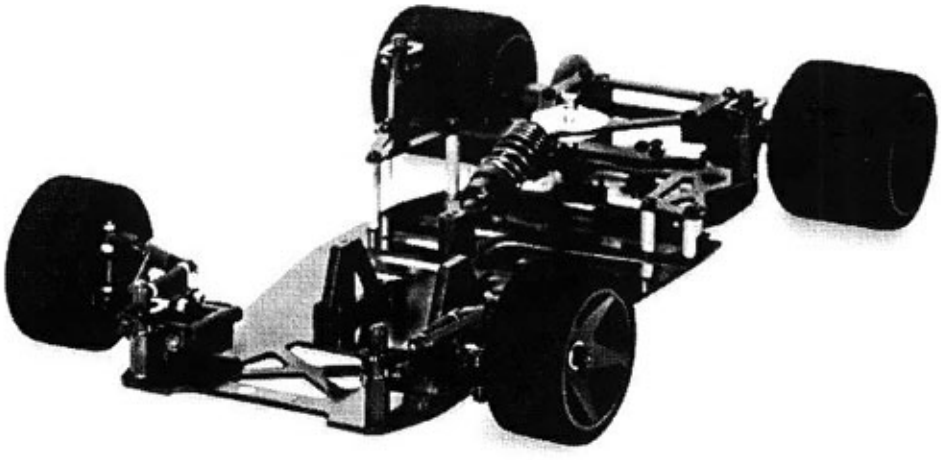
Owner's Manual

STREET MACHINE

ROAD STAR

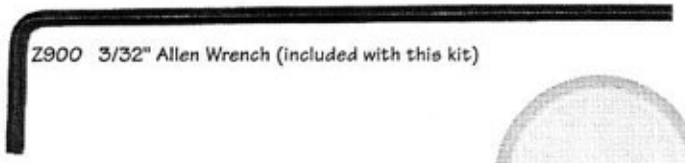


HPI

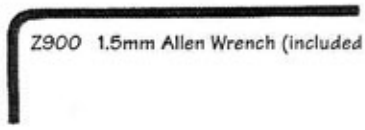
22600-C LAMBERT STREET, SUITE 904 • EL TORO, CALIFORNIA 92630 • (714) 837-3250 • (714) 837-3251 FAX

Thank you for selecting this HPI racing car! This kit is designed to be easy to build and uses top quality parts for durability and performance. The staff at HPI Racing tries hard to make everything easy to build and trouble-free. If you have any problem with this kit, give us a call and we will do our best to help you.

Tools

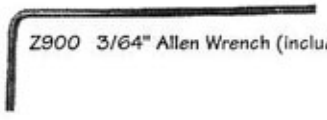


Z900 3/32" Allen Wrench (included with this kit)

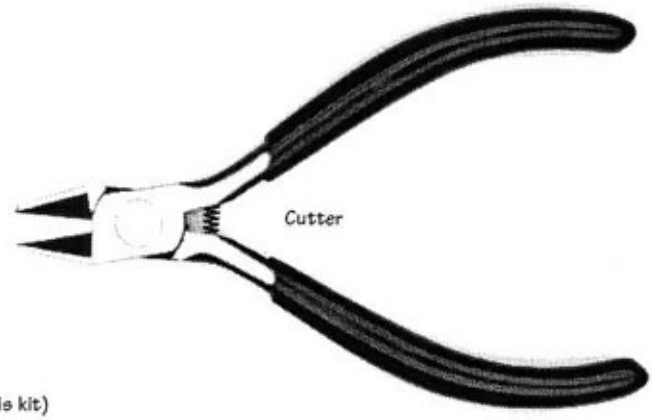


Z900 1.5mm Allen Wrench (included with this kit)

Z155 Heavy Silicone Lube (included with this kit)



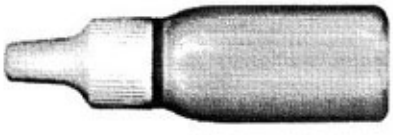
Z900 3/64" Allen Wrench (included with this kit)



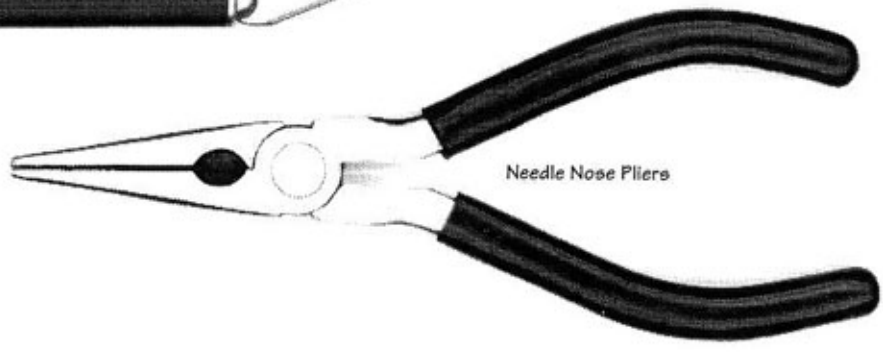
Cutter

Phillips Screwdriver

Hobby Knife



6151 Shock Oil **Road Star only**



Needle Nose Pliers

R/C Tips

R/C cars are fun to drive, but be aware that driving them in the wrong places can cause serious damage. Never drive near real cars, animals, or people that are unaware that an R/C car is being driven.

NEW DRIVER TIP When learning to drive, go to an area that has no obstacles that can damage your car if you have a crash. Stay away from curbs, parked cars, poles, etc. Always wear shoes when driving!

Important basics...

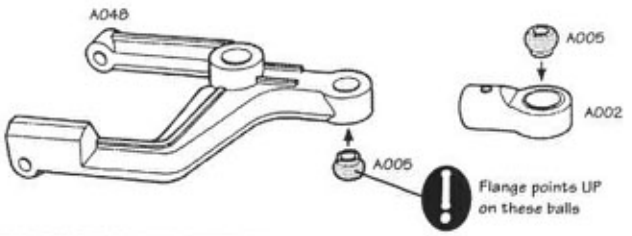
- Build this kit in an area out of reach from children. Tools, parts, and liquids can be dangerous!
- Follow the operating instructions for the radio equipment at all times.
- Always turn on the transmitter before you turn on the car.
- Keep the wheels of the car off of the ground when checking the operation of the radio equipment.
- Always turn off the radio system and unplug the battery pack when not using the car.
- Follow the operating instructions for the Ni-Cd batteries and Ni-Cd battery charger at all times.
- Insulate any exposed electrical wiring with heat shrink tubing to prevent dangerous short-circuits.

A048 Lower Arm (R) x 1
A048 Lower Arm (L) x 1
A002 Socket Arm x 2

A005 Pivot Ball x 4

1

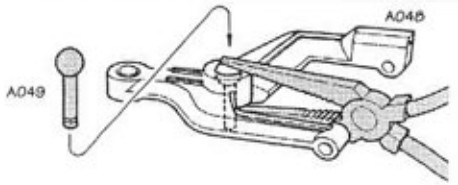
Use needle-nose pliers to press balls into both lower arms and both socket arms. The surface of the pliers should be flat to prevent damage to the balls. The flange of all of the balls should point toward the front axle.



A049 Joint Pin (B) x 2

2

Use needle-nose pliers to press the joint pins into both lower arms.



A047 Lower Arm Mount (R) x 1
A047 Lower Arm Mount (L) x 1
A048 Castor Block (L) x 1
A048 Castor Block (R) x 1
A048 Rising Castor Block (L) x 1
A048 Rising Castor Block (R) x 1

37.5mm
A006 Pin x 2

1/8" Shaft
Z200 E Clip x 4

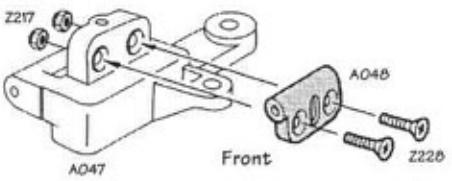
4-40
Z127 Lock Nut x 4

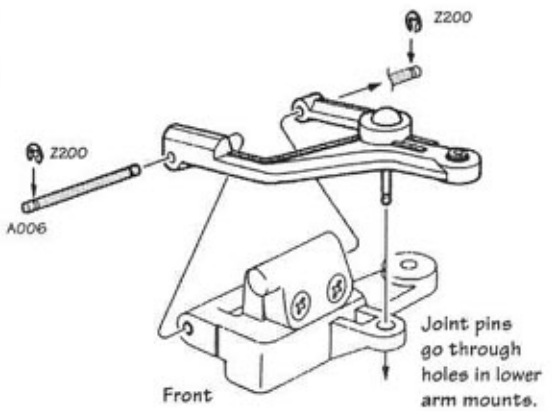
4-40 x 1/2"
Z228 Flat Head Screw x 4

3

This kit is supplied with rising-rate and standard castor blocks. We recommend the standard block as a starting point. The rising-rate block is designed to provide more steering under hard cornering. Bolt the castor blocks to the lower arm mounts as shown.

Install lower arms to lower arm mounts with pins and secure with E clips.





A050 Front Spring (0.80mm) x 2

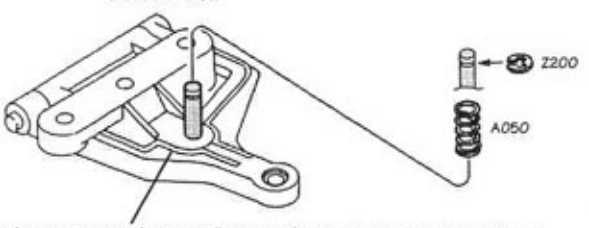
1/8" Shaft
Z200 E Clip x 2

4

Install washer, spring, and secure with E clip. Compress spring with needle nose pliers if E clip does not slide on easily.

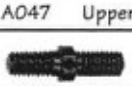
Optional springs available:	
A095	0.65mm
A096	0.70mm
A097	0.75mm
A050	0.80mm (kit)

Bottom View



The lower arm mounts have a small amount of extra nylon that should be trimmed if it interferes with the movement of the lower arms. *(We are fixing the mold)*

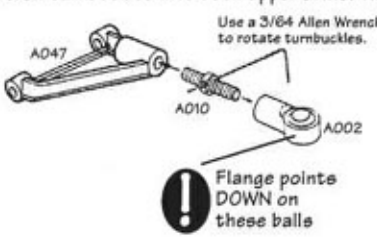
A047 Upper Arm x 2

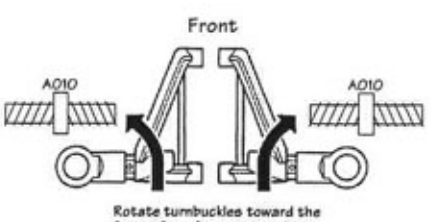


A010 Turnbuckle (A) x 2

5

Screw turnbuckles into both upper arms. The turnbuckles are not symmetrical, so install them as shown.





Rotate turnbuckles toward the front of car for more camber.

A008 Upper Arm Pin x 2

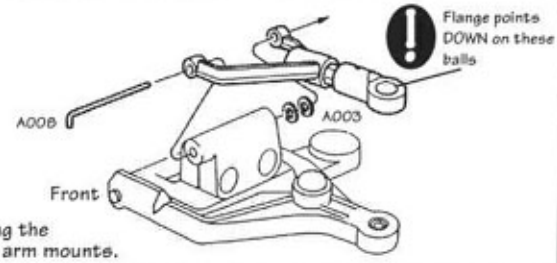
(Located on plastic tree)
A003 Castor Shims x 4

6

Connect upper arms to upper arm mount using upper arm pins.

Castor settings:
6° All shims toward rear of car
4° One shim on each side of castor block
2° All shims toward front of car

Additional castor positions can be obtained by using the included 2° front suspension shims under the lower arm mounts.



A002 Steering Arms x 2

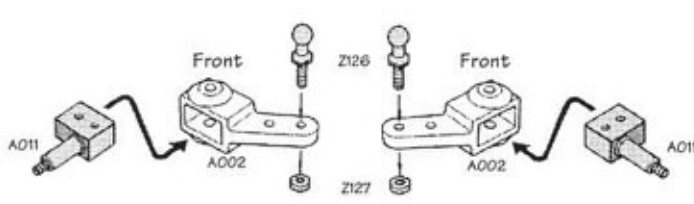
A011 Front Axle (A) x 2

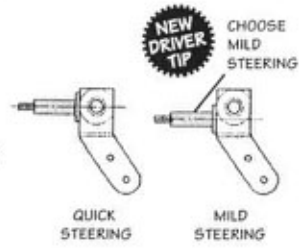
Z126 Ball End x 2

4-40
Z127 Lock Nut x 2

7

Press front axles into steering arms. Install ball ends and lock nuts as shown, balls must point up. A 3/16" socket or a Tamiya wrench will make installation easier.





A051 Front Brace (Street Machine) x 1
A052 Front Suspension Shim x 4

(Located on plastic tree)
A003 King Pin Spacer x 10

29.5mm
A007 Pin x 2

1/8" Shaft
Z200 E Clip x 4

8-32 x 1/2" Green
Z213 Flat Head Screw x 6

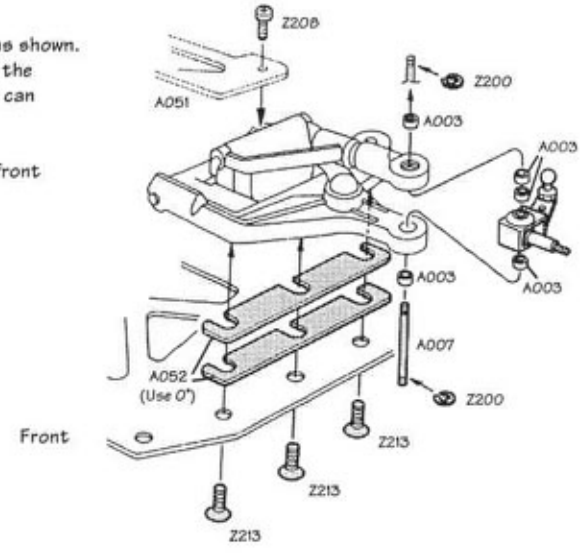
4-40 x 5/16"
Z208 Button Head Screw x 2

8

Connect suspension to chassis. Suspension shims can be used to adjust ride height. We recommend two 0° shims on each side.

Install king pins and steering arms as shown. Ball ends must point up and toward the back of the car. The king pin spacers can be rearranged to adjust ride height.

Install front brace between the two front suspension arms.



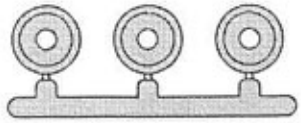
Z120 Servo Saver x 1

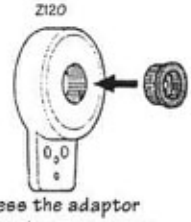
Z126 Ball End x 2

Servo Saver Screw x 1

9

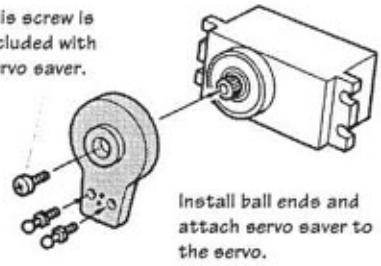
Choose the adaptor that fits your servo.





Press the adaptor into the servo saver.

This screw is included with servo saver.



Install ball ends and attach servo saver to the servo.

A002	Servo Mount A	x 1
A002	Servo Mount B	x 1
Z140	Turnbuckle (49mm)	x 2
A071	Turnbuckle (61mm)	x 2

Z125 Ball Cup x 4

Z206 Flat Head Screw 4-40 x 3/8" x 2

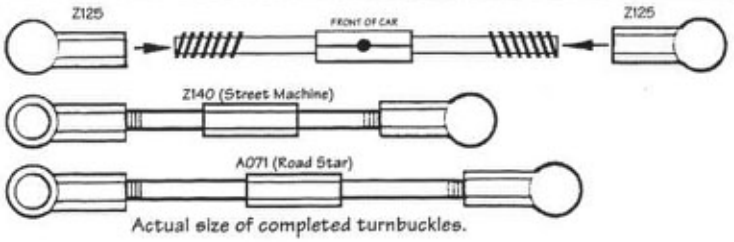
Z208 Button Head Screw 4-40 x 5/16" x 4

Z224 Washer M3 x 8 x 4

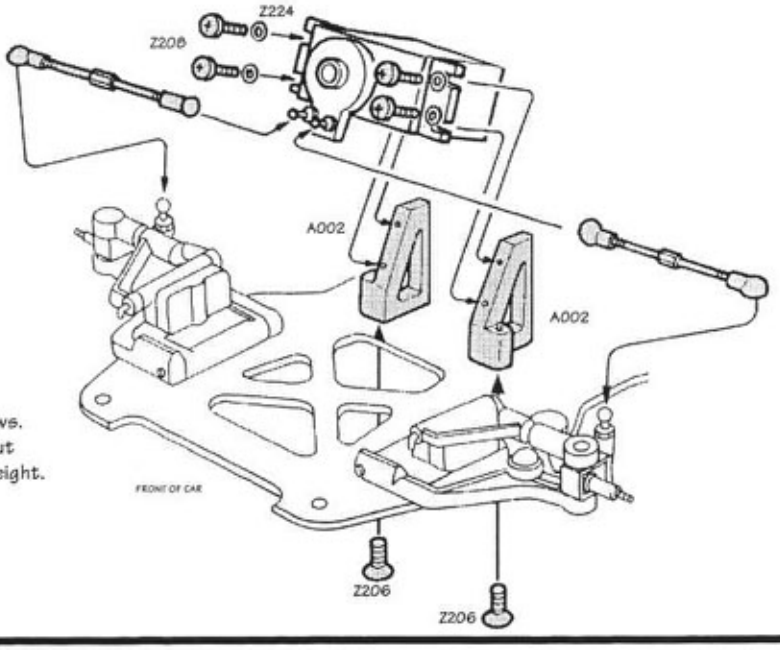
10

Thread the ball cups onto turnbuckles as shown, noting the direction of the threads.

When installed as shown, rotating turnbuckles toward the front of the car will give more toe-in.



Actual size of completed turnbuckles.



Install the servo mount to chassis and attach servo. Only two screws are needed to secure the servo mounts to the chassis.

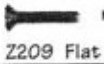
The servo mounts have extra mounting holes if you want to use more screws. The servo mounts can be cut as shown to save a little weight.

A004	Roll Socket (R)	x 1
A004	Roll Socket (L)	x 1
A004	Pivot Socket (B Thin)	x 1
A004	Pivot Socket (A)	x 1
A004	Pivot Socket (C)	x 2
A004	Pivot Socket (D)	x 2
A013	Roll Brace (Graphite)	x 1
A032	Roll Brace (FRP)	x 1
A014	Spring Brace	x 1
A017	Roll Tower	x 1

A016 Pivot Ball (A) x 3

A018 Roll Spring (1.2mm) x 2

Z206 Flat Head Screw 4-40 x 3/8" x 3



Z209 Flat Head Screw M2 x 10 x 4

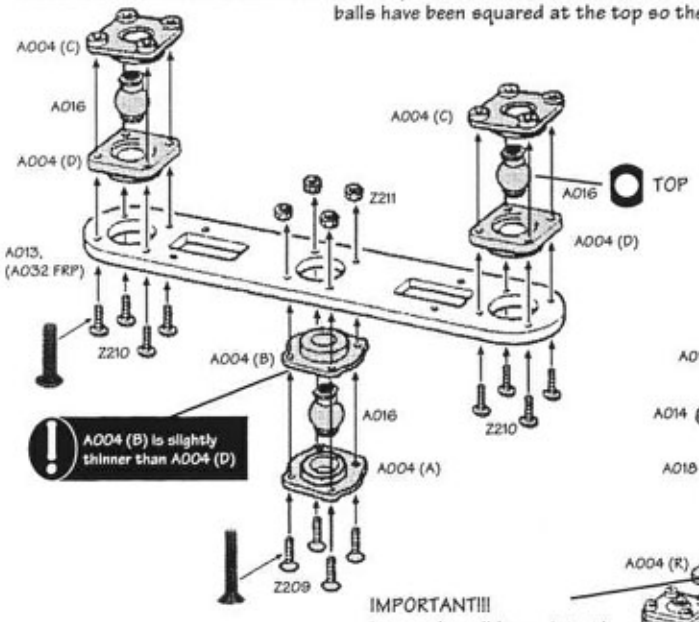
Z210 Button Head Screw 2-56 x 5/16" x10

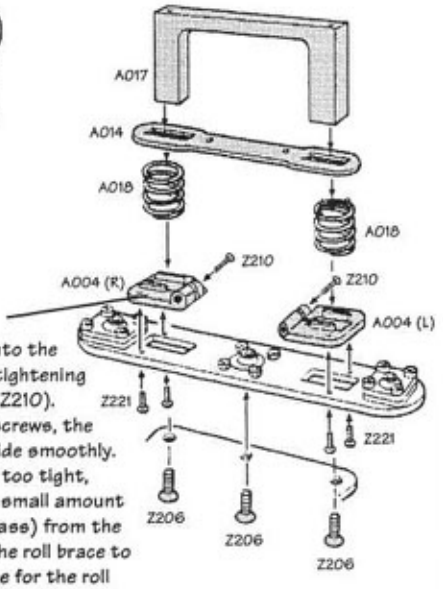
Z211 Nut M2 x 4

Z221 Button Head Screw 2-56 x 3/16" x 4

11

Assemble as shown. Note that the center pivot socket is thinner than the outer pivot sockets. The pivot balls have been squared at the top so they can be gripped with pliers.





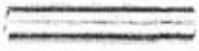
IMPORTANT!!!
Insert the roll brace into the roll sockets BEFORE tightening the screws (Z221 and Z210). After tightening the screws, the roll sockets should slide smoothly. If the roll sockets are too tight, use a file to remove a small amount of graphite (or fiberglass) from the rectangular holes in the roll brace to provide more clearance for the roll sockets. Check again for smooth movement.

Optional springs available:

A085	1.10mm	
A018	1.20mm	(kit)
A086	1.30mm	
A087	1.40mm	

6507	Body Mount 4-40	x 2
6508	Body Mount 8-32	x 2
A053	Battery Mount	x 1
A055	Antenna/Shock Mount	x 1
A056	Rubber Tube	x 1
A069	Chassis Brace (FRP)	x 1
A072	Front Bumper (FRP kits)	x 1
A073	Aluminum Tube 8mm	x 2

A015 Aluminum Tube x 1

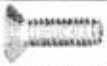


A024 Aluminum Tube x 4

A054 Aluminum Tube x 2

Z206 Flat Head Screw x 4

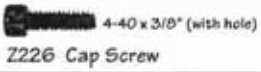
Z207 Button Head Screw x 1



Z213 Flat Head Screw x 2

6121 Hood Pin x 5

Z208 Button Head Screw x 12



Z226 Cap Screw x 1

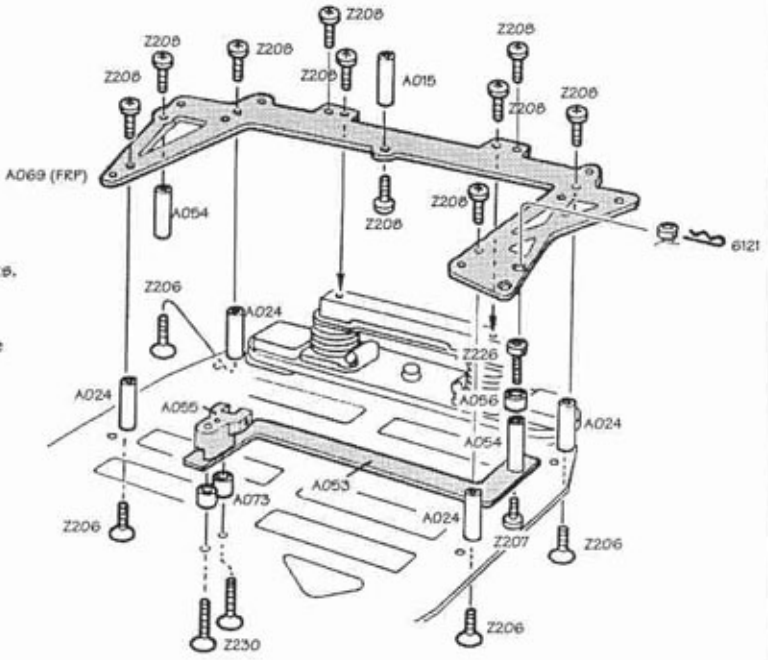
Z230 Flat Head Screw x 2

12

Assemble chassis brace as shown.

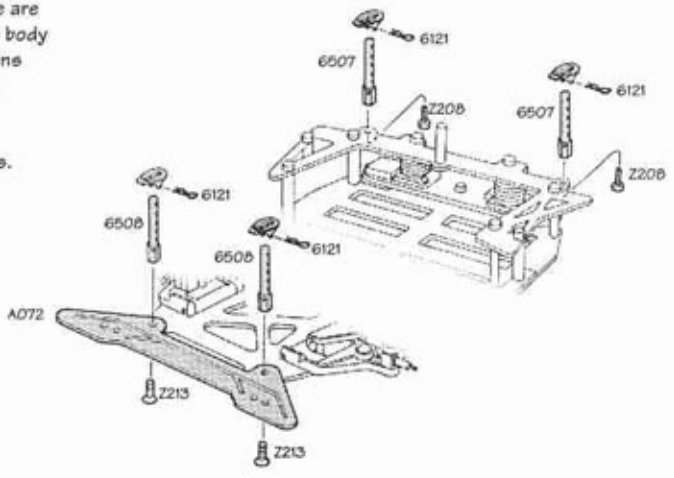
We have provided extra holes to position stick packs in two locations. We recommend starting with the pack in the back position. Moving the pack forward will provide more steering on high grip tracks.

When using saddle pack batteries, remove the battery mount (A053). Use a file to round the sharp edges of the chassis slots to prevent damage to the batteries.



Attach body posts. There are extra holes to mount the body posts in different locations to fit a variety of bodies.

The front bumper is not included in Road Star kits.



A029	Lower Brace (Graphite)	x 1
A062	Lower Brace (FRP)	x 1
A030	Motor Mount	x 1
A031	Left Bulkhead	x 1
A033	Height Adaptor #1	x 2
A034	Height Adaptor #2	x 2

B010 Bearing (rear) x 2

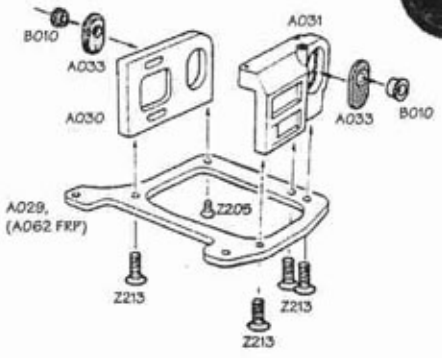
Z213 Flat Head Screw x 4

Z206 Flat Head Screw x 3

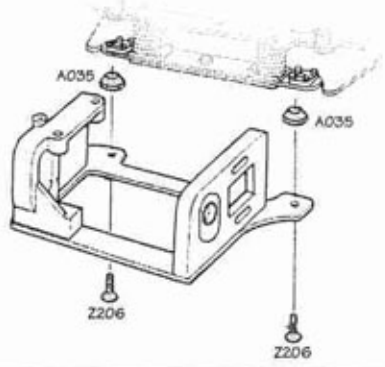
A035 Spacer (C) Aluminum Cone x 2

13

Assemble rear pod as shown. The ride height of the car can be adjusted using Height Adaptors #1 or #2. When using the tires provided in this kit, Height Adaptor #1 should be used in the position shown.



Attach rear pod to chassis as shown. A small drop of thread-lock will prevent the screws from vibrating loose.



A004 Dampener Washer x 2
A028 Upper Brace (Graphite) x 1
A063 Upper Brace (FRP) x 1

A019 Dampener Spring x 2

P5 Black
A020 O-Ring x 1

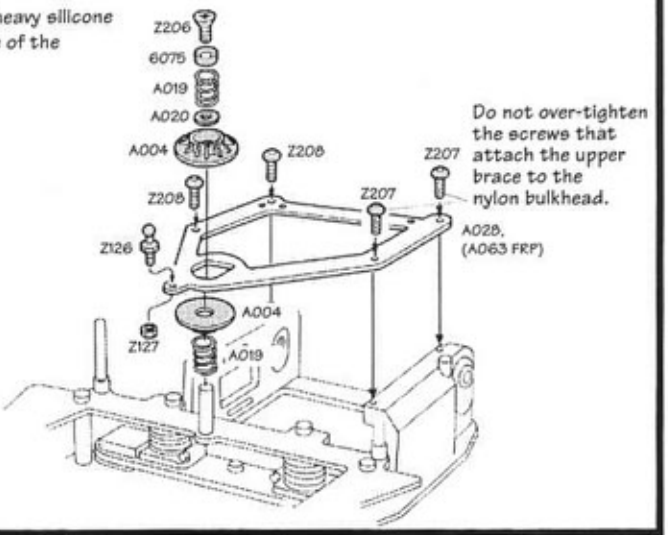
4-40 x 3/8"
Z206 Flat Head Screw x 1

Countersunk
6075 Washer x 1

4-40 x 5/16"
Z208 Button Head Screw x 2

14

Assemble as shown. A small amount of heavy silicone diff lube should be applied to the surface of the dampener washers and O-rings.



Do not over-tighten the screws that attach the upper brace to the nylon bulkhead.

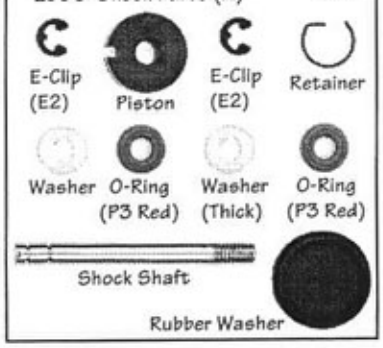
4-40 x 3/16"
Z207 Button Head Screw x 2

Z126 Ball End x 1

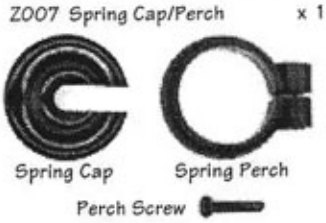
4/40
Z127 Lock Nut x 1

Z005 Shock Set (oil filled) x 1

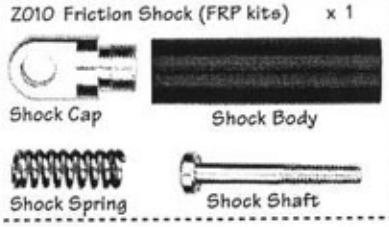
Z006 Shock Parts (A) x 1



Z007 Spring Cap/Perch x 1



Z010 Friction Shock (FRP kits) x 1



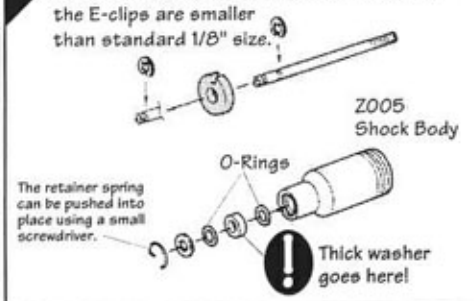
A090 Shock Spring (1.40mm) x 1

Z125 Ball Cup x 1

4-40 x 3/4"
Z230 Flat Head Screw x 1

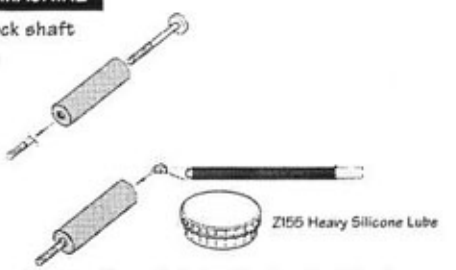
15

Assemble shock shaft as shown. Note that the E-clips are smaller than standard 1/8" size.



STREET MACHINE

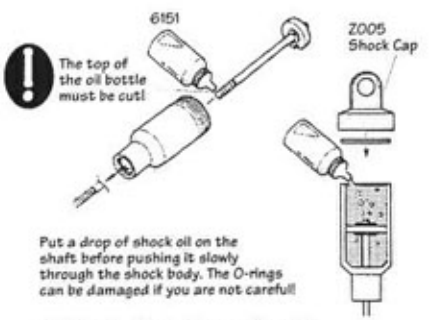
Insert shock shaft as shown.



Put a drop of heavy silicone lube inside the shock body.

16

Insert shaft into shock body.

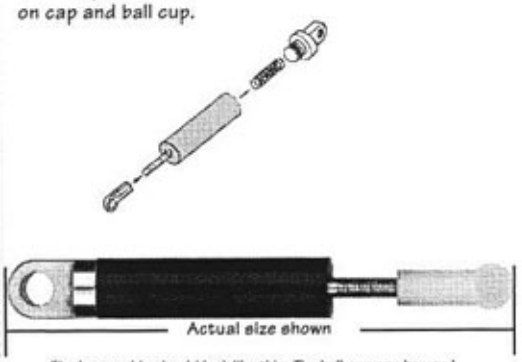


Put a drop of shock oil on the shaft before pushing it slowly through the shock body. The O-rings can be damaged if you are not careful!

Hold the shock body with a small rag. Fill the shock to the top of the shock body. Push the piston to the middle of the shock body and wait for bubbles to rise. Push rubber washer into cap and screw on cap until tight.

STREET MACHINE

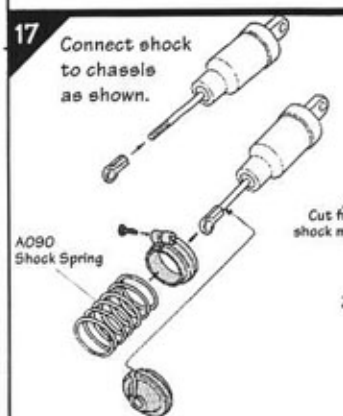
Install spring and screw on cap and ball cup.

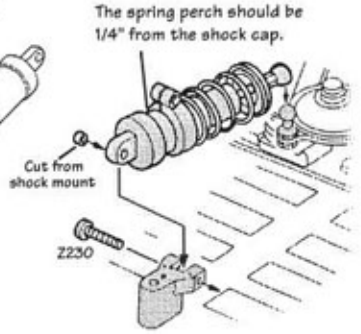


Final assembly should look like this. The ball cup can be used to adjust the ride-height of the chassis. Unscrewing the ball cup will increase the ride-height.

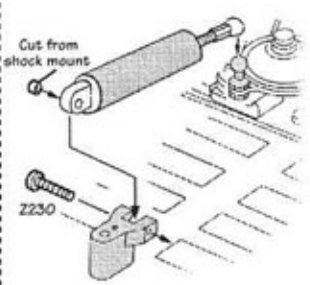
17

Connect shock to chassis as shown.





STREET MACHINE Install shock as shown.



6694 Spur Gear (94 T) x 1
6501 Diff Ball x 8
A037 Rear Axle (Graphite) x 1
A057 Rear Axle (steel) x 1
A038 Diff Hub (R) x 1
A066 Wide Diff Hub (R) x 1
A040 Drive Ring x 2

A041 Diff Thrust Cone x 1

1/4" x 3/8" Flanged

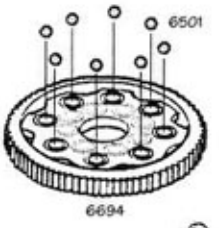
Graphite kits contain 2 bearings

B010 Bearing (Rear) x 1

8-32

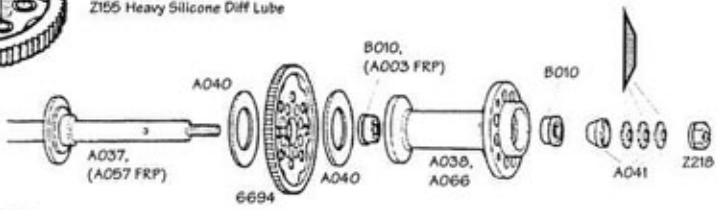
Z218 Nylon Locknut x 1

18



Z155 Heavy Silicone Diff Lube

Press diff balls into outer holes of spur gear. Apply a small amount of diff lube to each ball. Assemble differential as shown. Adjust the diff slippage by tightening or loosening the nylon locknut.



A041 Spring Washer x 3

A003 Flanged Bushing x 1

To test diff, hold both wheels and try to spin the spur gear with your thumb. The spur gear should be difficult to rotate when properly adjusted.

A039 Axle Hub (L) x 1

10-32 x 3/16"

A039 Axle Hub Set Screw x 1

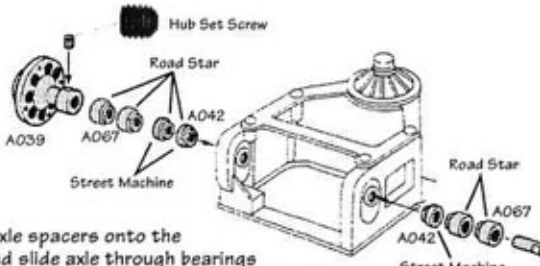
Road Star x 2

A042 Axle Spacer x 3

Road Star Only

A067 Axle Spacer (wide) x 4

19



Slide the axle spacers onto the diff axle and slide axle through bearings in the rear pod. The axle spacers have a flanged side that should contact the bearing. File a small flat spot on the axle to prevent the hub from getting stuck when the set screw is tightened. Slide on the axle spacers and left hub.

Insert a small piece of paper between the hub and spacer. Tighten the set screw using the 3/32 Allen wrench. Remove the paper after tightening the set screw.

M3 x 8 METRIC!!

Z214 Button Head Screw x 2

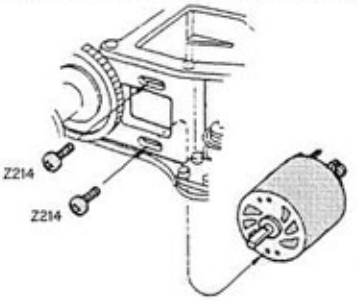
6625 Pinion Gear (25 T) x 1

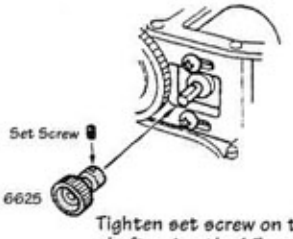
M3 x 3

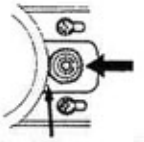
6625 Set Screw x 1

20

Insert an .05 type motor through the lower pod and secure using the metric motor screws. Slide the pinion gear onto the motor shaft so that the teeth fully contact the spur gear teeth.







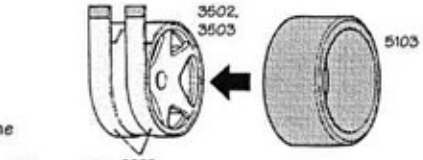
There should be a small amount of free-play when properly adjusted.

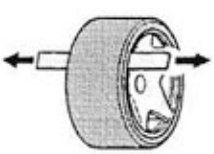
Tighten set screw on the flat spot of the motor shaft using the 1.5mm Allen wrench.

3502 Front Wheel x 2
3503 Front Wheel (chrome) x 2
5103 Green Donut (front) x 2
6225 Front Tire Tape (narrow) x 4
3512 Rear Wheel x 2
3513 Rear Wheel (chrome) x 2
5113 Green Donut (rear) x 2
6224 Rear Tire Tape (wide) x 4

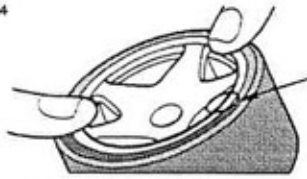
21

Remove the paper side of tire tape and stick tire tape to wheels. Leave the plastic side on the tape and slide the tires onto the wheels.





Pull out and remove the plastic side of the tape to secure tires.



The tires can be moved slightly until the edges match the edges of the wheels.

A003 3/16" Flanged Bushing x 4

Road Star only

3/16" x 5/16" Flanged

B005 Bearing (Front) x 4

5-40 Black

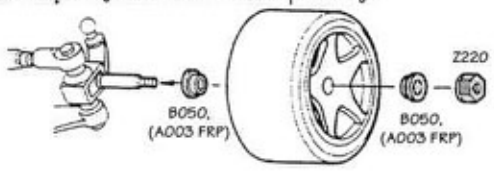
Z220 Nylon Locknut x 2

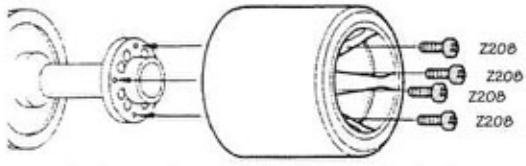
4-40 x 5/16"

Z208 Button Head Screw x 8

22

Press the bearings or bushings into the front wheels. Slide front wheels onto steering axles and tighten nut. Bushings should be oiled frequently. The wheel should spin freely.



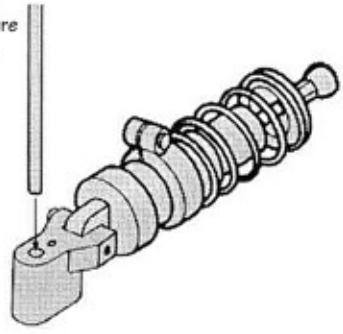


Press the rear wheels onto the rear hubs. Secure with wheel screws.

Z150 Antenna Tube x 1
Z150 Antenna Tube Cap x 1

23

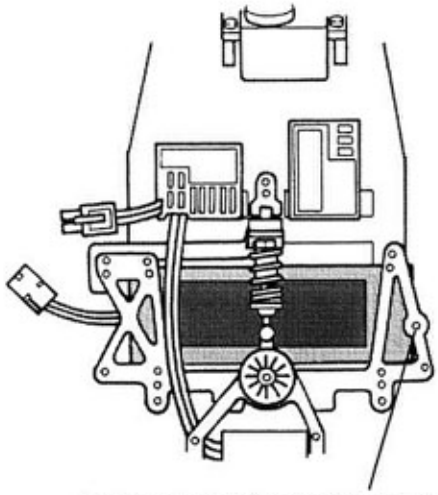
Press antenna tube into the antenna mount. Slide receiver antenna through tube and secure with antenna tub cap.



24

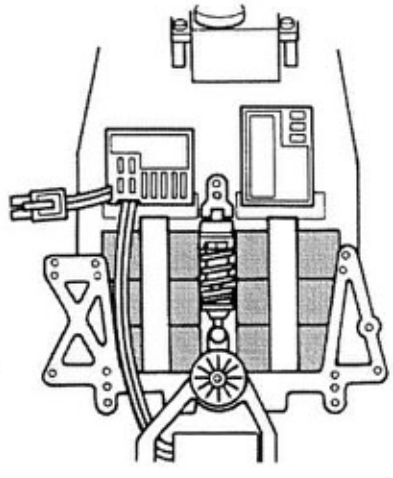
Radio layout will depend on the type of battery pack you are using. Here are some suggestions on how to install the radio equipment.

Stick Packs



Use the extra hole to adjust this tube so that the battery pack is not loose.

Saddle Packs



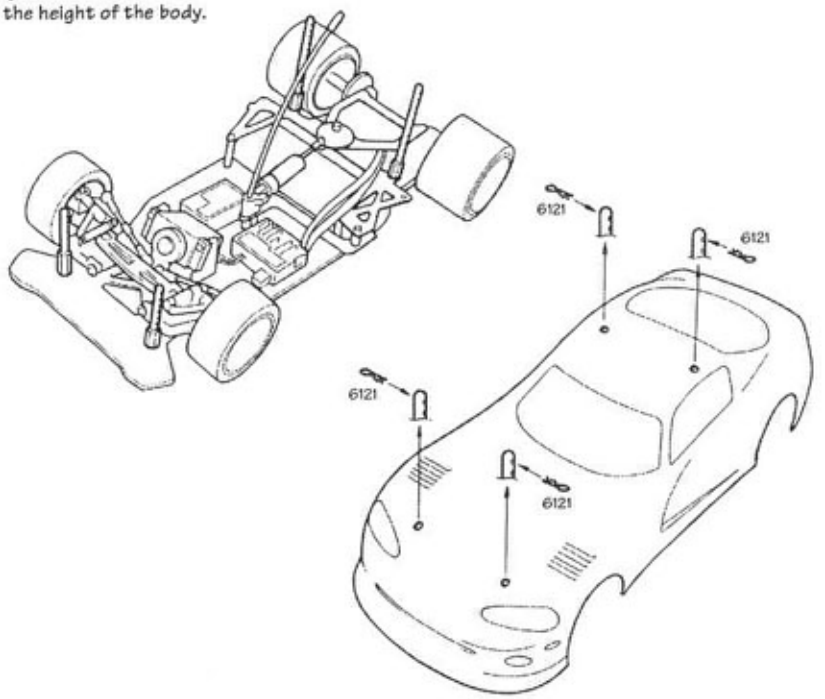
Don't forget to file the sharp edges of the chassis to prevent damage to the batteries.

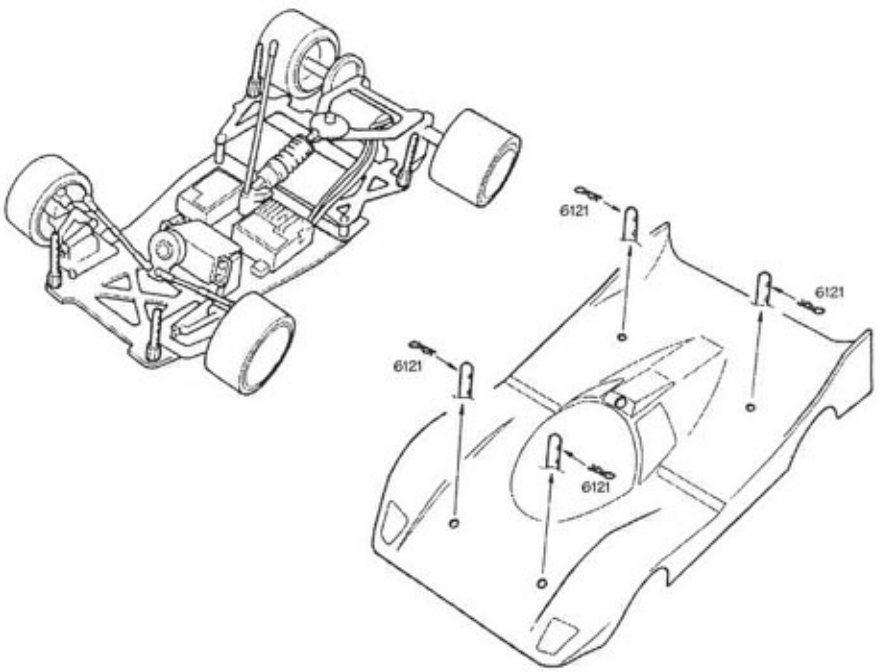
Body x 1

6121 Hood Pin x 4

25

Mount body before painting.
Use the adjustable body mount
to adjust the height of the body.





RACING TIPS

This HPI car has several ways to adjust the handling of the car for maximum performance. The following information will help you tune the car to the track conditions. The best way to learn how to adjust the car is to practice and test as much as possible!

SLIPPERY TRACK CONDITIONS

- Adjust front suspension to 6° castor position, see diagram below and page 4.
- Set the front axle to "Mild Steering" position, see page 4.
- Use a mild motor, large pinion gear, and an ESC with a current limiter set for smooth throttle response.
- Check turning radius in both directions, adjust steering radius to smallest amount that allows you to steer around sharpest corner.
- Try a harder front tire compound. Use tire traction sauce on rear tires. Make sure rear tires are in good condition.
- Make sure car is "tweeked" flat, see diagram below.

BUMPY TRACK CONDITIONS (Use the same settings as for slippery conditions, plus the following settings)

- Adjust ride height for more ground clearance to prevent chassis from "bottoming out" over bumps, see page 4 and 6.
- Use very light silicone lube on the dampener washers, see page 7.
- Install an oil filled shock with light shock oil (20 to 30 weight) and use a soft shock spring.

VERY HIGH GRIP TRACK CONDITIONS

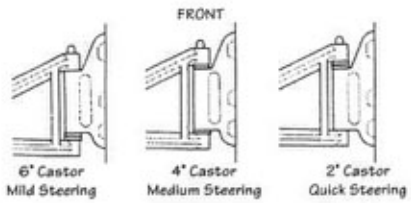
- Adjust front suspension to 2° castor position, see diagram below and page 4.
- Set the front axle to "Quick Steering" position, see page 4.
- Use extra amount of silicone lube or heavier silicone lube on dampener washers, see page 7.
- Lower the chassis by using small tires front and rear, or adjusting the front kingpin spacers and rear height adaptors.

TUNING THE FRONT SUSPENSION

This HPI car has a unique double-wishbone front suspension that allows you to make adjustments that will help the car perform better.

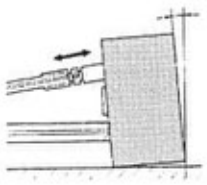
CASTOR

The castor of the suspension can be adjusted using the supplied castor shims. The goal of adjusting the castor is to make the car easy to drive. When built with both shims toward the rear of the car, the steering will be mild and the car will return to a very stable straight line. When built with both shims toward the front of the car, the steering will be more sensitive to small steering movements.



CAMBER

The camber of the suspension can be adjusted by rotating the turnbuckles. The goal of adjusting the camber is to adjust the suspension to provide even wear across the entire front tire. The turnbuckles have asymmetrical threads that allow you to make easy changes to the settings without removing any components. When built as described in Step 5, rotating the turnbuckles toward the front of the car will give more camber. Since foam tires have a small amount of deflection during hard cornering, we recommend a small amount of negative camber for proper tire wear. If more negative camber is needed to make the tires wear flat, rotate the turnbuckles a small amount toward the front of the car.

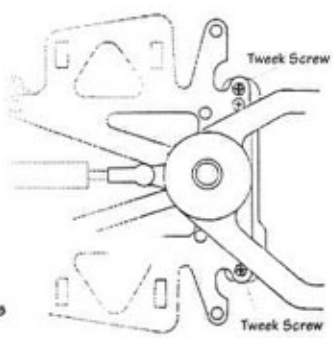


TUNING THE REAR SUSPENSION

This HPI car features a Triple-Pivot rear suspension that allows you to make adjustments that will help the car perform better.

TWEEKING THE CAR FLAT

The "tweek" of the car can be adjusted. The goal of adjusting the tweek is to provide equal weight on the rear tires so that the car corners equally when turned to the left and right. To test the tweek of the rear tires, place the car on a flat surface and use a small screwdriver to lift the center of the lower brace. When the tires lift off the ground, they should both lift at the same time. If one tire lifts later than the other, then that tire has more weight being applied to it, making the car unbalanced. Use the tweek screws to adjust the pressure applied to the spring brace until both rear tires lift at the same time. Rotating the tweek screw in the clockwise direction makes that tire heavier.



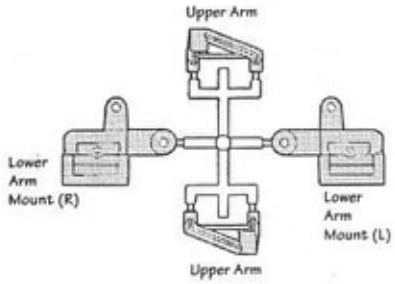
ADJUSTING THE RIDE HEIGHT OF THE CHASSIS

The shock can be used to adjust the ride height of the chassis. The goal of adjusting the ride height is to make the chassis flat from the front of the car to the rear of the car. To check the ride height, place the car (with battery, radio, and motor installed) on a flat surface.

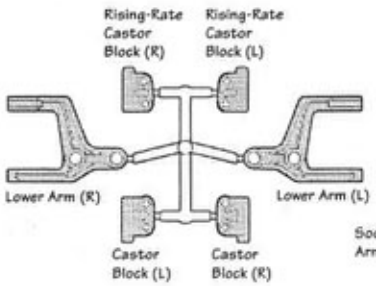
STREET MACHINE KITS: If the chassis droops in the middle of the car, unscrew the ball cup on the shock shaft until the chassis is flat. If extra ground clearance is needed on bumpy tracks, adjust the ball cup so that the chassis raises slightly in the center.

ROAD STAR KITS: Loosen the perch screw and slide the spring perch toward the rear of the car until the chassis is flat, then tighten the perch screw.

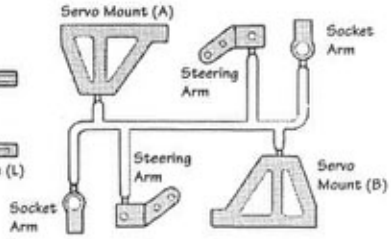
A047 Front Suspension (A)

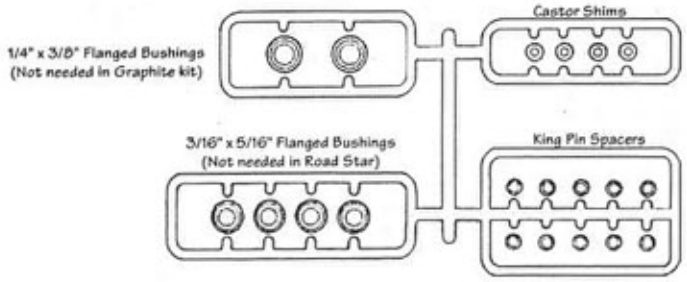


A048 Front Suspension (B)

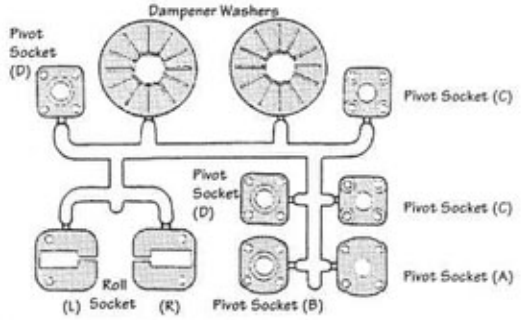


A002 Steering Parts





A003 Shim/Bushing Set



A004 Rear Suspension

HPI RACING PARTS

Part #	QTY	Name	Retail Price
3502	2	1/10 STAR ON ROAD RIMS BLACK (F)	$ 6.00
3503	2	1/10 STAR ON ROAD RIMS SATIN CHROME (F)	8.00
3512	2	1/10 STAR ONROAD RIMS BLACK (R)	6.00
3513	2	1/10 STAR ONROAD RIMS SATIN CHROME (R)	8.00
5103	2	GREEN TRUED DONUT (F)	8.50
5113	2	GREEN TRUED DONUT (R)	9.00
6075	6	WASHER (COUNTERSUNK ALUMINUM)	4.00
6122	10	BODY PIN (M)	2.00
6151	1	SILICONE OIL #500	4.00
6163	1	SERVO TAPE	4.00
6224	8	TIRE TAPE WIDE	6.25
6225	8	TIRE TAPE NARROW	4.50
6501	8	DIFF. BALLS 1/8"	2.00
6507	2	BODY MOUNT 4-40	3.50
6508	2	BODY MOUNT 8-32	3.50
6625	1	PINION GEAR 25 TOOTH (64 PITCH)	5.99
6694	1	SPUR GEAR 94 TOOTH (64 PITCH)(W/BALLS)	4.99
7000	1	1/10 JAGUAR XJR14 BODY (WIDE)	20.00
A002	1	STEERING PARTS SET	6.00
A003	1	SHIM/BUSHING PARTS SET	6.50
A004	1	REAR SUSPENSION PARTS SET	6.50
A005	5	PIVOT BALL SET	6.00
A006	2	PIN 37.5mm	5.00
A007	2	KING PIN 29.5mm	5.00
A008	2	PIN 2 x 31mm	3.50
A010	2	TURNBUCKLE (A) 16mm	5.00
A011	2	FRONT AXLE (A)	24.00
A013	1	ROLL BRACE (GRAPHITE)	12.00
A014	1	SPRING BRACE	4.00
A015	1	ALUMINUM TUBE 18.5mm	1.50
A016	3	PIVOT BALL (A)	5.00
A017	1	ROLL TOWER	18.00
A018	2	ROLL SPRING (A)(1.20mm)	2.00
A019	2	DAMPENER SPRING	1.00
A020	4	O-RING P5	1.00
A024	3	ALUMINUM TUBE 25mm	5.00
A028	1	UPPER POD BRACE (GRAPHITE)	16.00
A029	1	LOWER POD BRACE (GRAPHITE)	19.00
A030	1	MOTOR MOUNT (RIGHT)	25.00
A031	1	BULKHEAD (LEFT)	2.50
A032	1	ROLL BRACE (FRP)	8.00
A033	2	HEIGHT ADAPTOR #1	1.00
A034	2	HEIGHT ADAPTOR #2	1.00
A035	2	SPACER (C) ALUMINUM CONE	2.50
A037	1	REAR AXLE (GRAPHITE)	22.50
A038	1	DIFF. HUB (RIGHT)	15.00
A039	1	HUB (LEFT) (WITH SCREW)	15.00
A040	2	DRIVE RING	1.50
A041	1	DIFF. CONE SET	2.00
A042	4	AXLE SPACER	5.00
A044	1	HPI F1 DECAL (#3)	2.00
A046	4	O-RING P3 BLACK	1.00
A047	1	FRONT SUSPENSION (A)	5.00

Part #	QTY	Name	Retail Price
A048	1	FRONT SUSPENSION (B)	$ 5.00
A049	2	JOINT PIN (B)	4.50
A050	2	FRONT SPRING 0.80mm	3.00
A051	1	FRONT SUSPENSION BRACE (FRP NARROW)	7.00
A052	4	FRONT SUSPENSION SHIM (0",2")	1.50
A053	1	BATTERY MOUNT (FRP)	6.00
A054	2	ALUMINUM TUBE 12.5mm	3.00
A055	1	SHOCK MOUNT W/SPACER	1.50
A057	1	REAR AXLE (STEEL)	10.00
A058	1	GTS DECAL	6.00
A062	1	LOWER POD BRACE (FRP)	10.00
A063	1	UPPER POD BRACE (FRP)	9.00
A064	1	ROAD STAR CHASSIS (GRAPHITE)	60.00
A065	1	REAR AXLE (GRAPHITE)(LONG)	22.50
A066	1	WIDE DIFF. HUB	15.00
A067	4	AXLE SPACER 5mm	6.00
A068	1	STREET MACHINE CHASSIS (FRP)	29.00
A069	1	CHASSIS BRACE (FRP)	12.00
A071	2	TURNBUCKLE 61mm	7.00
A072	1	FRONT BUMPER	4.00
A073	2	ALUMINUM TUBE 8mm	2.00
A085	2	ROLL SPRING 1.1mm	2.00
A086	2	ROLL SPRING 1.3mm	2.00
A087	2	ROLL SPRING 1.4mm	2.00
A095	2	FRONT SPRING 0.80mm	2.00
A096	2	FRONT SPRING 0.70mm	2.00
A097	2	FRONT SPRING 0.75mm	2.00
B005	2	BEARING 3/16" x 5/16" FLANGED	13.00
B010	2	BEARING 1/4" x 3/8" FLANGED	14.00
Z010	1	FRICTION SHOCK SET	8.00
Z120	1	SERVO SAVER SET(WITH SCREW)	5.50
Z125	14	BALL CUP	5.00
Z126	4	4-40 BALL END	5.00
Z127	4	4-40 LOCK NUT	2.50
Z140	2	TURNBUCKLE (B)	7.00
Z150	1	ANTENNA PIPE SET	1.00
Z155	1	DIFF. LUBE	2.00
Z200	10	E-CLIP 1/8"	1.00
Z206	4	4-40 x 3/8" FLAT HEAD SCREW	1.00
Z207	6	4-40 x 5/16" BUTTON HEAD SCREW	2.00
Z208	4	4-40 x 5/16" BUTTON HEAD SCREW	1.00
Z209	8	M2 x 10 FLAT HEAD SCREW	2.00
Z210	10	2-56 x 5/16" BUTTON HEAD SCREW	2.00
Z211	8	M2 NUT	2.00
Z213	8	8-32 x 1/2" FLAT HEAD SCREW (GREEN)	1.50
Z214	4	M3 x 8 BUTTON HEAD SCREW	1.00
Z218	4	8-32 NYLON NUT	1.50
Z220	6	5-40 NYLON NUT	1.50
Z221	10	2-56 x 3/16" BUTTON HEAD SCREW	2.00
Z224	6	WASHER M3 x 8	2.00
Z228	6	4-40 x 1/2" FLAT HEAD SCREW	2.00
Z230	6	4-40 x 3/4" FLAT HEAD SCREW	2.00
Z900	1	ALLEN WRENCH SET (3/64", 1.5mm, 3/32")	1.50