

HALDEX GEN II PERFORMANCE CONTROL MODULE

FITS 2006-UP AUDI A3 QUATTRO, 2006-UP VW GOLF V 4MOTION AND 2006-UP PASSAT 4MOTION
PART #HALDEX.02
INSTALLATION INSTRUCTIONS

TOOLS: 1 – 4mm hex key wrench
1 – Pliers
1 – Drip Tray

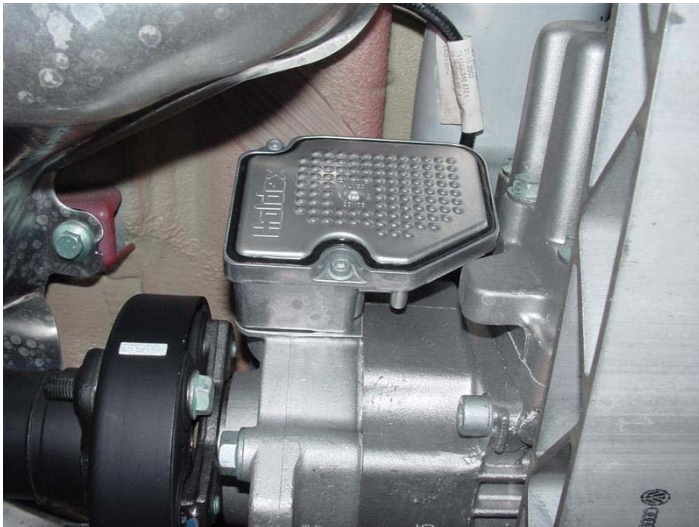
1 – 5mm hex key wrench
1 – Torque wrench

PARTS: 1 – Haldex Performance Control Module
1 – Clutch Control Valve w/ three seals
1 – Spring Plate for Pressure Sensor

1 – Cover
1 – Pressure Sensor w/ one seal
2 – Bolts

NOTE: Control module is calibrated with the Clutch Control Valve. Always replace them together.

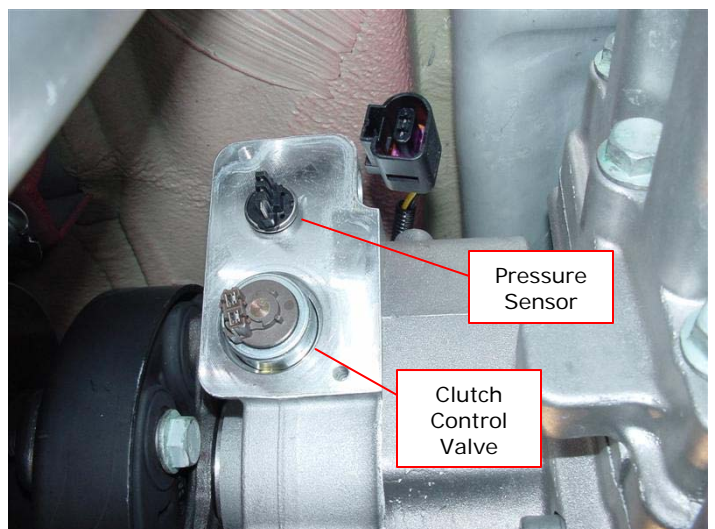
1. Switch ignition off.
2. Raise vehicle and support with jack stands under lifting points. **NEVER WORK UNDER A VEHICLE SUPPORTED ONLY WITH A JACK!**



3. Haldex Control Module is located on left side (driver's side), just in front of rear final drive. Disconnect the two electrical connectors at top of Haldex unit. Unbolting Control Module first may ease disconnecting of electrical connectors, see step #4.

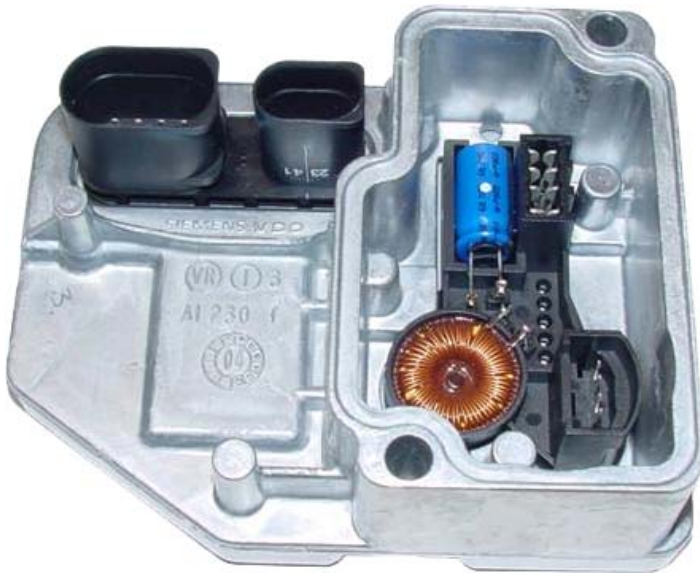


4. Unbolt the two 4mm hex key bolts holding the Control Module to Haldex unit. Carefully remove the Control Module.



5. Carefully grasp Clutch Control Valve with pliers on metal housing and remove by turning back and forth slightly while pulling, some oil will drain out. Now remove the Pressure Sensor. Clean area with a lint free towel.

Control Module Pre-assembly:



8. Insert Pressure Sensor, sensor installs only one way. Insert Clutch Control Valve, valve installs only one way.

9. Coat all seals with Haldex clutch oil. There are (3) seals on the Clutch Control Valve and (1) on the Pressure Sensor.

10. Carefully insert assembled Control Module in Haldex clutch housing.

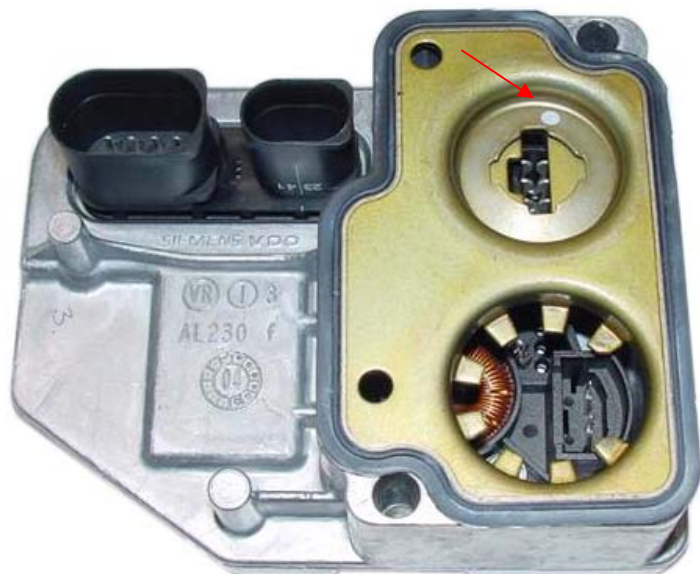
6. Place new cover on Haldex Performance Control Module.

11. Using new bolts supplied, install and torque to 6Nm or 4.4 ft. lbs.

12. Reconnect the two electrical connectors to Control module.

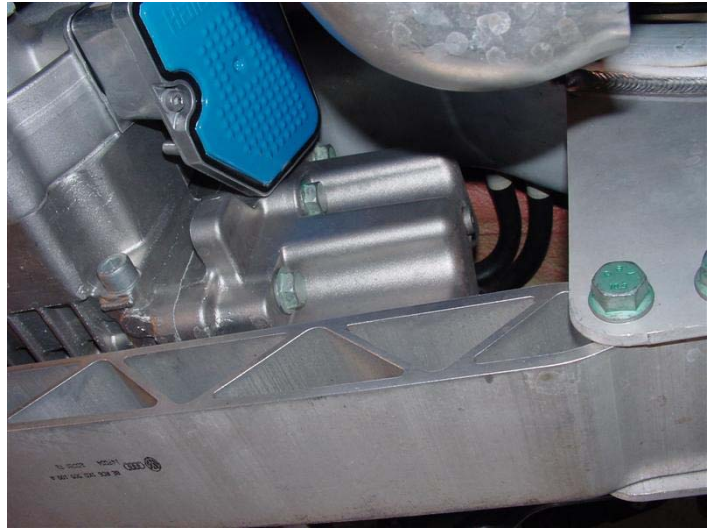


7. Lay spring plate in cover, making sure white dot marking is facing upwards.



Checking Oil Level:

1. Make sure vehicle is parked on a level surface.
2. Make sure oil temperature is between 68° - 104°.



3. Remove oil level check bolt using 5mm hex key wrench. If oil flows out then it is ok. If not then the oil must be topped off. Use only Haldex clutch oil. Torque specification for oil check bolt is 15 Nm or 11 ft. lbs.

Carefully double-check complete installation before test driving. TEST DRIVE CAREFULLY!