

Install **Guide**

Banks Compressor Relocation Kit

Banks Brake System

FOR USE WITH P.N. 55234

Installation Instructions

This instruction sheet is for the installation of the Banks Brake compressor to its new location. The relocation of the Banks Brake compressor is necessary when installing the Banks High Ram Intake System. After completing the compressor relocation instruction proceed to the Banks High Ram Intake System owners manual for additional instructions.

1. Disconnect both grounds from driver and passenger side battery.
 2. Remove the stock air box intake assembly. Refer to Ram-Air Intake System Owners Manual for removal instructions.
 3. Locate and disconnect the power wire from the Banks air compressor
- fastened to the bus bar. Remove any zip ties retaining the power wire. See **Figure 1**.
4. Disconnect the two (2) spade connectors wires from the compressor panel. See **Figure 2** for reference.
 5. Disconnect the pneumatic hose from the air compressor. Release the pneumatic hose by pressing the quick release collar towards its body and pulling the pneumatic hose in the opposite direction. See **Figure 3**.
 6. Remove the air box tray and attached compressor panel from engine compartment.
 7. Separate the compressor panel from the air box tray.
 8. Remove all components attached to the compressor panel and set aside.
 9. Remove the rubber isolator shown in **Figure 4a** from the compressor.

Figure 1

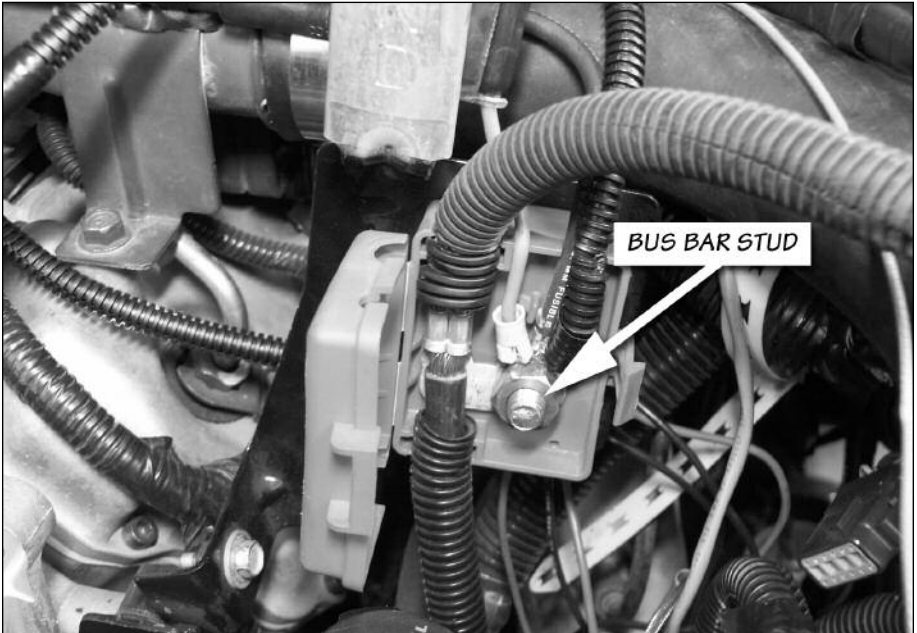


Figure 2

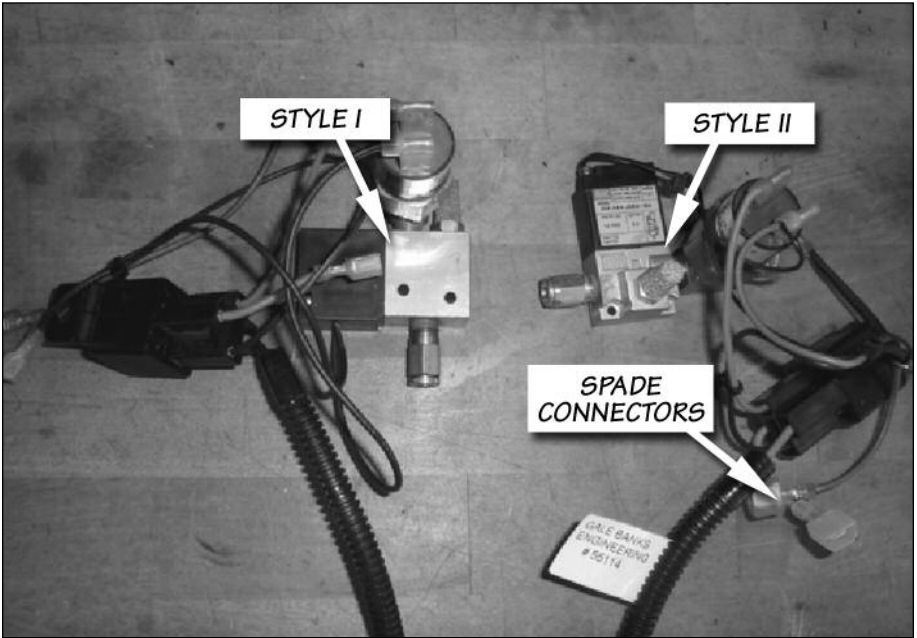


Figure 3



Note: Leave the remaining (2) rubber isolator attached to the compressor.

10. Refer to **Figure 2** to identify which electric solenoid valve is used.

11. If the style I electric solenoid is being used then see **Figure 4a** for reassembly reference. If the style II electric solenoid is being used then see **Figure 4b** for reassembly reference.

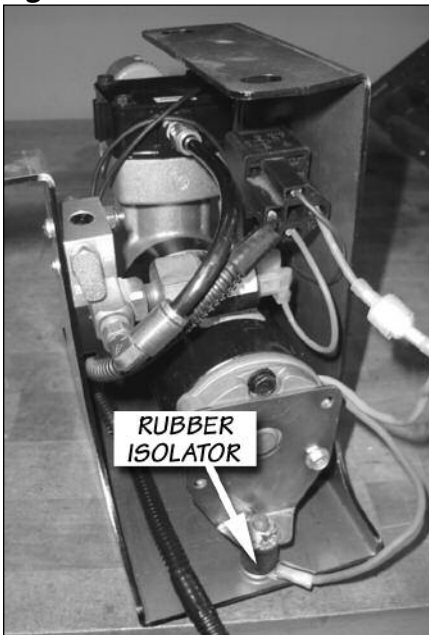
12. Locate the retrofit compressor panel.

13. Install the electric solenoid valve and relay onto the retrofit compressor panel in their designated locations as shown in **Figure 4a** or **Figure 4b**.

14. Install the rubber isolator removed in **step 9** onto the compressor panel and finger tighten.

Note: The air compressors ground terminal will be fastened to this point in a later step.

Figure 4a



15. Slide the air compressor into the retrofit compressor panel. Install base bracket into position to accept the rubber isolator and fasten nut to air compressor bracket.

16. Install air compressor ground terminal to rubber isolator.

NOTE: Make sure to have the ground terminal touching the retrofit compressor panel.

17. Tighten all nuts to rubber isolators.

18. Install the pneumatic hose from the air compressor to the electric solenoid as shown in **Figure 4a** or **4b**. Trim the hose to fit with a sharp knife or razor blade. Avoid cutting with scissors because this can collapse the hose. If a longer pneumatic hose is needed then cut off from the pneumatic hose that leads to the exhaust brake actuator (this hose will

Figure 4b



Figure 5



Figure 6



need to be shortened to fit properly in the new mounting location).

19. Locate the inner fender brace on the top left of the engine compartment. See **Figure 5**. Remove the fender brace four (4) bolts and then set aside.

20. Remove the connector attached to the engine firewall by pulling off the plastic retainer.

Note: The connector is being relocated to provide clearance for the brake compressor panel.

21. Install the new compressor panel with the installed air compressor and components in the area under the removed fender brace and in front of the engine firewall. See **Figure 6** thru **7**.

22. Reinstall the inner fender brace and fit it to the original location. Make sure to line up the compressor panel bolt holes to the fender brace bolt

holes and fasten bolts.

23. Locate the supplied bolt, washer and nut from the kit and fasten the compressor panel to the inner fender brace. See **Figure 8**.

24. Secure connector removed from engine firewall in step 20 to a new location. Use a wire tie and secure to wire harness.

Note: Do not stress the wires, connector, or wire harness.

25. Re-route the wiring and the pneumatic hose to the new air compressor location.

26. Trim the pneumatic hose to the appropriate length for the new mounting location and insert it into the air compressor solenoid valve outlet.

27. Reconnect the wiring connections to the compressor panel and coil up and secure any extra wire length.

Figure 7

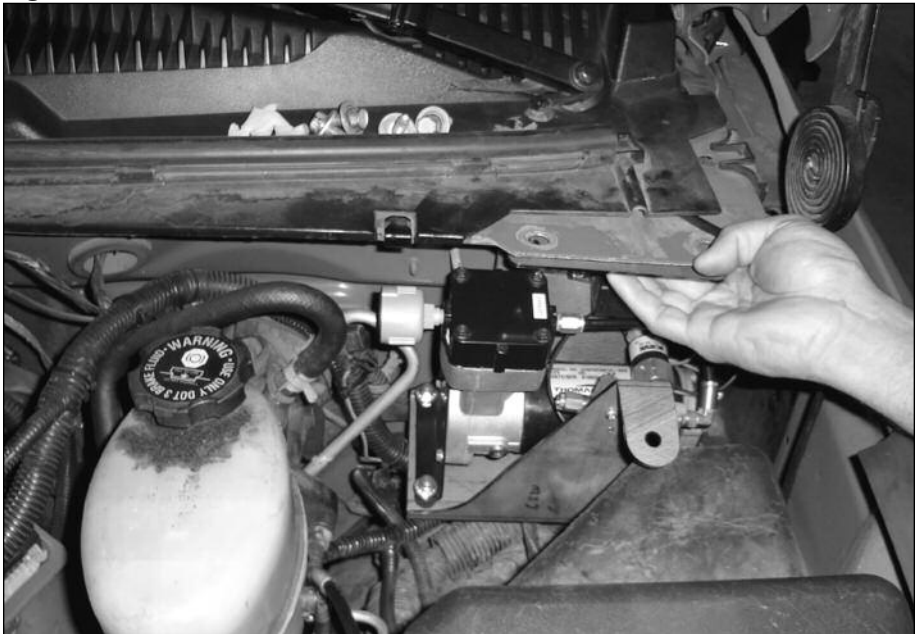
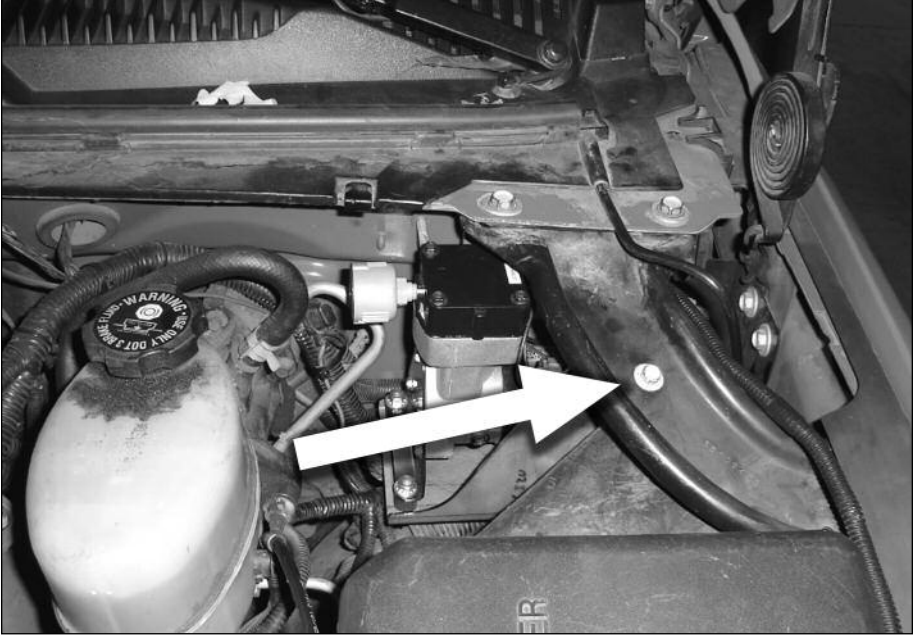


Figure 8



- 28.** Reconnect the power wire from the Banks air compressor to the bus bar.
- 29.** Reconnect the battery grounds to both batteries.
- 30.** You have now completed the relocation of the Banks air compressor to the new location. Proceed to the Banks Ram Air Intake System owner's manual to complete the installation.