

NOTICE:

After installation of an Electronic Stabilizer Bar, you must bleed the DR system according to the manufacturer's instructions to eliminate any air that enters the system when opened. Follow all manufacturer procedures and specifications. Use this guide for general reference only.



WARNING:

Never work on or under a vehicle supported only by a jack. Support the vehicle securely on safety stands.

CAUTION:

Dynamic Response components require absolute cleanliness. Install blanking plugs in all open ports and lines to prevent contamination.

CAUTION:

Keep the Dynamic Response Bleed Bottle filled with new, clean fluid throughout the bleeding procedure.

SPECIAL TOOLS NEEDED:

- Dynamic Response Bleed Bottle
- Dynamic Response Control Box

PREPARATION FOR DRS BLEEDING

1. Check the Dynamic Response reservoir and fill it to the midpoint mark.
2. Install the Dynamic Response Bleed Bottle on the reservoir. Confirm that its pressure regulator is OFF.
3. Fill the Dynamic Response Bleed Bottle approximately three-quarters full with the specified fluid, connect it to a suitable workshop air supply, and fill the vehicle reservoir completely.
4. If bleeding the rear stabilizer bar, remove the right rear wheel and tire. Remove the body-frame bracket that secures the fuel breather pipes to improve access to the right rear actuator bleed screw.
5. Disconnect both direction-control-valve electrical connectors.
6. Connect the Dynamic Response Control Box electrical connectors to the valve block, then connect its power leads to the vehicle battery.
7. If bleeding the front stabilizer bar, remove the engine undershield.

BLEEDING THE FRONT OR REAR STABILIZER BAR

1. According the stabilizer being bled (front or rear), remove both bleed-screw covers and connect the Dynamic Response Bleed Bottle hoses to the stabilizer-bar bleed screws.
2. Loosen the right actuator bleed screw one-half turn. Use the Dynamic Response Control Box to open both actuator control valves.
3. Slowly and carefully set the Dynamic Response Bleed Bottle pressure to approximately 5-10 psi (0.3-0.7 kPa). Bleed until clean, air-free fluid flows into the bleed jar. Operate the Dynamic Response Control Box switch several times if needed to pulse air from the actuator.
4. Tighten the right bleed screw to 15 Nm (11 lb-ft), then release the Dynamic Response Control Box switch to close the actuator control valves.
5. Repeat Steps 1-4 for the left actuator bleed screw.
6. Repeat Steps 1-4 two more times to remove any remaining air.
7. Disconnect the hoses, discard the fluid in the bleed jar, and install both bleed-screw covers.
8. Repeat for opposite side if bleeding both front and rear stabilizer bar by refilling the Dynamic Response Bleed Bottle as needed and repeating steps 1-7 at that end.

FINAL DRS BLEEDING PROCEDURES



WARNING:

The Dynamic Response Bleed Bottle remains pressurized after the workshop air supply is disconnected. Release its internal pressure slowly before removal.

1. If removed, install the engine undershield.
2. Disconnect the Dynamic Response Control Box from the valve block, then reconnect the valve block electrical connectors.
3. Disconnect the workshop air supply, slowly release the pressure in the Dynamic Response Bleed Bottle, and remove the bottle from the vehicle reservoir.
4. Fill the vehicle reservoir to the midpoint mark.
5. If removed, install the fuel-breather-pipe bracket.
6. Use IDS to check Dynamic Response system operation. Repeat the bleeding procedure if necessary.
7. Install the wheels and tires. Tighten to the manufacturer's specifications.

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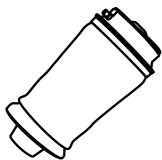
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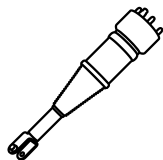
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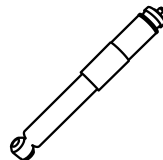
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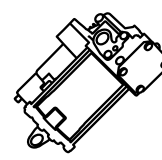
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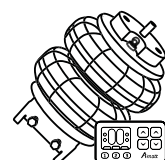
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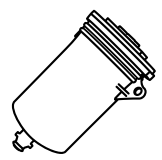
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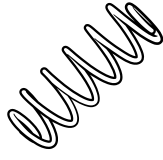
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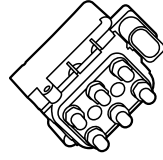
LCV Air Helper
Spring Kits



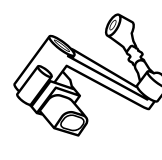
Dryers



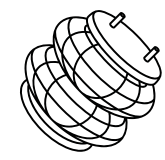
Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors



Pickup Truck Air
Helper Springs