

T H E W I N N I N G E L E M E N T

T122

P E R F O R M A N C E



2025  
2025  
2025



T122 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, T122 PERFORMANCE HAS RAISED THE BAR WITH SOME OF THE STRONGEST AND LIGHTEST COMPONENTS ON THE MARKET.

# T122



**THE WINNING ELEMENT**

---

---

# X CONTENTS

T H E W I N N I N G E L E M E N T

SECTION	DESCRIPTION	PAGE
REAR SUSPENSION	BIRDCAGES, JACOB'S LADDERS, & ACCESSORIES	4-8
FRONT END	FRONT AXLE, STEERING ARMS, FRONT END KITS	9-12
STEERING	PITMAN ARMS, STEERING BOX MOUNTS	13-14
SUSPENSION	RADIUS RODS, TIE RODS, DRAG LINKS, ROD ENDS	15-16
TORSION ARMS	FRONT/REAR TORSION ARMS	17-18
TORSION STOPS	TORSION COMPONENTS	19
TITANIUM	WING COMPONENTS, FASTENERS, TORSION COMPONENTS	21-27
BRAKE AND PEDAL	BRAKE COMPONENTS	28-31
DRIVELINE	TORQUE TUBES, U-JOINTS	32
WHEELS	WHEEL CENTER/DISCONNECTS	33
WING	TOP AND FRONT WING COMPONENTS	36-39
BUMPERS	BUMPERS, NERFS, FASTENERS	40-41
ENGINE	FILTERS, GUARDS, MOUNTS	42-46
TOOLS	MISCELLANEOUS SPRINT CAR TOOLS	48-50
BODY	SPRINT CAR BODY COMPONENTS	51-52
MINI SPRINT	EVERYTHING FOR MINI SPRINTS	53-62
APPAREL/DECALS	T122 PERFORMANCE, SHIRTS, HATS, HOODIES, DECALS	63

P  
E  
R  
F  
O  
R  
M  
A  
N  
C  
E



TITANIUM 47.867  
THE WINNING ELEMENT



OFFICIAL  
X  
HONDA  
NICE  
ZIMMERMAN  
FLORIDA

USAC  
RACING  
OFFICIAL  
HOOSIER

# WELCOME TO *T122*

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 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.



TIP2032



TIP2034



TIP2885

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

## 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.



TIP2022



TIP2024

Part ID	Description
TIP2022	Left-Side
TIP2024	Right-Side



# 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	•	•



TIP2115

### 3 - Lower Pickup Block



TIP2102

### 1 - Upper Pickup Cone



TIP2100

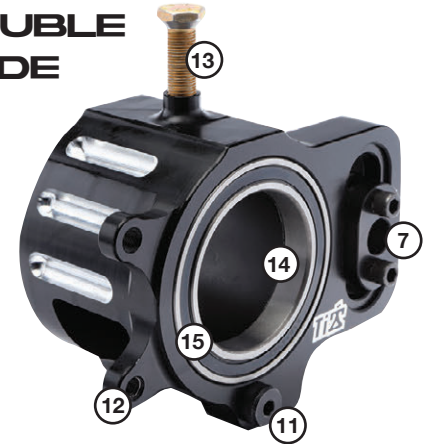
### PRO



### PRO



### DOUBLE WIDE



### FEATURES:

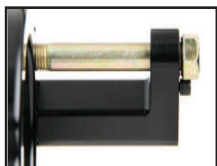
#### Tune-n-Loc Adjuster

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



- 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



# 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

TIP2028



TIP2026

## 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

TIP2044

TIP2042





# REAR SUSPENSION

## REPLACEMENT BIRDCAGE COMPONENTS FOR STANDARD AND NON-WING CAGES

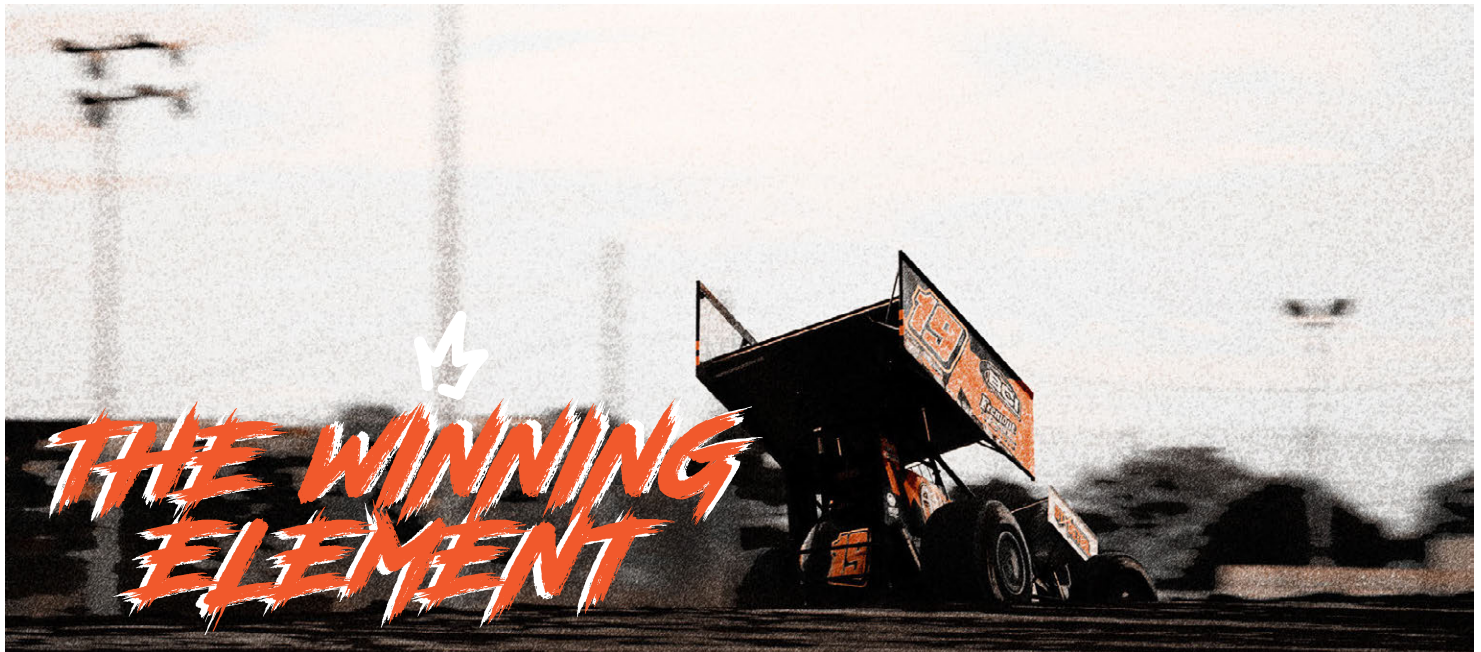
Part ID	Description
TIP2030	Bottom Flag
TIP2031	Top Stand-Off
TIP2110	Bearing
TIP2118	Spiral Lock Ring
TIP2029	Brake Mount
TIP2107	Grease Zerk



## 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.



# 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"	<b>TIP2430</b>	<b>TIP2431</b>
13-5/8"	<b>TIP2433</b>	<b>TIP2434</b>
14"	<b>TIP2436</b>	<b>TIP2437</b>

## 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.



MEASURED FROM CENTER PICK-UP TO THE BOLT

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

## 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 rue clip with easy-to-remove handle for the Jacob's Ladder to birdcage
- (2) Nylatron spacers for Jacob's Ladder straps



TIP1070

TIP1570

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



## ADDITIONAL JACOB'S LADDER PARTS AND ACCESORIES

Part ID	Description
<b>TIP2425</b>	Carbon Fiber Jacob's Ladder Cover
<b>TIP2420</b>	Jacob's Ladder Strap 4 Pk.
<b>TIP2421</b>	Jacob's Ladder Strap
<b>TIP2427</b>	Titanium Allen-Head Ladder Strap Bolt Kit 1-3/4"



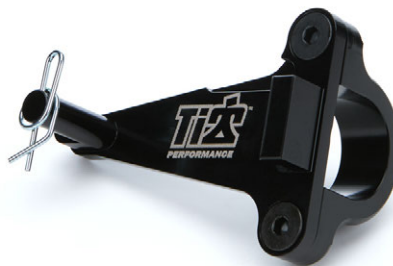
TIP2425

TIP2420

TIP2427

## TRANSPONDER MOUNT NEW TIP2950

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



# FRONT END

## 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

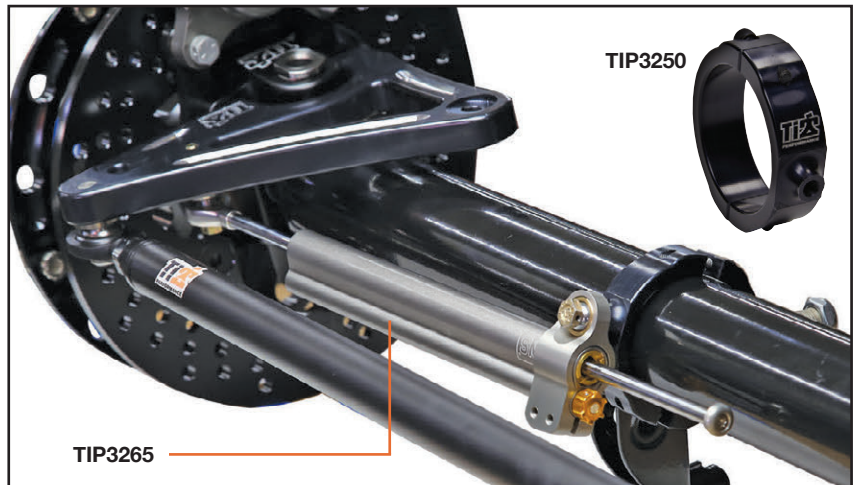


## STEERING DAMPER

### 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
<b>Related Components</b>	
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



TIP2801



TIP2800



## 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.



TIP2830



TIP8537



TIP2813

## 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



TIP2810



TIP2821



# FRONT END

## OUTLAW ADJUSTABLE CAMBER AXLE NEW

### 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.



## CAMBER SLEEVES NEW

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



TIP2142



TIP2149

## OUTLAW ADJUSTABLE FRONT AXLE

Front Axle Assembly is 50" or 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"

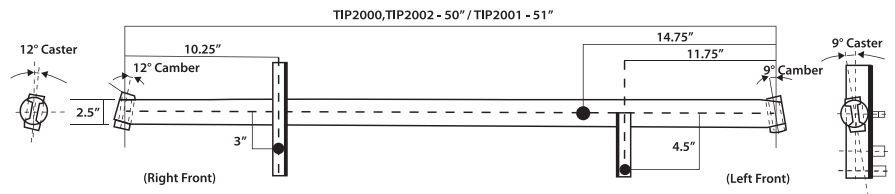


## STANDARD 50" & 51" FRONT AXLES

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.



TIP2001

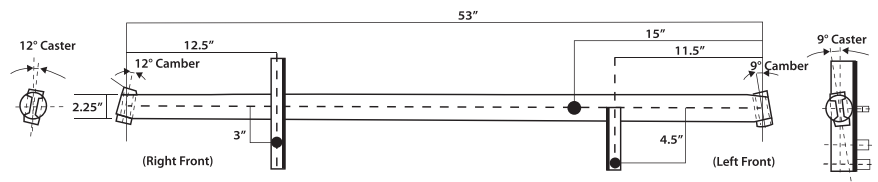


TIP2003

## 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.



# 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 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.



## 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, Each
TIP2857	Lock Nut Set Screws, Two
TIP2858	Spindle Nut, Keyed Washer
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



# STEERING

## 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

## HALF BOX STEERING GEAR MOUNTS

### TIP3070

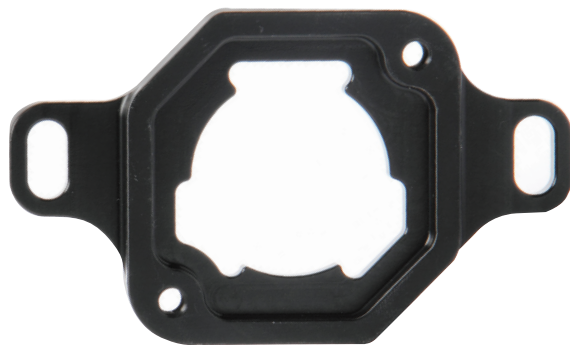
Designed for quick installation and removal of the steering gear box. Three hex-cut slots eliminate the need to remove snap ring and end cap, and allow the steering box to slide easily into place. Mounts are CNC-machined from 3/8" thick billet aluminum. Pocketed for strength and weight savings; weighs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



## 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



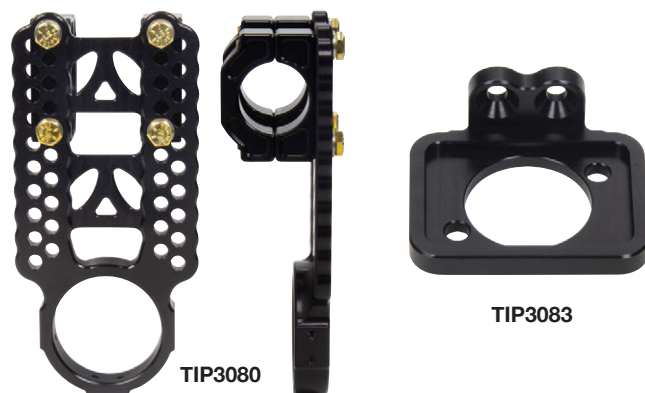
TIP4140

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



# SUSPENSION

## 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	Size	Black Anodized	Raw Aluminum
18"	<b>TIP2500-18</b>	<b>TIP2510-18</b>	21.5"	<b>TIP2500-215</b>	<b>TIP2510-215</b>
18.5"	<b>TIP2500-185</b>	<b>TIP2510-185</b>	22"	<b>TIP2500-22</b>	<b>TIP2510-22</b>
19"	<b>TIP2500-19</b>	<b>TIP2510-19</b>	22.5"	<b>TIP2500-225</b>	<b>TIP2510-225</b>
19.5"	<b>TIP2500-195</b>	<b>TIP2510-195</b>	23"	<b>TIP2500-23</b>	<b>TIP2510-23</b>
20"	<b>TIP2500-20</b>	<b>TIP2510-20</b>	23.5"	<b>TIP2500-235</b>	<b>TIP2510-235</b>
20.5"	<b>TIP2500-205</b>	<b>TIP2510-205</b>	24"	<b>TIP2500-24</b>	<b>TIP2510-24</b>
21"	<b>TIP2500-21</b>	<b>TIP2510-21</b>	24.5"	<b>TIP2500-245</b>	<b>TIP2510-245</b>
			25"	<b>TIP2500-25</b>	<b>TIP2510-25</b>



TIP2510-18



TIP2500-18

## 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
<b>TIP2520-225</b>	22.5"
<b>TIP2520-23</b>	23"
<b>TIP2520-235</b>	23.5"



## ROD ENDS

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

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



TIP8250

TIP8251

TIP8260

TIP8264

TIP8266

## JAM NUTS

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

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



TIP8270

TIP8271

TIP8272

TIP8273

TIP8276

TIP8277



# 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
<b>Tie Rods</b>				
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



TIP3100-46



TIP3110-46

## 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

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
<b>S-Bend Drag Links</b>				
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



TIP3101-49



TIP1160

TIP1164

TIP1166

## 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

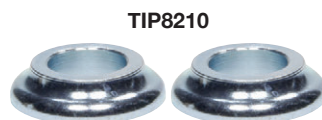


TIP1180

## 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



TIP8221



TIP8224

# TORSION ARMS

## FRONT TORSION ARMS

Ti22's 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 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
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 **NEW**

**NEW** 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
<b>TIP2330 NEW</b>	Billet Right	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
<b>TIP2301</b>	Standard Right	Aluminum
<b>TIP2300</b>	Standard Right	Aluminum Black
<b>TIP2311</b>	Standard Left	Aluminum
<b>TIP2310</b>	Standard Left	Aluminum Black
<b>TIP2321</b>	Billet Left	Aluminum Black
<b>TIP2323</b>	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 .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.



TIP2340

TIP2342

# TITANIUM

*THE WINNING ELEMENT*



# TITANIUM

## 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

## FRONT ROTOR BOLTS

### TIP1080

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



## FRONT CALIPER MOUNT BOLTS

### TIP1084

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



## WHEEL CENTER BOLT KIT

### TIP1015

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



## 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.



## 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 **NEW**

### TIP2858

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

## U-JOINT BOLT KIT

### TIP1140

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



## 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.





# TITANIUM

## 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.



## 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.



## 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.



## TETHER KING PIN KIT

### TIP2018

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



## 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.



## 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.



# 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.



## 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.



## 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.



## 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, 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



TIP4105

# TITANIUM

## ROCK SCREEN

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

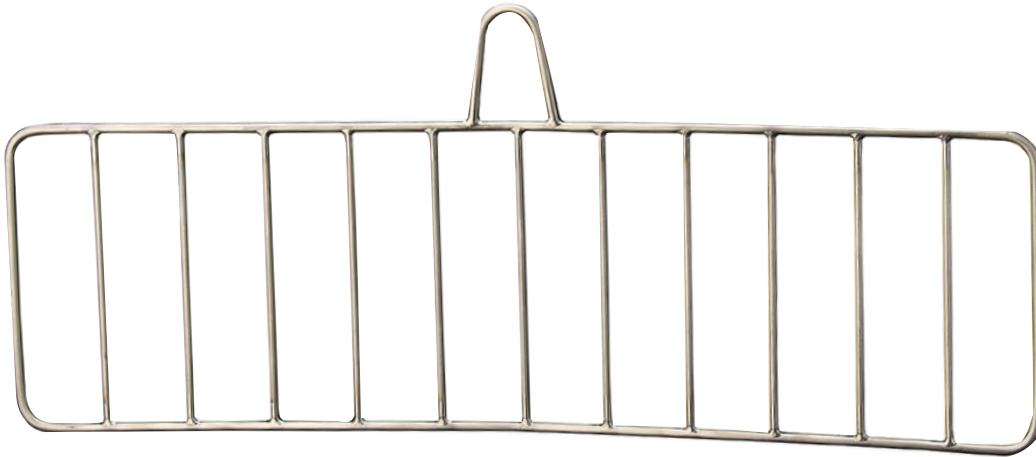
Part No.	Description
<b>TIP4021</b>	Rock Screen
<b>Replacement Parts</b>	
<b>TIP4126</b>	Rock Screen Clamp w/ Titanium Bolts
<b>TIP1210</b>	Titanium Rock Screen 1-3/8" Bolts, Pk. of 2



TIP4126



TIP1210



TIP4021

## 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
<b>TIP3885</b>	Rock Screen
<b>Replacement Parts</b>	
<b>TIP3886</b>	Rock Screen Clamp 1-1/4"



TIP3886



TIP3885

# TITANIUM

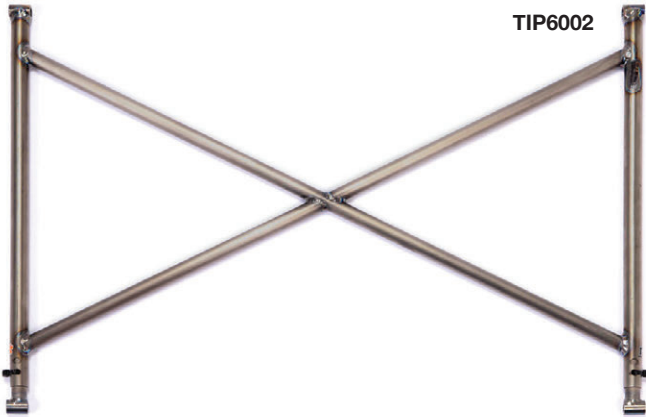
## WING TREE

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

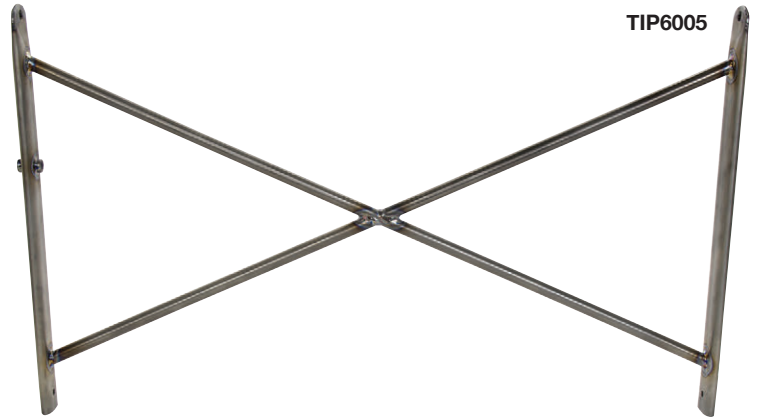
Part No.	Description
TIP6002	Titanium Wing Tree with Inserts
TIP6012	Titanium Wing Tree Insert
TIP6005	Titanium Wing Tree, Round with Inserts



TIP6012



TIP6002



TIP6005

## 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"



TIP6118



TIP6119

## TOP WING PIN KITS

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



TIP6115



TIP6116

# BRAKES AND PEDALS

## 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



## SEAT BACK AND BOTTOM MOUNTING SPACER KIT

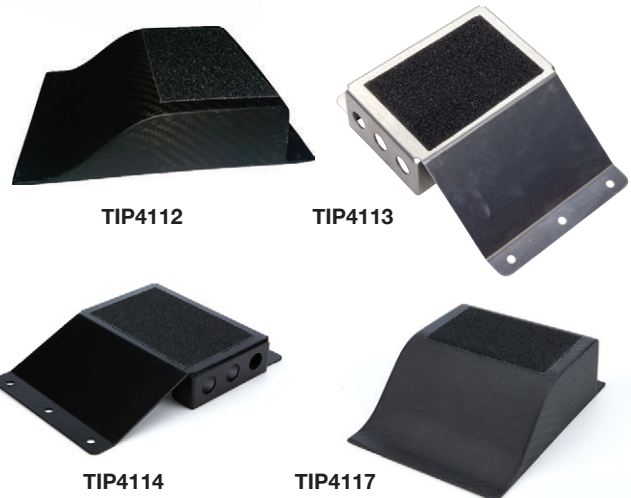
Part No.	Description
TIP4140	Seat Spacer Kit, 1/4" to 2", 5 pcs. Back
TIP4146	Seat Spacer, 2" only, Back
TIP4152	Seat Spacer, 1" Bar, 3 pcs. Bottom
TIP4150	Seat Spacer, 1-1/4" Bar, 3 pcs. Bottom



## HEEL RISERS

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

Part No.	Style
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 NEW	Black Anodized Aluminum, 2" Tall
TIP4117 NEW	Carbon Fiber, 2" Tall
TIP4118 NEW	Aluminum, 2"



## 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
TIP1584	Steel Kit



# 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	Part No.	Style
<b>10-1/8" Rotors</b>		<b>10-7/8" Rotors</b>	
TIP4012	Black	TIP4010	Black
TIP4013	Clear	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.



FRONT

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



## 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



## 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 swedged 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



## 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



# DRIVE LINE

## TORQUE TUBE STUD KIT **NEW**

### 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.



## 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.

## 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
<b>Replacement Components</b>	
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



TIP4710

## 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



TIP4714



TIP4712



## 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
<b>Replacement Components</b>	
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

## 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 <b>NEW</b>	16-spline



TIP4735

# 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



TIP2898

TIP2890

## REAR 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



## AXLE SPACER KIT

**TIP2880**

Easily adjust wheel spacing on the axle with these black anodized billet aluminum axle spacers. 10-piece kit includes (2) 3/8", (2) 3/4", and (1) 2" straight spacers, (2) 1" splined spacers, and (1) 1-1/4", (1) 2", and (1) 2-1/2" tapered splined spacers.



## SPRINT INNER WHEEL COVER NEW

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



## WHEEL BOLT KITS

Part No.	Description
TIP1010	TIP1010 Titanium beadlock bolt kit includes (16) lightweight 5/16"-18 x 1" long hex-head bolts for added weight savings.
TIP1015	TIP1015 Titanium wheel center bolt kit includes (15) lightweight 5/16"-24 x 1" long hex-head bolts for added weight savings.



TIP1010

## 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	Part No.	Description	Material
TIP4400	Wheel Disconnect	Black Aluminum	TIP4409	Valve Grommets, 4 Pk	Rubber
TIP4402	Wheel Disconnects, 4 Pk	Black Aluminum	TIP4410	Bleeder Plugs, 2 Pk	Plastic
TIP4404	Wheel Disconnect	Plastic	TIP4413	Thread-On Bleeder Screen	Aluminum
TIP4406	Wheel Disconnects, 4 Pk	Plastic	TIP4415	Schrader Valves, 2 Pk	Aluminum
TIP4408	Sealing Washers, 4 Pk	Steel/Rubber	TIP4417	Bleeder Hose End	Aluminum



TIP4400

TIP4404

## 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

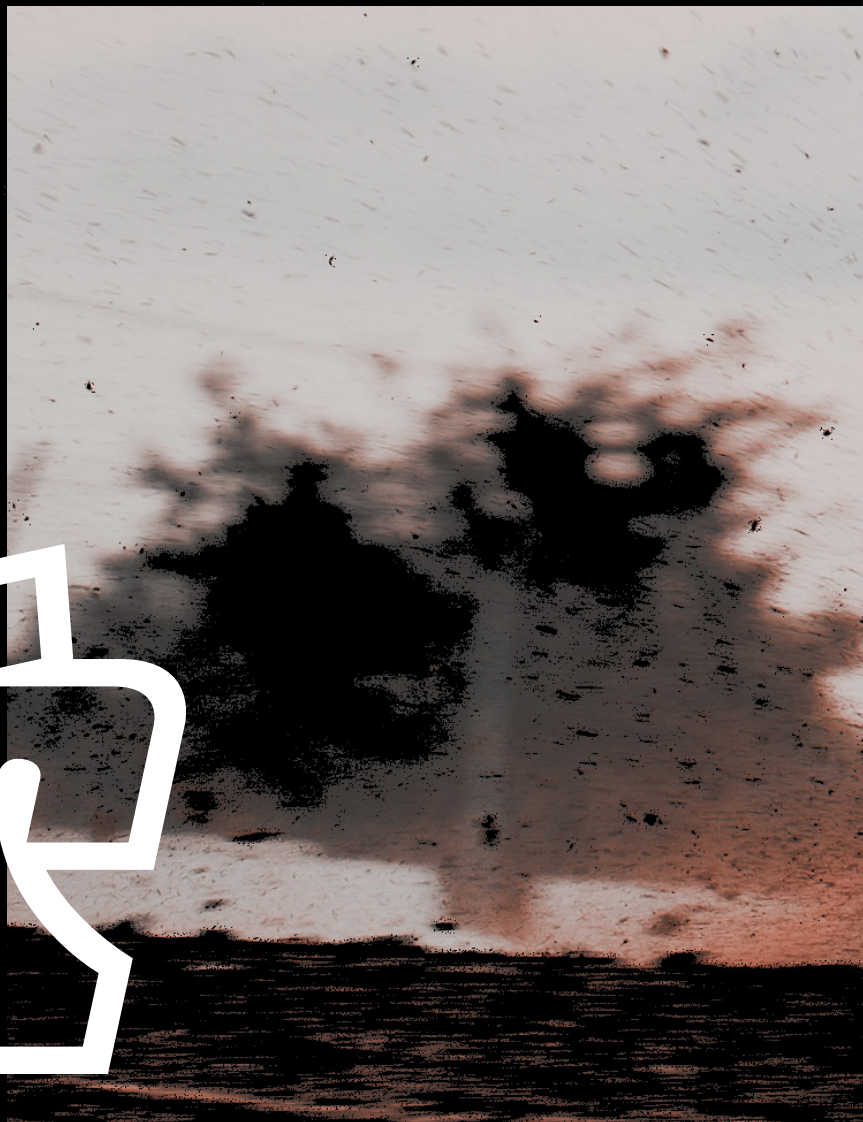


TIP4440

WE ARE

THE WINNING  
ELEMENT

THE



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 raised the bar 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.

T H E W I N N I N G E L E M E N T

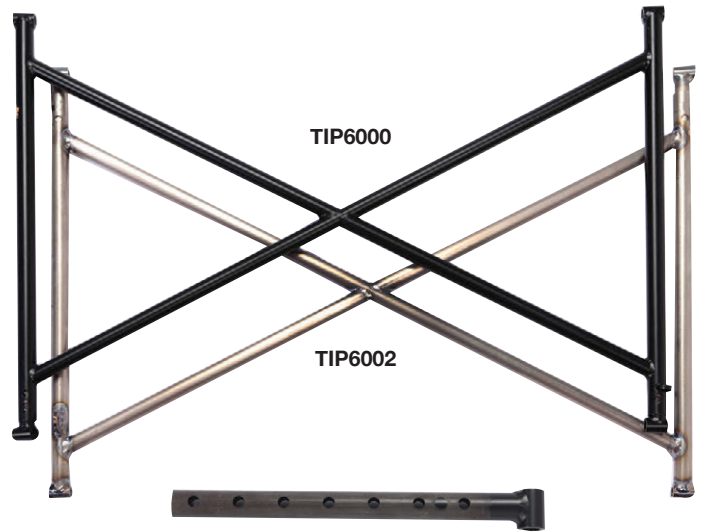


# WING

## 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 accommodate 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



Insert with 1/4" Offset  
TIP6010

## 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
TIP6118	Wing Cylinder Stud	5/16"-24 Titanium
TIP6119	Wing Cylinder Stud	3/8"-24 Titanium



## WING CYLINDER CLAMP

### TIP6038

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



## 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



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"



## 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



## NOSE WING POSTS

### TIP6103

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



## 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



# 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"



TIP6134 TIP6135

## 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

## 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. 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
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



TIP6122 TIP6123 TIP6120 TIP6121



## 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 3/4" of extra 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



TIP6129

TIP6131

## FLAT NOSE WING STRAPS

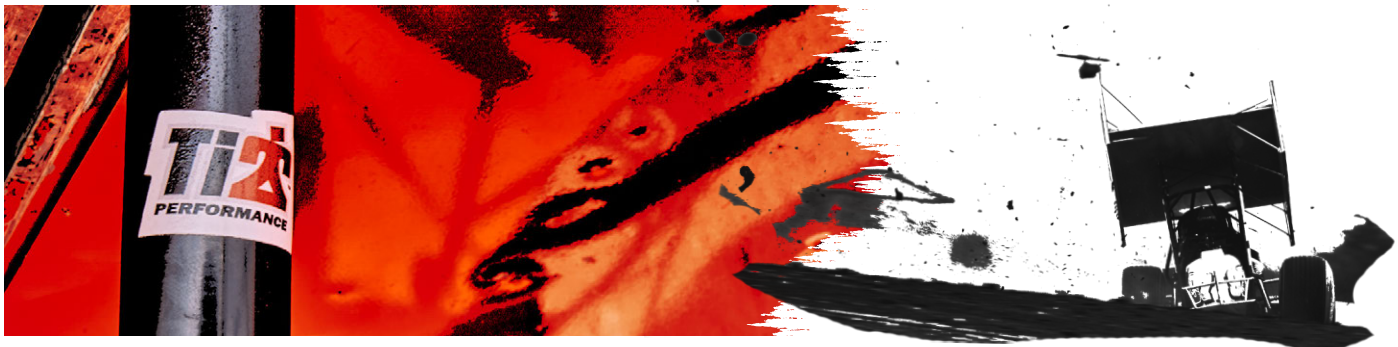
Ti22 Flat Nose Wing Straps are available in natural or black powder-coated stainless steel, and weigh only 5 oz. Overall dimensions are 11-1/2" L x 1-1/8" W, height is adjustable between 7-3/4" and 10-1/2" in 3/4" increments. Sold individually.

Part No.	Material
TIP6156	Stainless
TIP6157	Black Stainless



TIP6156

TIP6157



## 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



TIP6159

TIP6158

# BUMPERS

## BUMPERS & NERFS

Fabricated from 1" O.D. stainless steel, 4130 chromoly, or aluminum. Bumpers and nerfs feature specially swaged 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 NEW	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 NEW	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 NEW	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

TIP7008



TIP7009 NEW



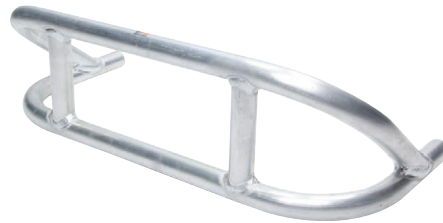
TIP7010



TIP7000



TIP7003



TIP7011



TIP7001



TIP7005



TIP7012



TIP7002



TIP7006



TIP7013



# BUMPERS

TIP7014



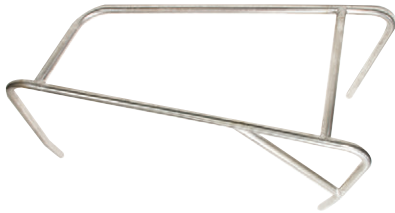
TIP7022



TIP7031



TIP7015



TIP7016 **NEW**



TIP7032



TIP7020



TIP7024



TIP7033



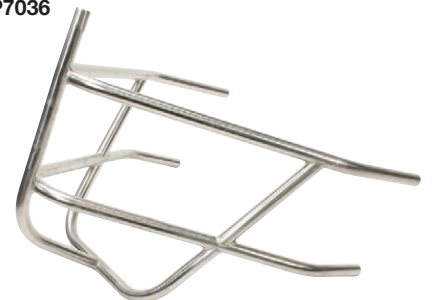
TIP7021



TIP7025 **NEW**



TIP7036



TIP7030



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.

# ENGINE

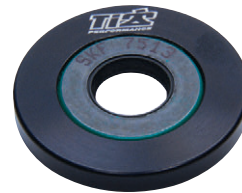
## BILLET CAM PLATE SEAL

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



TIP5089



TIP5080

## 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.



## 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 .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.



## SPARK PLUG GUARDS

### TIP5100

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



# ENGINE

## HEADER GUARDS **NEW**

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

Part No.	Description
TIP5108	Right-Side Header Guard
TIP5109	Left-Side Header Guard



## EXHAUST PORT BLOCKOFFS

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

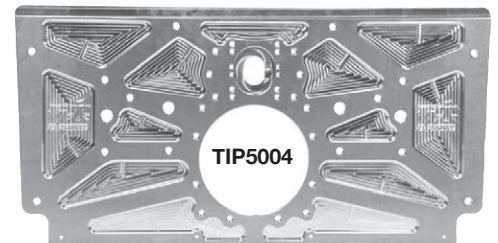
Part No.	Description
TIP5120	Aluminum Exhaust Port Blockoffs - Spreadport
TIP5124	Aluminum Exhaust Port Blockoffs - Standard Port



## 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



## THROTTLE PEDALS

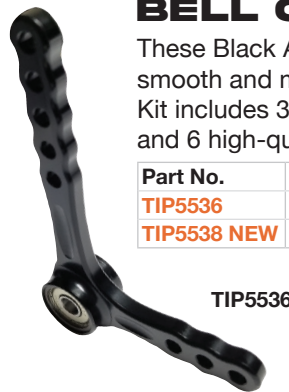
Part No.	Description
TIP4100	Frame Mount
TIP4103	Floor Mount, Plain
TIP4104	Floor Mount, Black
TIP4105	Frame Mount, Titanium



## 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 <b>NEW</b>	Bell Crank Throttle-Linkage Kit



## SPRINT CAR HOOD, TANK, AND TIRE COVERS

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

Part No.	Description
TIP5460	Tank Cover
TIP5465	Hood Blanket
TIP5466	Deluxe Hood Blanket with Header Heat Shield
TIP5470 <b>NEW</b>	Kit with Right and Left Cover
TIP5472 <b>NEW</b>	Right Rear Cover



# ENGINE

## 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 **NEW**

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



## 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.



TIP5506

Part No.	Description
TIP5506	-6AN
TIP5508	-8AN
TIP5510	-10AN
TIP5512	-12AN
Replacement Components	
TIP5520	Replacement Element
TIP5522	Replacement O-Ring Kit

## 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

## 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

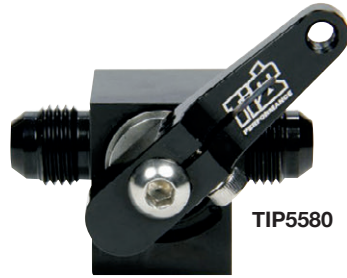


TIP5540

# ENGINE

## 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



TIP5585

## 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



TIP4200

TIP4202

TIP4204



TIP5132

TIP5134

## EXTERNAL OIL TANK HEATERS NEW

Preheating oil ensures lubrication on initial start-up and increases horse-power and is commonly used in racing environments where quick engine warm-up is essential for optimal performance. Ti22's engine oil heaters feature a clean black silicone exterior and 110-volt operation.



TIP5130

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

## 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
TIP5178	Tubing Coupler, Straight, 1-1/2" I.D., 3" Long
TIP5179	Tubing Coupler, Straight, 1-3/4" I.D., 3" Long



TIP5160

TIP5161

TIP5162

TIP5165

TIP5170

TIP5178

TIP5179

# ENGINE



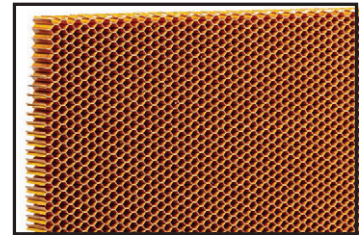
## SPRINT RADIATOR **NEW** TIP5200

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

## 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 **NEW**

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 LINKAGE KIT **NEW** TIP5538

Includes 3 Aluminum Rods,  
2 Bell Cranks, and 6 high-quality  
mini rod ends.



## THROTTLE ROD COMPONENTS **NEW**

Part No.	Description
TIP5650	Quick-Release Throttle Disconnect
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



TIP5664



TIP5657

## DOUBLE BEARING BELL CRANKS TIP5536

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





REDEFINING  
SPEED

PERFORMANCE  
SPEED

PERFORMANCE

# 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.

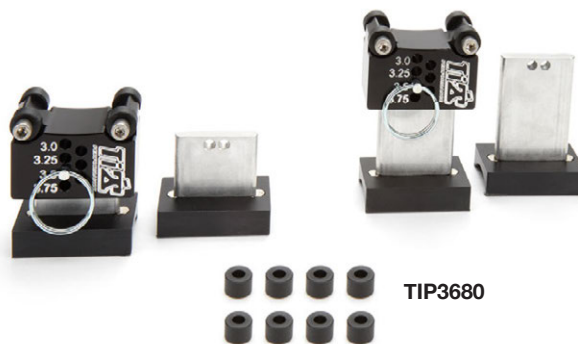
Part No.	Description
<b>TIP2980</b>	Short Set-Up Blocks, 1-3/4"-4", Pair
<b>TIP2981</b>	Tall Set-Up Blocks, 3"-6", Pair
<b>TIP2985</b>	Set-Up Block Hardware Kit, Includes (2) Quick-Release Pins & (8) Screws
<b>TIP2986</b>	Accessory Set-Up Rollers, Pair
<b>TIP2987</b>	Accessory Set-Up Cups, Pair
<b>TIP3680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



TIP2986



TIP2981



TIP3680

## BEAD BREAKERS

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



TIP8507



TIP8504

## TIRE TOOLS

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



TIP5480

# 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.



## -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.



## FRONT HUB NUT WRENCH

**TIP8537**

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



## QUICK WRENCH

**TIP8535**

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



## 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
<b>Replacements Parts</b>	
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



## 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.



## 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.



## 6-PIECE RUBBER TIE-DOWN STRAP KIT

### TIP8512

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



# BODY COMPONENTS

## FIRE BOTTLE CLAMP **NEW**

### 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.



## 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.



TIP8308

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

## 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



# BODY COMPONENTS

## QUICK-TURN BUTTONS

Part No.	Description	Quantity
TIP8100	Oval-Head Quick-Turn Buttons, 0.500" Long	10 Pk.
TIP8100-50	Oval-Head Quick-Turn Buttons, 0.500" Long	50 Pk.
TIP8102	Oval-Head Quick-Turn Buttons, Black, .500" Long	10 Pk.
TIP8102-50	Oval-Head Quick-Turn Buttons, Black, .500" Long	50 Pk.
TIP8104	Oval-Head Quick-Turn Buttons, 0.550" Long	10 Pk.
TIP8104-50	Oval-Head Quick-Turn Buttons, 0.550" Long	50 Pk.
TIP8106	Oval-Head Quick-Turn Buttons, Black, .550" Long	10 Pk.
TIP8106-50	Oval-Head Quick-Turn Buttons, Black, .550" Long	50 Pk.
TIP8108	Large Head Quick-Turn Buttons 0.500" Long	10 Pk.
TIP8108-50	Large Head Quick-Turn Buttons 0.500" Long	50 Pk.
TIP8110	Large Head Quick-Turn Buttons, Black, .500" Long	10 Pk.
TIP8110-50	Large Head Quick-Turn Buttons, Black, .500" Long	50 Pk.
TIP8120	Steel Quick-Turn Springs	10 Pk.
TIP8120-50	Steel Quick-Turn Springs	50 Pk.
TIP8150	Quick-Turn Mounting Bracket, 1-1/4" Tubing	1
TIP8151	Quick-Turn Mounting Bracket, 1-3/8" Tubing	1
TIP8152	Quick-Turn Mounting Bracket, 1-1/2" Tubing	1
TIP8153	Quick-Turn Mounting Bracket, 1-5/8" Tubing	1
TIP8160	Quick-Turn Fastener, 7/16" x 0.500", Aluminum, Natural	10 Pk.
TIP8160-50	Quick-Turn Fastener, 7/16" x 0.500", Aluminum, Natural	50 Pk.
TIP8161	Quick-Turn Fastener, 7/16" x 0.500", Aluminum, Black Anodized	10 Pk.
TIP8161-50	Quick-Turn Fastener, 7/16" x 0.500", Aluminum, Black Anodized	50 Pk.
TIP8162	Quick-Turn Fastener, 7/16" x 0.500", Steel, Zinc Oxide	10 Pk.
TIP8162-50	Quick-Turn Fastener, 7/16" x 0.500", Steel, Zinc Oxide	50 Pk.
TIP8163	Quick-Turn Fastener, 7/16" x 0.500", Steel, Zinc Oxide	10 Pk.
TIP8163-50	Quick-Turn Fastener, 7/16" x 0.500", Steel, Zinc Oxide	50 Pk.
TIP8164	Quick-Turn Fastener, 7/16" x 0.500", Oversized Head, Aluminum, Natural	10 Pk.
TIP8164-50	Quick-Turn Fastener, 7/16" x 0.500", Oversized Head, Aluminum, Natural	50 Pk.
TIP8165	Quick-Turn Fastener, 7/16" x 0.500", Oversized Head, Aluminum, Black Anodized	10 Pk.
TIP8165-50	Quick-Turn Fastener, 7/16" x 0.500", Oversized Head, Aluminum, Black Anodized	50 Pk.



TIP8150



TIP8161



TIP8102



TIP8100

## 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.

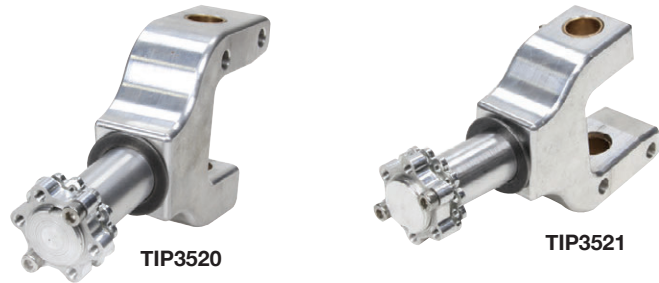
Part No.	Description
TIP3542	Aluminum
TIP3543	Black



### 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



### 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



### 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



# 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



## MINI SPRINT FRONT HUBS

Black anodized front wheel hub feature a lightweight direct-mount design and include standard bearings.

Part No.	Description
TIP3561	Driver Side, Standard Bearings, Aluminum, Black
TIP3562	Passenger Side, Standard Bearings, Aluminum, Black
TIP3564	Driver Side, REM Bearings, Aluminum, Black
TIP3565	Passenger Side, REM Bearings, Aluminum, Black
Replacements Parts	
TIP3570	Hub Cap for Front Hubs



## 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



### 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



TIP3608



# 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



TIP3621



TIP3624



TIP3625



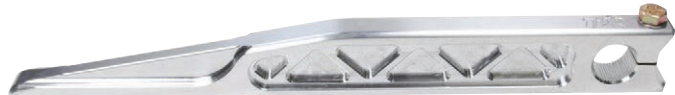
TIP3626



TIP3627



TIP3610



TIP3611



TIP3614

### 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



TIP3631



TIP3633

### 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.



### RADIUS RODS

Rigid aluminum radius rods include 7/16" threads. Choose from polished or black anodized finish.

Part No.	Description
TIP3702-20	Left-Rear, 20" Long, Black, Each
TIP3702-21	Right-Rear, 21" Long, Black, Each
TIP3706-20	Left-Rear, 20" Long, Polished, Each
TIP3706-21	Right-Rear, 21" Long, Polished, Each



TIP3702-20



TIP3706-20

### 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



### 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



### 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
<b>TIP3750</b>	3/8"-24, RH Thread, Nickel-Plated, Each
<b>TIP3751</b>	3/8"-24, LH Thread, Nickel-Plated, Each
<b>TIP3752</b>	7/16"-20, LH Thread, 3-Pc., Black Anodized, Each
<b>TIP3753</b>	7/16"-20, RH Thread, 3-Pc., Black Anodized, Each
<b>TIP3756</b>	7/16"-20, LH Thread, Nickel-Plated, Each
<b>TIP3757</b>	7/16"-20, RH Thread, Nickel-Plated, Each



TIP3750



TIP3753

## 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
<b>TIP3960</b>	Jacob's Ladder, Chrome
<b>TIP3962</b>	Jacob's Ladder, Black



TIP3960

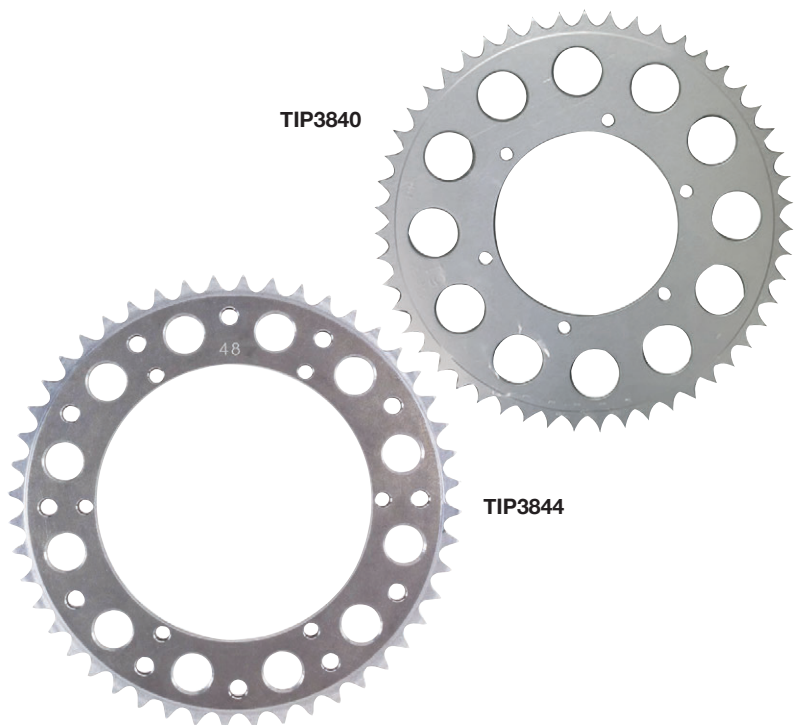
TIP3962

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

## 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.	6.43" Bolt Circle
<b>TIP3841-40</b>	40T
<b>TIP3841-41</b>	41T
<b>TIP3841-42</b>	42T
<b>TIP3841-43</b>	43T
<b>TIP3841-44</b>	44T
<b>TIP3841-45</b>	45T
<b>TIP3841-46</b>	46T
<b>TIP3841-47</b>	47T
<b>TIP3841-48</b>	48T
<b>TIP3841-49</b>	49T
<b>TIP3841-50</b>	50T
<b>TIP3841-51</b>	51T
<b>TIP3841-52</b>	52T
<b>TIP3841-53</b>	53T
<b>TIP3841-54</b>	54T
<b>TIP3841-55</b>	55T
<b>TIP3841-56</b>	56T
<b>TIP3841-57</b>	57T
<b>TIP3841-58</b>	58T
<b>TIP3841-61</b>	61T
<b>TIP3841-62</b>	62T
<b>TIP3841-63</b>	63T



TIP3840

TIP3844

# 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



### 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



### 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



### 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

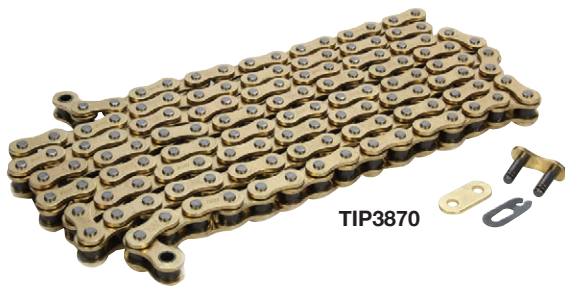
Part No.	Description
TIP3810	Clutch Lever, Cable Holder/Adjuster, Clamps to Shifter, 7/8" O.D. Tube, Black
TIP3812	Shift Lever, Fits Left Side of Chassis, 4130 Chrome Moly, Black
TIP3813	Shift Lever to Motor Linkage, Aluminum, 4" Long, Includes (2) Rod Ends and (1) Jam Nut
TIP3815	Throttle Cable, Yamaha 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



TIP3810



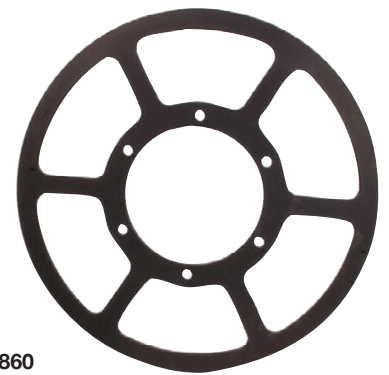
TIP3864



TIP3870



TIP3860



TIP3817



TIP3815



TIP3813



TIP3812



TIP3862



TIP3865

# 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



TIP3905



TIP3906

### 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 finished. 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



TIP3909



TIP3912

## 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
TIP3970	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, Chrome
TIP3971	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, Chrome
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



TIP3973

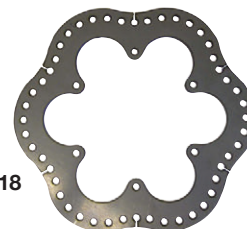


TIP3972

### 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 finished.

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.



TIP3918



TIP3916

# MINI SPRINT

## 600 MINI SPRINT REAR END COMPONENTS

### 600 MINI SPRINT U-JOINT **NEW** TIP3655

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



### 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, 2-3/8" Wide
TIP3938	Axle Spacer, 3-1/4" Wide
TIP3940	Axle Spacer, 4-5/8" Wide
TIP3942	Axle Spacer, 7-3/4" Wide



### 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



### 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

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



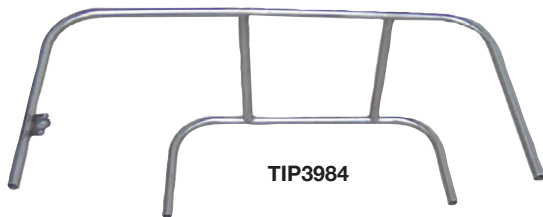
# MINI SPRINT

## 600 MINI SPRINT BUMPERS AND NERF BARS

### NERF STEPS

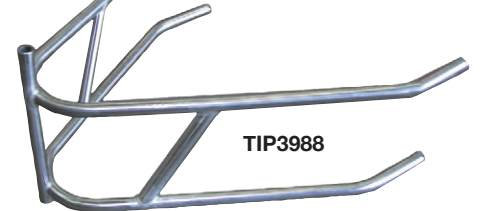
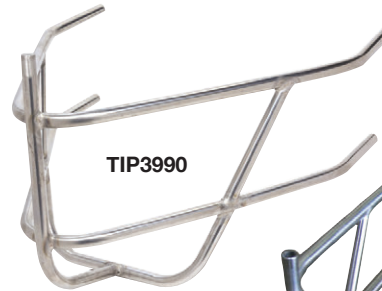
Manufactured from durable stainless steel and polished to perfection. Universal design allows mounting to a variety of chassis.

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 both 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.





# Ti2 MERCHANDISE

## Ti22 LOGO T-SHIRT

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



## TI GUY KNIT BEANIE

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



## Ti22 SOFT STYLE SHIRTS

Part No.	SIZE
TIP9142S	Small
TIP9142M	Medium
TIP9142L	Large
TIP9142XL	X-Large
TIP9142XXL	2X-Large
TIP9142XXXL	3X-Large



## TI GUY HAT

Part No.	SIZE
TIP9074	Large/X-Large



## Ti22 SPORT-TEK HOODIE

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



## Ti22 DECAL

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



## PLASTIC BAGS

TIP048

Set of 25.



## 6" X 8" BLACK DECAL

TIP0051





# WARRANTY

T H E W I N N I N G E L E M E N T

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

T H E W I N N I N G E L E M E N T

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

T H E W I N N I N G E L E M E N T

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?

T H E W I N N I N G E L E M E N T

For fastest results, please click the CONTACT button on our website, [www.ti22performance.com](http://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.

P  
E  
R  
F  
O  
R  
M  
A  
N  
C  
E

THE WINNING ELEMENT



THE WINNING ELEMENT

THE WINNING ELEMENT

*YOU CAN ALSO FIND US ON:*

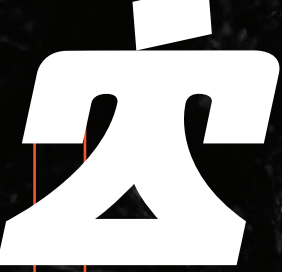


**⚠️ WARNING! Cancer and Reproductive Harm. [www.p65warnings.ca.gov/](http://www.p65warnings.ca.gov/)**

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](http://Ti22performance.com).

For additional information on Proposition 65, visit [www.p65warnings.ca.gov/](http://www.p65warnings.ca.gov/)



THE WINNING ELEMENT

**T**  
**25**  
 BUYERS  
 GUIDE



8300 LANE DRIVE  
 WATERVLIEET MI 49098  
 844.353.6822  
 T122PERFORMANCE.COM



TIP100