



22601 N. 17th AVE.  
SUITE 120  
PHOENIX, AZ. 85027  
PHONE 480.609.7233  
FAX 480.3159713  
[WWW.RC-SOLUTIONS.COM](http://WWW.RC-SOLUTIONS.COM)

## HPI MT-2 ROLL CAGE KIT

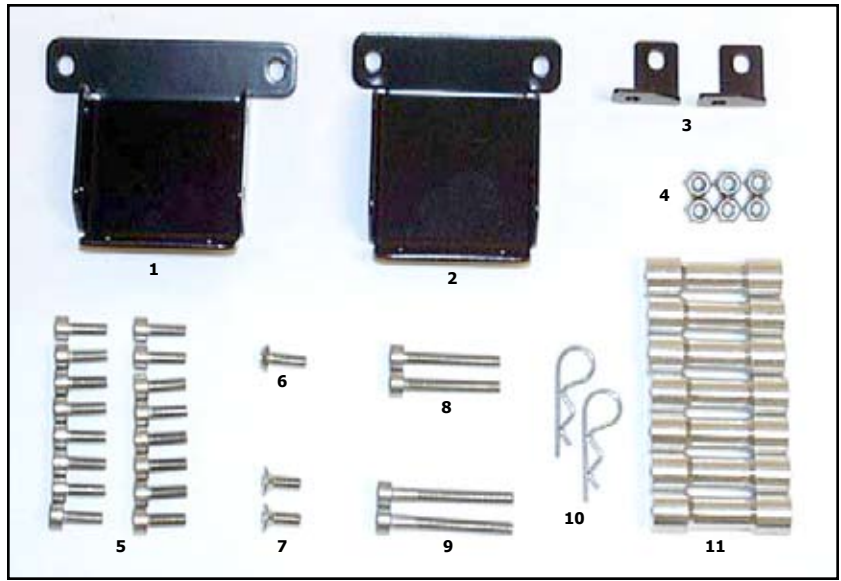




22601 N. 17TH AVE., SUITE 120  
 PHOENIX, AZ. 85027  
 PHONE 480.609.7233  
 FAX 480.3159713  
 WWW.RC-SOLUTIONS.COM

## HPI MT-2 ROLL CAGE

Read these instructions and review the photos before you start. You will need a drill and 1/8" drill bit, a hobby knife or rotary cutting tool such as a Dremel, and medium strength thread lock compound such as Loctite blue. A countersink tool bit is helpful but not necessary.



- |   |  |                                       |
|---|--|---------------------------------------|
| 1. <b>CAGE MOUNT 1</b>                              | 6. (1) <b>M3x8 BHCS</b><br>(Button Head Cap Screw) | 10. (2) <b>HAIRPIN BODY CLIPS</b>     |
| 2. <b>CAGE MOUNT 2</b>                              | 7. (2) <b>M3x8 FHCS</b><br>(Flat Head Cap Screw)   | 11. (7) <b>SHORT CAGE SPACERS</b>     |
| 3. (2) <b>CAGE MOUNT 3</b>                          | 8. (2) <b>M3x20 SHCS</b>                           | 12. (2) <b>CAGE RAILS</b> (Not Shown) |
| 4. (6) <b>M3 LOCK NUTS</b>                          | 9. (2) <b>M3x25 SHCS</b>                           | 13. (1) <b>HOOP</b> (Not Shown)       |
| 5. (16) <b>M3X8 SHCS</b><br>(Socket Head Cap Screw) |  |                                       |

1. Remove the body, wheels, pipe, roll bar, and rear body mounts. Remove the front shock mount screws and nuts.

2. Remove the throttle servo arm and disconnect the steering servo link. Remove the radio box as shown in *Figure 2*.

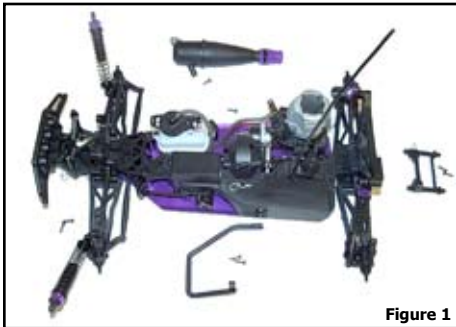


Figure 1

3. Attach *Cage Mount 1* to the front shock tower. Use *M3x25 SHCS* and *M3 Lock Nuts* through the shocks and shock tower as shown in *Figure 3*. Use the original gearbox screws in the bottom of the bracket.

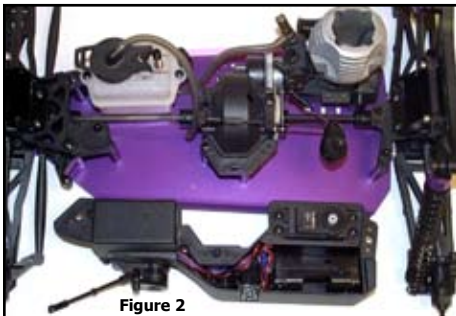


Figure 2

4. Modify the rear body mount bracket as shown in *Figure 4*. Use a hobby knife or a dremel tool to remove the bottom part and X bracing as shown. Drill the circled holes through with an 1/8" drill bit.

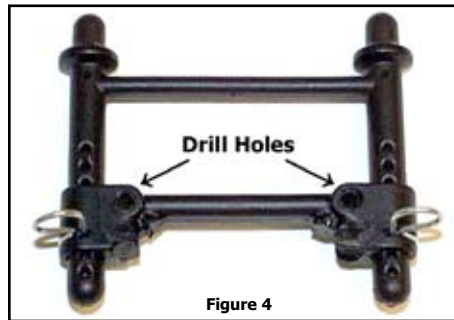


Figure 4



Figure 5

5. Attach *Cage Mount 2* to the rear shock tower as shown in *Figure 5*. Use the original gearbox screws at the bottom. Use *M3x20 SHCS* from the front, going through the modified



Figure 3

body mount, *Cage Mount 2*, and the shock tower. Secure with *M3 Lock Nuts*.

6. Assemble the cage as shown in *Figure 6*. Install the *Hoop* so the jog is on the right; secure the *Hoop* to the *Rails* with *Body Clips*. Install *Spacers* with *M3x8 SHCS* and medium threadlock compound. Attach the *Cage Mount 3* parts with *M3x8 SHCS* and *Lock Nuts* as shown, on the back of the *Hoop* on the right side, and in

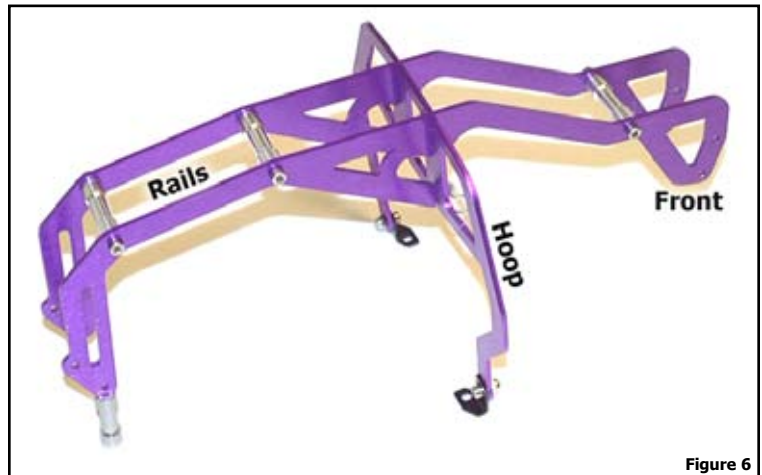


Figure 6

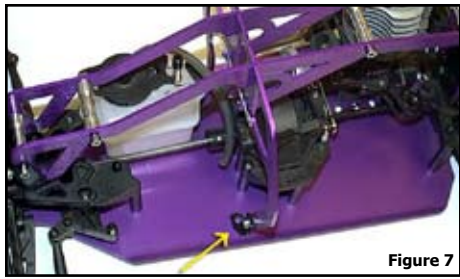


Figure 7

front on the left.

**7.** Temporarily install the cage with (1) *Cage Spacer* and *M3x8 SHCS* at the front and rear cage mounts. Secure the *Hoop* to the chassis through *Cage Mount*

*3* on the right side with *M3x8 FHCS* and *Lock Nut*. Scribe a mark in the chassis plate at the left side *Cage Mount 3* as shown in *Figure 7*. Remove the cage and drill a 1/8" hole at the mark. If you have a countersink tool, countersink the new hole on the bottom of the chassis plate (this is not required).

**8.** Replace the radio box and re-connect the throttle servo. Remove the servo arm from the steering servo.

**9.** Fit the cage into position. Install *Spacers* with *M3x8 SHCS* at *Cage Mounts 1 and 2*. It's easiest to install the lower *Spacers* first. Attach the *Cage Mount 3* parts to the chassis plate. Use an *M3x8 FHCS* and *Lock Nut* on the right side. If you countersunk the new hole, attach the left *Hoop* with an *M3x8 FHCS*, otherwise attach the left *Hoop* with the *M3x8 BHCS*. Replace the wheels, pipe and steering servo linkage.

**10.** Fit the body to the cage. Stock bodies need the back opening to be enlarged to clear the roll cage as shown in *Figure 8*.



Figure 8

## Now go play!

Check out [www.rc-solutions.com](http://www.rc-solutions.com) for all our R/C products.

### NOTES:

**1.** This roll cage adds strength and protection to your truck, but it is not indestructible. It will bend from some impacts, especially crashing on asphalt or concrete. Always drive the truck with a body on. Crashing with a body allows the truck to slide along the ground. Crashing without a body results in the cage digging in and "sticking" to the ground, which is much more likely to bend the cage.

**2.** All items returned to RC Solutions for credit will be charged a 10% restocking fee.