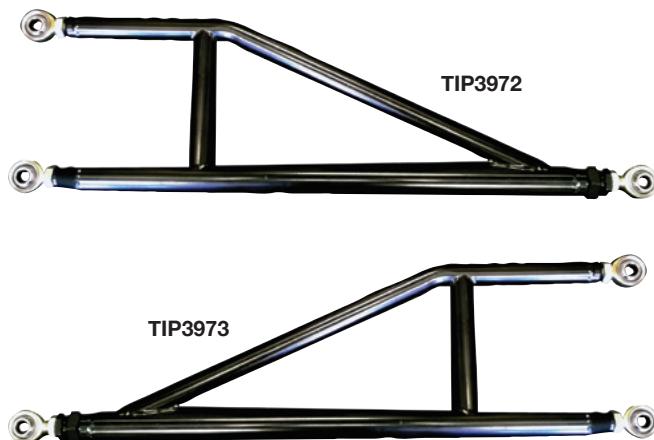
MINI SPRINT

600 MINI SPRINT BIRDCAGES

STANDARD-STYLE BIRDCAGES

Rigidly constructed, CNC-machined billet aluminum birdcages feature a double-bearing design with a 6" spread between the torsion bar mount and radius rod mount. Sold complete with bearings, snap ring, and bolts. Black anodized finish.

Part No.	Description
TIP3905	Left-Side Birdcage, 1-7/8" Axle
TIP3906	Right-Side Birdcage, 1-7/8" Axle



600 MINI SPRINT PANHARD WISHBONES

Durable, 4130 chrome moly panhard wishbones feature a custom rod length adjuster in the front to allow adjustment without the need for removal. Includes rod ends. Choose from chrome or black finish.

Part No.	Description
TIP3972	Left-Side, 17-1/2" Long, 5-1/4" Top-to-Bottom Spread, (2) 7/16" LH Rod Ends Front, (2) 7/16" RH Rod Ends Rear, Black
TIP3973	Right-Side, 18-1/2" Long, 5-1/4" Top-to-Bottom Spread, (2) 7/16" LH Rod Ends Front, (2) 7/16" RH Rod Ends Rear, Black

PANHARD-STYLE BIRDCAGES

Specifically designed to help maintain the forward bite needed to win, panhard-style birdcages are manufactured from billet aluminum and feature a dual bearing design. Includes dual mounting holes for torsion arm shackle, while the left rear unit is drilled for a panhard clevis. Sold complete with bearings, snap ring, and bolts. Choose from polished or black anodized finish. Double-row splined bearing inserts sold separately.

Part No.	Description
TIP3909	Left-Side Birdcage, 1-7/8" Axle, Polished
TIP3910	Right-Side Birdcage, 1-7/8" Axle, Polished
TIP3911	Left-Side Birdcage, 1-7/8" Axle, Black
TIP3912	Right-Side Birdcage, 1-7/8" Axle, Black



TIP3906



TIP3909



TIP3912

STANDARD-STYLE BIRDCAGES

Rigidly constructed, CNC-machined billet aluminum birdcages feature a double-bearing design with a 6" spread between the torsion bar mount and radius rod mount. Sold complete with bearings, snap ring, and bolts. Black anodized finish.

Part No.	Description
TIP3916	Rear Brake Carrier with 3-1/4" Caliper Mount, 1.968" I.D. Single Bearing, Includes Snap Ring and Bolts. Black Anodized.
TIP3918	Ultra Light Steel Rotor, 9-1/2" O.D. x 1/4" Thick, 6 x 5-1/4" B.C.



TIP3916



TIP3918



MINI SPRINT

600 MINI SPRINT REAR END COMPONENTS

600 MINI SPRINT U - JOINT

TIP3655

The 29-splined black anodized billet aluminum U-joint assembly mounts to a 4-bolt driveshaft flange.



AXLE SPACER KIT

TIP3925

Axle spacer kit includes (6) standard and (5) tapered spacers to fit 1-7/8" axles. Black anodized aluminum.



TAPERED AXLE SPACERS

Part No.	Description
TIP3945	Tapered Axle Spacer, 3/4" Wide
TIP3946	Tapered Axle Spacer, 1" Wide
TIP3947	Tapered Axle Spacer, 2" Wide



TIP3946

AXLE SPACERS

Engineered for use with 1-7/8" axles, 27-spline spacers are 1-3/4" I.D. and are offered in a variety of widths. Black anodized. Sold each.

Part No.	Description
TIP3930	Axle Spacer, 1/4" Wide
TIP3931	Axle Spacer, 1/2" Wide
TIP3932	Axle Spacer, 3/4" Wide
TIP3933	Axle Spacer, 1" Wide
TIP3935	Axle Spacer, 2" Wide
TIP3936	Axle Spacer, 2-3/4" Wide
TIP3938	Axle Spacer, 3-1/4" Wide
TIP3940	Axle Spacer, 4-5/8" Wide
TIP3942	Axle Spacer, 7-3/4" Wide

REAR AXLE NUTS

Designed for use with 27-spline axles, rear axle nuts are sold in right side (LH thread) and left side (RH thread) versions. Sold each.

Part No.	Description
TIP3949	Right-Side Axle Nut, RH Threads
TIP3950*	Left-Side Axle Nut, LH Threads

*Axe nut has a notch on each corner of the flat sides to identify left-hand threads.



THE **WINNING ELEMENT**

MINI SPRINT

600 MINI SPRINT BUMPERS AND NERF BARS

NERF STEPS

Manufactured from durable stainless steel and polished to perfection. Universal design allows mounting to a variety of chassis.

Part No.	Description
TIP3980	Front Bumper
TIP3982	Stacked Front Bumper
TIP3984	Left Nerf Bar, Includes Quick Fastener Tab for Chain Guard
TIP3986	Right Nerf Bar

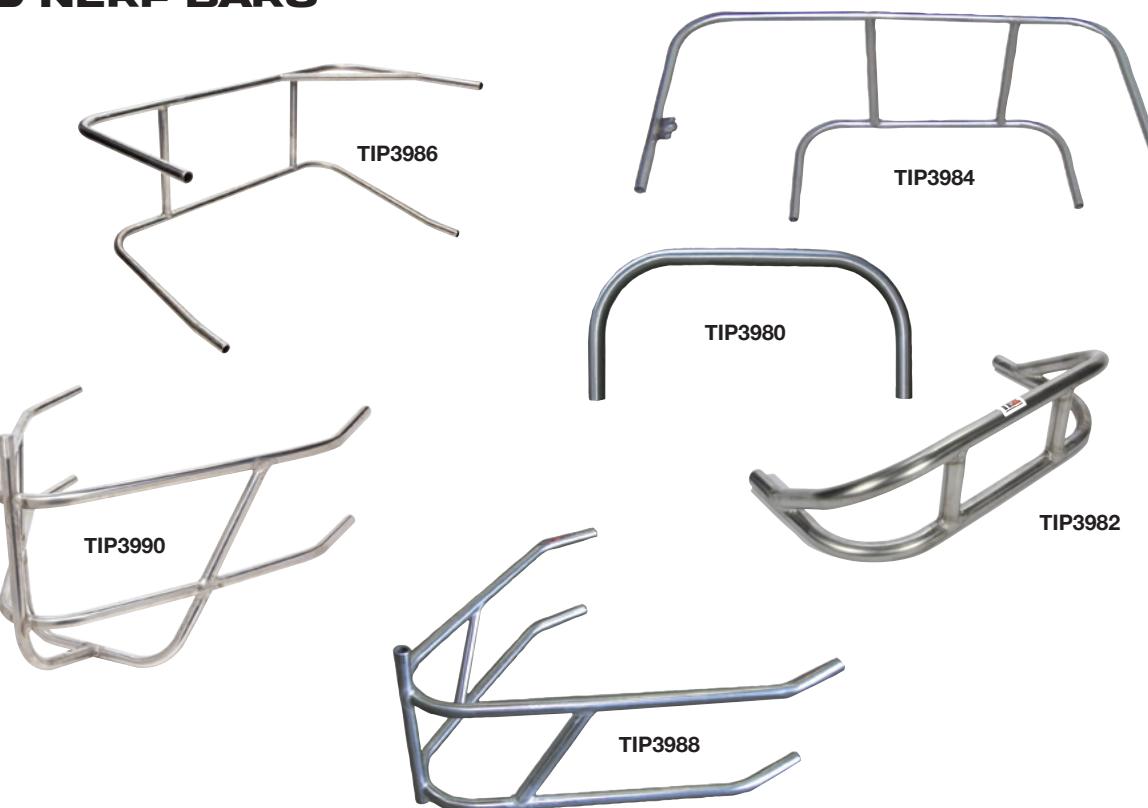
REAR BUMPERS

Part No.	Description
TIP3988	Rear-Bumper without Basket
TIP3990	Rear-Bumper with Basket

PIT STANDS FOR SPRINT CAR

TIP5414

These pit stands work great at the shop or at the track. Black powder-coated steel. Sold in pairs.



WHEEL BEAD BREAKER

TIP8502

Narrow-jaw breaker for 10" wheels. Black powder-coated steel.



TI22 MERCHANDISE

TI22 LOGO T-SHIRT

Part No.	SIZE
TIP9140S	Small
TIP9140M	Medium
TIP9140L	Large
TIP9140XL	X-Large
TIP9140XXL	2X-Large
TIP9140XXXL	3X-Large



TI22 SPORT-TEK HOODIE

Part No.	SIZE
TIP9210S	Small
TIP9210M	Medium
TIP9210L	Large
TIP9210XL	X-Large
TIP9210XXL	2X-Large
TIP9210XXXL	3X-Large



PLASTIC BAGS TIP048

Set of 25.



SPEAKER TUMBLER

Part No.	Desc.
TIP9050	20oz Stainless Steel



TI GUY KNIT BEANIE

Part No.	SIZE
TIP9070	One-Size-Fits-All



TI GUY HAT

Part No.	SIZE
TIP9074	Large/X-Large



TI22 DECAL

Part No.	SIZE
TIP0050	4" x 6"
TIP0060	12" x 14"



6" X 8" BLACK DECAL TIP0051



WARRANTY

THE WINNING ELEMENT

Ti22 Performance warrants each new 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 Ti22 Performance 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

THE WINNING ELEMENT

Ti22 Performance 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. Ti22 Performance 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.

SHIPPING

THE WINNING ELEMENT

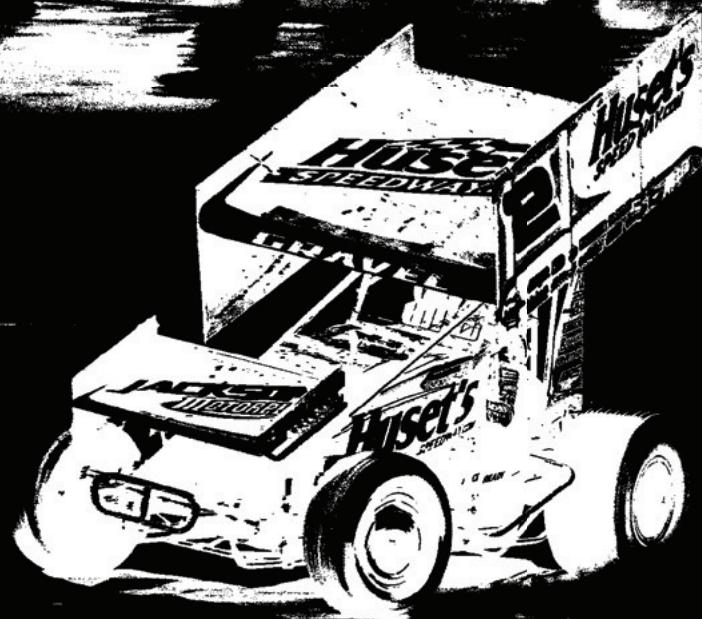
Standard FedEx Ground/Home Delivery is available for orders with delivery addresses within the US and territories, excluding PO Boxes and Rural Routes. USPS shipping is available for orders with a PO Box, Rural Route, or APO/FPO/DPO address. Orders shipped to a PO Box or Rural Route will arrive within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

HOW DO I RETURN THE PRODUCT?

THE WINNING ELEMENT

For fastest results, please click the CONTACT button on our website, www.ti22performance.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.

YOU CAN ALSO FIND US ON:



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 Ti22 Performance website at Ti22performance.com.
For additional information on Proposition 65, visit www.p65warnings.ca.gov/



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