



Detroit Speed, Inc.
Hub Adapter Kit
1993-2002 Camaro/Firebird
P/N: 030601

The Detroit Speed Inc., 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 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.



Item	Part Description	Quantity
1	Wheel Hub Adapter Assembly	2
2	Metri-Pack 150 Series Sealed Female Connector	2
3	Metri-Pack 150 Series Connector TPA Lock	2
4	M10-1.5 x 45mm 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 remove the caliper/bracket assemblies. Support the caliper bracket assemblies underneath the vehicle. Remove the rotors from the hubs.

3. Unplug the factory ABS wire from the factory hub by lifting up on the white tabs and pulling out the connector (Figure 1).



Figure 1 - Unplug ABS Sensor

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

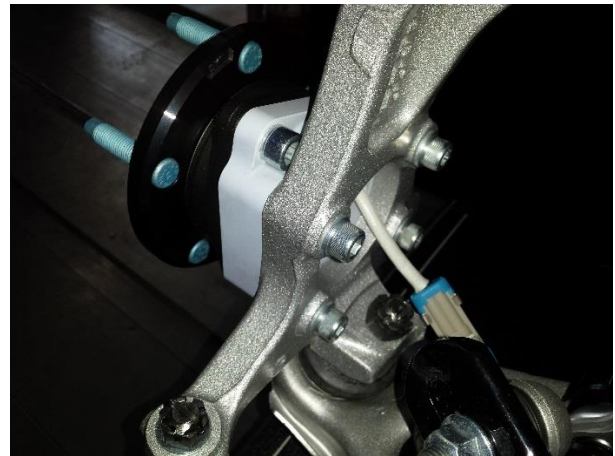
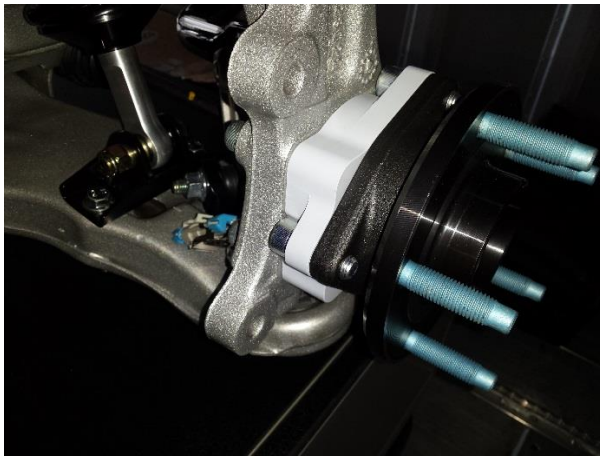


Figure 2 & 3 - Install Adapter Assemblies

5. Install the Detroit Speed Wheel Hub Adapter Assemblies to the factory spindles. Apply Red Loctite 272 onto the threads of the provided M10-1.5 x 45mm socket head cap screws. Install the M10 fasteners with the provided M10 washers into the spindles. Torque to 70 ft.-lbs. (Figures 2 & 3)
6. 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 4 on the next page). **CAUTION:** Be careful not to damage the terminals as you remove them from the connector.



Figure 4 - Remove ABS Terminals

7. 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 5).

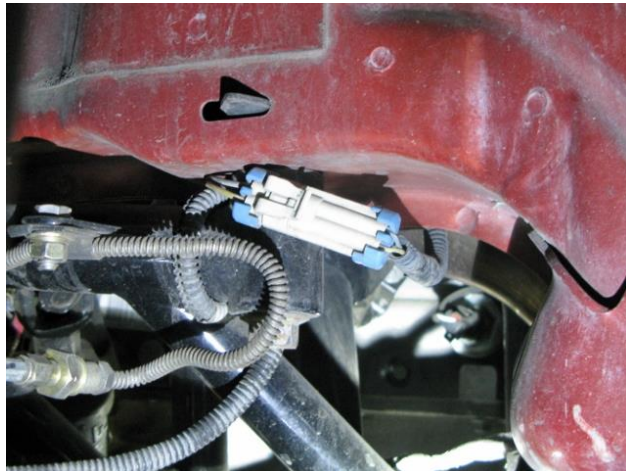


Figure 5 - ABS Body Harness Connector

8. Place the provided blue connector lock onto the light grey Metri-Pack connector. Plug the new connector into the ABS pigtail on the wheel hub adapter assembly (Figure 6).



Figure 6 - Connect ABS Sensor

9. 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 7).

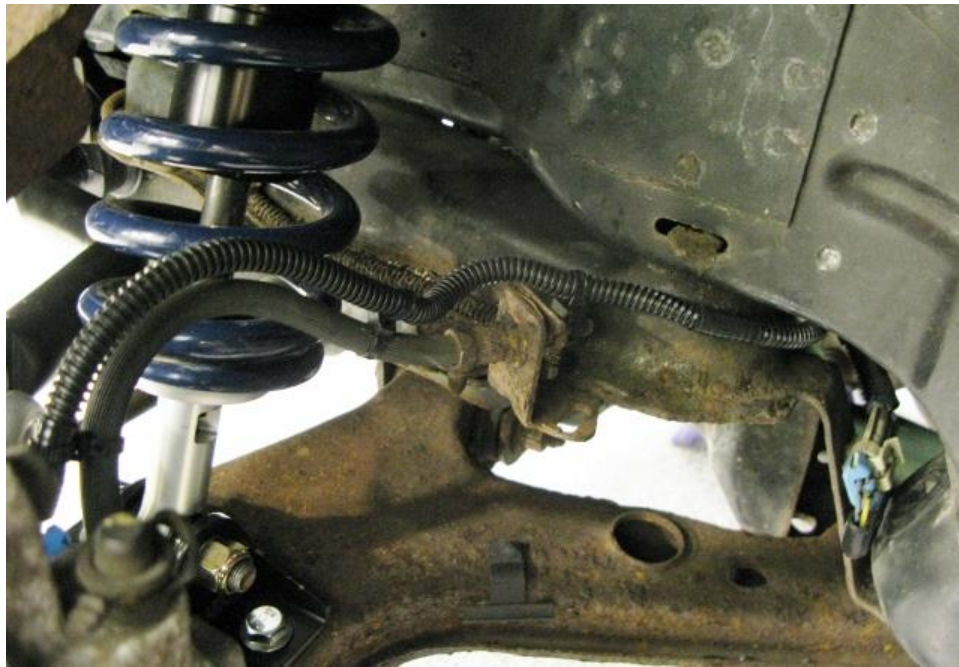


Figure 7 - ABS & Brake Hose Routing

10. Re-install your brake caliper bracket assemblies to the spindles and torque the bolts to 74 ft-lbs. 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 Inc. at tech@detroitsspeed.com or 704.662.3272

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