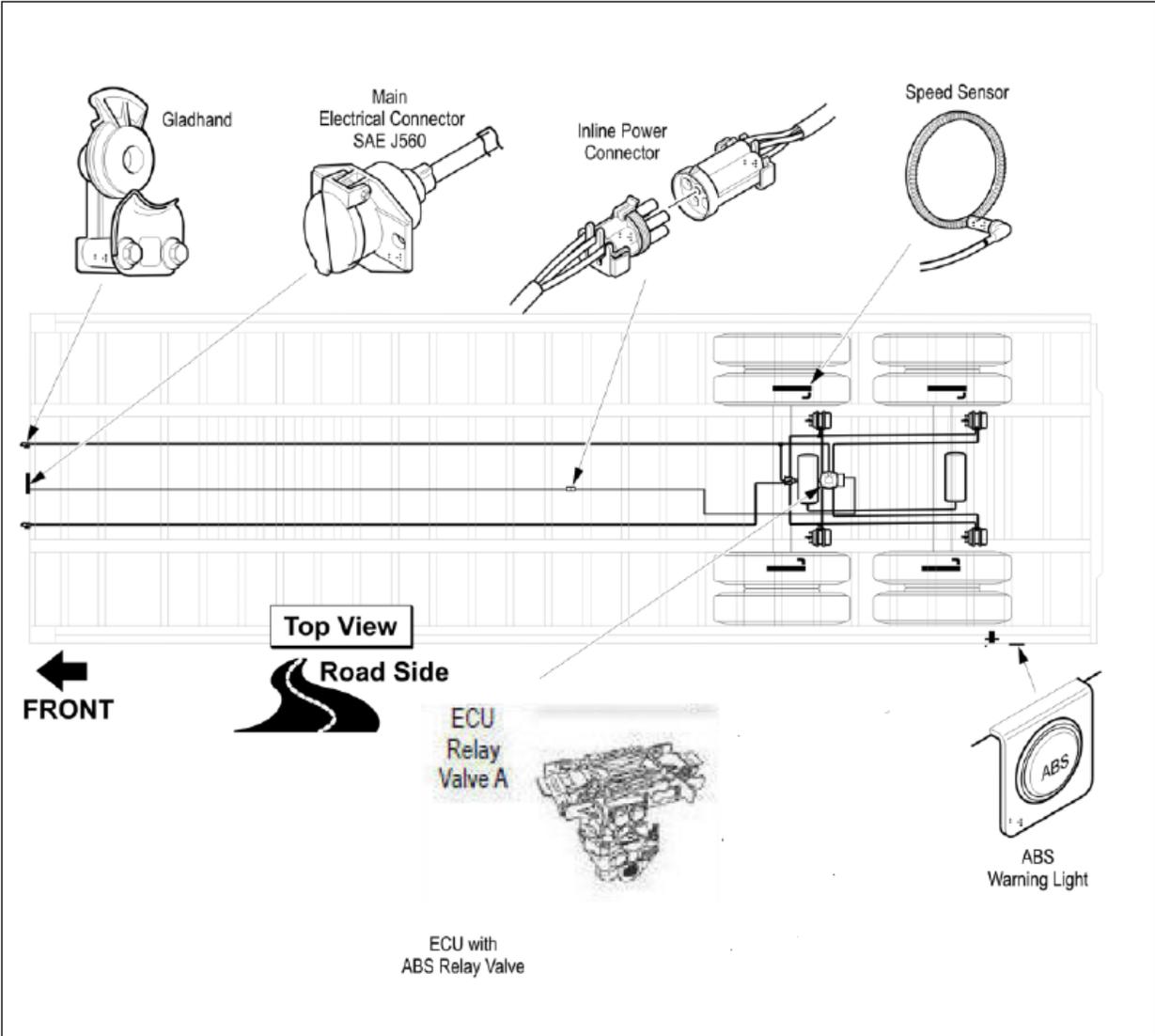




Bendix 4S2M Retrofit To GEN2 4S1M

Kit #

1. Release all pressure from the air system
2. Remove power from the trailer
3. Disconnect and remove the power cable / sensor cable assembly from the ECU / Modulator Assembly
 - a. Note: The power cable must be replaced.
4. Label to identify each air line going to ECU / Modulator Assembly
 - a. Note: Relay Valve B will be removed and the air lines will be routed to Relay Valve A.
 - b. The port that Relay Valve B was removed from needs to be plugged
5. Disconnect all air lines
6. Label and identify each sensor connection
7. Disconnect each sensor connection
8. Remove the ECU / Modulator Valve Assembly from its mounting location:
 - A. **Bracket-mounted:** Loosen and remove the two mounting bolts and lock nuts that hold the assembly to the cross member. Remove the assembly.
 - B. **Nipple-mounted to Air Tank:** Unscrew the assembly from the air tank.
9. Install the GEN2 ECU / Modulator Valve Assembly
 - A. Refer to **How to Install the ECU / Modulator Valve Assembly in GEN2 ABS Installation Manual**
 - B. On 4S2M retrofits, use kit with extended modulator valve cable to connect to ABS relay B.
 - C. On 4S1M retrofits
 - a. Remove ABS relay B and install plug in its place.
 - b. Installation of air lines with include all 4 delivery ports.
10. Install extension cables to each sensor. Follow procedures and locations of [Final Assembly Procedure For Sensor Cables in GEN2 Installation manual](#).
11. Install each sensor to its corresponding location based on the label position and secure locking mechanism. Ensure gel is applied
12. Install GEN 2 power cable and connect power cable connector to ECU. Secure locking mechanism. Ensure gel is applied.
13. Install each air line to its corresponding location based on label position. On a 4S1M retrofit all 4 air lines will be mounted on the 4 positions of Relay valve A
14. Perform end of line test from the GEN2 Installation manual.



Pneumatic Diagram

Key

- 3/8" O. D. Nylon Tubing
- 3/8" O. D. Nylon Tubing (Alt. 1/2" O. D.)
- 3/8" I. D. Hose

