

**Detroit Speed**  
**X-Tracker Hub Adapter Kit**  
 1993-2002 Camaro/Firebird, 1991-96 Corvette  
 P/N: 030601DS & 030602DS

The Detroit Speed X-Tracker Hub Adapter Kit uses heat treated alloy steel adapters to allow the use of SKF Racing X-Tracker hubs on the factory 1993-2002 Camaro/Firebird and 1991-96 Corvette spindle. The use of high performance hubs results in improved hub stiffness and performance, reduced brake caliper piston knock-back as well as improved hub durability. The kit is 100% bolt-on system that includes all required mounting hardware and electrical connectors. The wheel hub remains in the factory location and does not affect wheel offset or brake system compatibility as well as retains full functionality of the ABS system.



Figure 1 - P/N: 030601DS

Item	Part Description	Quantity
1	Wheel Hub Adapter Assembly	2
2	Metri-Pack 150 Series Sealed Female Connector (030601DS only)	2
3	Metri-Pack 150 Series Connector TPA Lock (030601DS only)	2
4	M10-1.5 Socket Head Cap Screw	8
5	M10 Washer	8
6	7" Black Cable Tie	8
7	Instructions	1

## Installation Instructions

1. To begin installation, chock the rear wheels and loosen the front lug nuts. Raise and support the front of the vehicle. Remove the front wheels from the vehicle.
2. Remove the brake caliper brackets from the spindle and support the caliper/bracket assemblies off to the side. Remove the rotors from the hubs.
3. Unplug the factory ABS wire from the factory hub by lifting up on the white tab(s) and pulling out the connector (Figure 2).



Figure 2 – Unplug ABS Sensor (1993-2002 F-Body)

4. Remove the front hubs from the spindles by removing the four bolts holding them to the spindle (Figure 3). Clean any rust or loose dirt from the spindle where the factory hub was located.

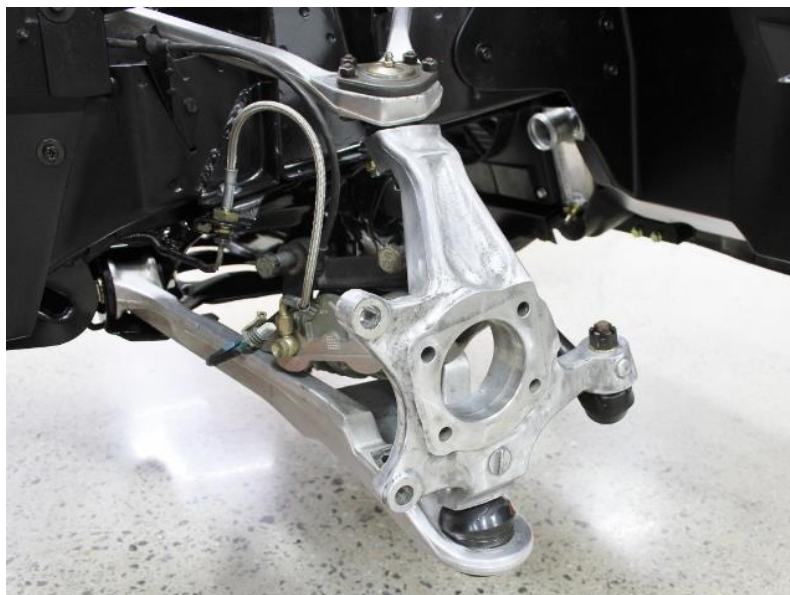


Figure 3 – Remove Factory Hubs (1991-96 Corvette)

5. Position the Detroit Speed X-Tracker Hub Adapter Assemblies to the factory spindles. Make sure the ABS wire sleeve does not contact the hub by holding the connector away from the hub bearing. Place the ABS sensor through the bore of the spindle (Figure 4). **NOTE:** The hub adapters used in the instructions are grey, however the production adapters have a black coating.



Figure 4 – Position Detroit Speed X-Tracker Hub Assembly (1991-96 Corvette)

6. Apply high strength red Loctite 272 onto the threads of the provided M10-1.5 socket head cap screws. Install the M10 fasteners with the provided M10 washers through the spindles and into the hub adapters. Torque to 70 ft-lbs.. (Figure 5). If installing P/N: 030602DS, skip to Step 9.

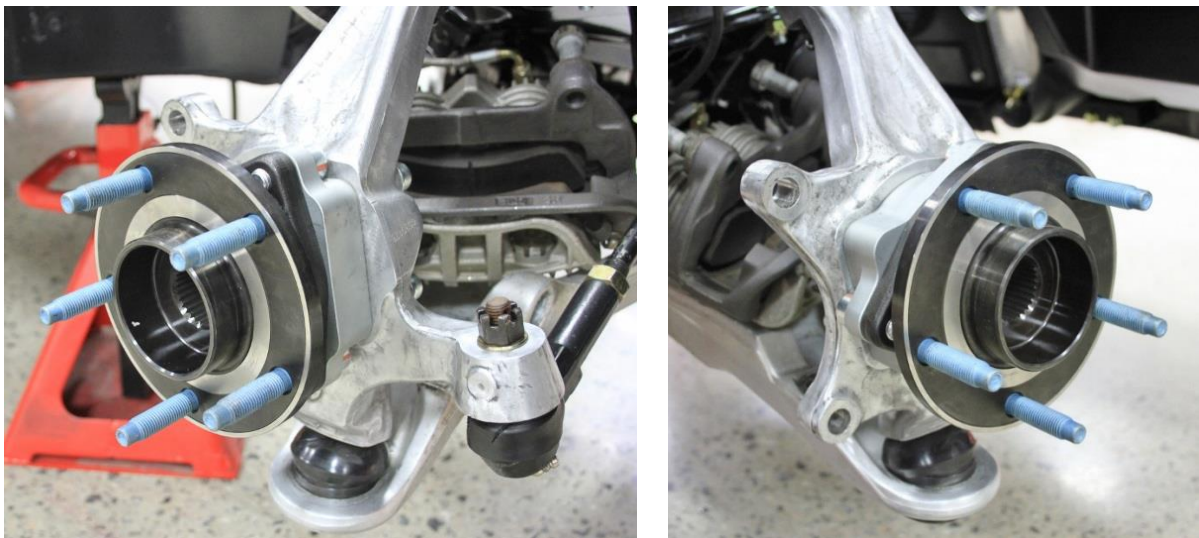


Figure 5 – Install Adapter Assemblies (1991-96 Corvette)

7. Locate the factory ABS wire. Remove the grey lock on the back of the white connector and pull out the wire terminals by depressing the locking tabs on the terminals using a small paper clip (Figure 6 on the next page). **CAUTION:** Be careful not to damage the terminals as you remove them from the connector.





Figure 6 - Remove ABS Terminals (1993-2002 F-Body)

8. Install the ABS wire terminals into the provided light grey Metri-Pack connector. Install the terminals into the connector the same orientation as the other end of the ABS harness at the body (Figure 7). Place the provided blue connector lock onto the light grey Metri-Pack connector.

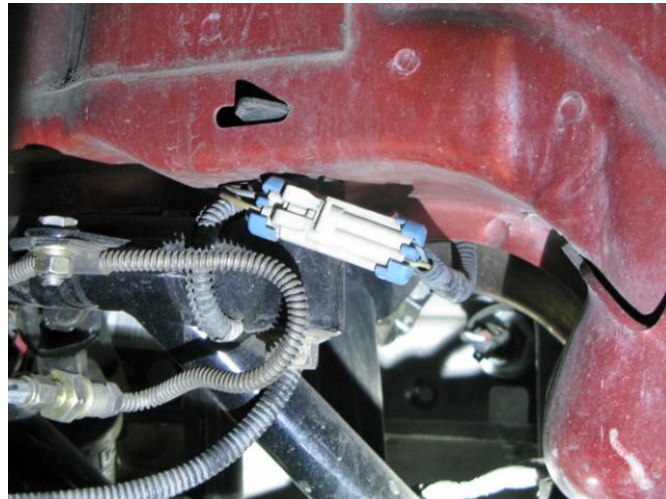


Figure 7 - ABS Body Harness Connector (1993-2002 F-Body)

9. Plug the ABS sensor on the wheel hub into the body harness connector (Figure 8 & 9).



Figure 8 - 1993-2002 F-Body



Figure 9 - 1991-96 Corvette

10. Use the provided black cable ties and secure the ABS wire to the brake hose. Route the brake hose and ABS wire as shown (Figure 10 & 11). Make sure the ABS connector is pulled away from the hub when securing the ABS wire to the brake hose.



Figure 10 – 1993-2002 F-Body



Figure 11 – 1991-96 Corvette

11. Re-install your rotors and brake caliper bracket assemblies to the spindles and torque the bolts to 74 ft-lbs. for P/N: 030601DS and 166 ft-lbs. for P/N: 030602DS. Re-install your front wheels and torque the lug nuts to the recommended factory specifications. The installation is now complete.

**NOTE:** If you do need to remove the hub spacer from the hub, the M12-1.75 x 30mm socket head cap screws need to be torqued to 95 ft-lbs. with high strength red Loctite 272.

If you have any questions before or during the installation of this product, please contact Detroit Speed at [tech@detroitsspeed.com](mailto:tech@detroitsspeed.com) or 704.662.3272