This Service Information bulletin supersedes SI B04 33 15 **dated June 2016**.

MODEL

G12 (750Li)	G12 (750Li xDrive)	G12 (740Li)

SITUATION

The fix for the operational problem has been developed and sent out to all centers as announced in SI B04 15 16. After performing the fix as outlined in SI B04 15 16, the Break Out Box set may once again be used. Do not use the B.O.B. unless the fix has been performed.

UPDATE! **Note: The 132 pin Break Out Box is not to be used for resistance measurements.**

Due to the semiconductor nature of the recently distributed filter (SI B04 15 16) the resistance values on all pins are off by ~27 ohms. All resistance measurements must be made directly at a connector or source (sensor etc.) or with previously distributed Break Out Boxes where applicable. However, the 132 pin Break Out Box can be used to perform voltage drop tests which can provide a more dynamic test than the resistance measurement test. A resistance measuring Break Out Box for DME/DDE 8 (and newer) is under development for future distribution. We apologize for this inconvenience.

132 Pin Break Out Box (B.O.B.)
Order P/N 83 30 2 352 990

UPDATE! Price= Refer to ATLAS

- The 132 pin B.O.B. was developed to meet the needs of the new DME8 control modules.
- All previously distributed D-Sub connector test cables work with the new 132 pin B.O.B. through the use of adapters.
- The following previously distributed B.O.B.s are out of production.
  - 26 pin 611 459 -83 30 0 492 766
  - 60 pin 614 390 -83 30 0 493 186
  - 105 pin 314 380-83 30 0 493 962
- New feature – LED displays that light up at pins with voltage to them.

Included with Break Out Box

1. Plastic Carry Case
2. B.O.B. #2
3. 12V connection cable
4. Templates

   3 for B.O.B. 1

   2 for B.O.B. 2

   1 for 83 30 0 494 963 incl. w/B04 15 05

   1 for 83 30 0 494 894 incl. w/B04 12 05

5. Ground cable – long
6. Ground clamp
7. Ground cable short
8. B.O.B. #1

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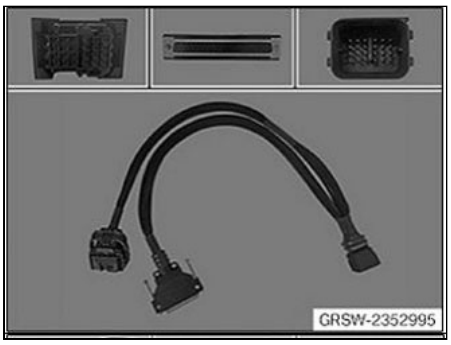
	Includes instruction manual (not shown)
	• 3 way B.O.B. adapter –included • Comes bolted to the B.O.B. • 3 way adapter can be replaced if broken or worn (P/N 83 30 2 410 561).
	B.O.B. Function Test • Attach 12 volt power cable to B.O.B. • Connect other end of cable to 12 volt power source • Switch on vehicle ignition • Press button (1) All the LEDs should light up if the B.O.B. is functioning properly.
	24 Pin test Cable Order P/N 83 30 2 352 995 UPDATE! Price= Refer to ATLAS • The 24 pin test cable is required to test the new DME8 control module. • The test cable is used in conjunction with Break Out Box set 83 30 2 352 990. • For complete detailed information on this tool refer to the diagnostic test plan.
	32 Pin test Cable Order P/N 83 30 2 352 991 UPDATE! Price= Refer to ATLAS • The 32 pin test cable is required to test the new DME8 control module. • The test cable is used in conjunction with Break Out Box set 83 30 2 352 990. • For complete detailed information on this tool refer to the diagnostic test plan.

SPECIAL TOOL WARRANTY

Terms of the Parts department Special Tool Warranty can be viewed and printed by following the path below:

- Go to TIS.
- Select “Tools and Equipment.”
- Select “Special Tool Parts Warranty.”

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