

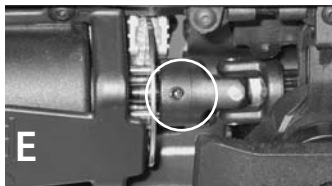
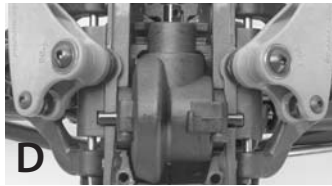
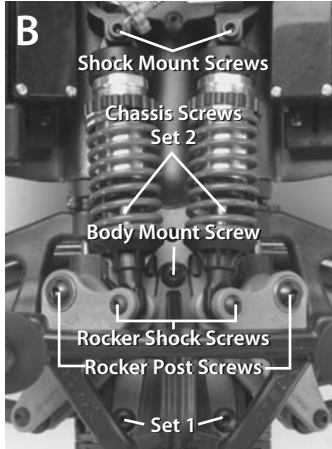
Differential Carrier Replacement Instructions

Covers Part #5481

These instructions detail the replacement of the differential carrier assemblies.

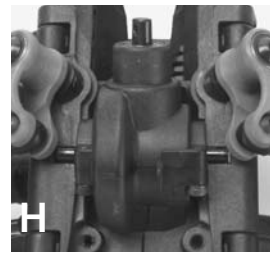
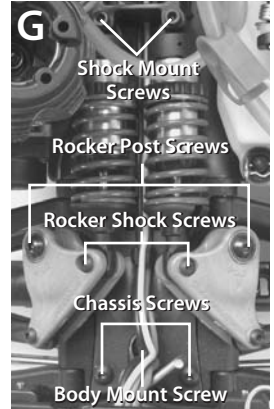
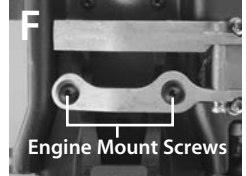
Removal and Installation of Front Differential

1. Remove the two servo links from the steering servo saver input arm (Photo A).
2. Remove screws holding the shocks to the rockers (Photo B).
3. Remove body mount screw and take off body/bumper mount by pulling forward.
4. Loosen the shock mounting screws (Photo B) so they are free of the bulkhead. Do not remove the screws, they will keep the shock from falling out, but the screws must be out far enough to disengage the bulkhead.
5. Remove all 4 chassis screws (Photo B - Set 1 and Set 2).
6. Remove the screws that hold the rockers to the posts (Photo B) and lift off the rockers. **Note:** If the rocker posts back out with the screws, simply thread them back in after removing the screws.
7. Remove the screw pin that secures the brake mount yoke to the transmission output shaft (Photo E).
8. Slightly lower the front of the bulkhead from the chassis and slide it out of the chassis. The steering system, differential, front drive shaft assembly and suspension assembly will slide out with the bulkhead.
9. Remove the screw pins from the left and right diff output yokes.
10. Before removing the yokes, rotate the drive shafts so the screw pin holes in the yokes are both facing forward (toward the bumper)(Photo C). This will allow the flat parts of the output shaft to line up with the grooves in the bulkhead (Photo D).
11. Remove the diff by placing a finger under each output shaft and pushing it up and out of the bulkhead.
12. Install in reverse order of disassembly.



Removal and Installation of Rear Differential

1. Remove screws holding the shocks to the rockers (Photo G).
2. Remove the body mount screw and chassis screws (Photo G), remove the body mount by pulling rearward. **Be careful not to damage the EZ-Start wires.**
3. Remove the two engine mount screws from the bottom of the truck (Photo F).
4. Loosen the shock mounting screws so they are free from the bulkhead (Photo G). Do not remove the screws, they will keep the shock from falling out. The screws must be out far enough to disengage the bulkhead.
5. Remove the screws that hold the rockers to the posts (Photo G) and lift off the rockers. **Note:** If the rocker posts back out with the screws, simply thread them back in after removing the screws.
6. Remove the screw pin that secures the center drive shaft yoke to the diff.
7. From the top of the chassis, place a flathead screwdriver between the chassis and the aluminum bulkhead brace. With a light prying motion toward the front of the chassis, gently pry the rear bulkhead off the chassis.
8. Remove the screw pins from the left and right diff output yokes.
9. Before removing the yokes, rotate the drive shafts so the screw pin holes in the yokes are both facing toward the bumper (Photo C). This will allow the flat parts of the output shaft to line up with the grooves in the bulkhead (Photo H).
10. Remove the differential by placing a finger under each output shaft and pushing it up and out of the bulkhead.
11. Install in reverse order of disassembly.



Reassembly Note:

- Be sure the EZ-Start wires are in the keepers before you connect the rear shocks to the rockers and install the body mount and chassis screws.
- On the diff housing you will see "Revo Up" and an arrow. When installing the diff back into the bulkhead, the words "Revo Up" should be visible.

Rebuilding the Differential

Remove the housing cover and pull out the diff carrier with ring gear. Transfer carrier bearings to new carrier assemblies. Lube the ring gear with lithium grease and install the diff into the diff carrier. Replace the cover. Install the differential in the reverse order of removal.

