

# Installation Instructions

## HDMS Conversion Kit

1. Remove current fan clutch and replace with appropriate air-operated fan clutch.  
Note: It may be necessary to install a 45° or 90° swivel fitting to allow for air line clearance.
2. If installing 24-410CK kit, skip to Step 4. Otherwise, locate the air solenoid valve wire connector harness near the steering column. Remove the cover from the connector.
3. Plug solenoid valve into connector. Skip to Step 5.
4. If installing 24-410CK kit, connect the supplied harness to the plug from original fan clutch and then connect other end of supplied harness to the solenoid valve.
5. Mount the solenoid valve on the driver side firewall using existing bracket and provided hardware.
6. Note: Before cutting air line, make sure to remove air from the vehicle by opening the tank drain or pumping the brakes. Cut the green air line located above the solenoid valve and insert the provided "T" air fitting.
7. Measure the distance from the "T" to the in port (top) of the solenoid valve. Cut provided air line to appropriate length. Cut protective sleeve (provided) to the same length and insert the line into the sleeve.
8. Use this air line to connect the "T" to the in port (top) of the solenoid valve.
9. Determine required air line length from solenoid valve to fan clutch air fitting. Cut remaining air line and protective sleeve to appropriate length. Insert the line into the sleeve.
10. Use this air line to connect the solenoid valve to the fan clutch.
11. Use zip ties to secure the air line & harness.
12. Reprogram the ECM.

