



Stoneridge Instrument Cluster ABS Malfunction Indicator Noncompliance

RECALL

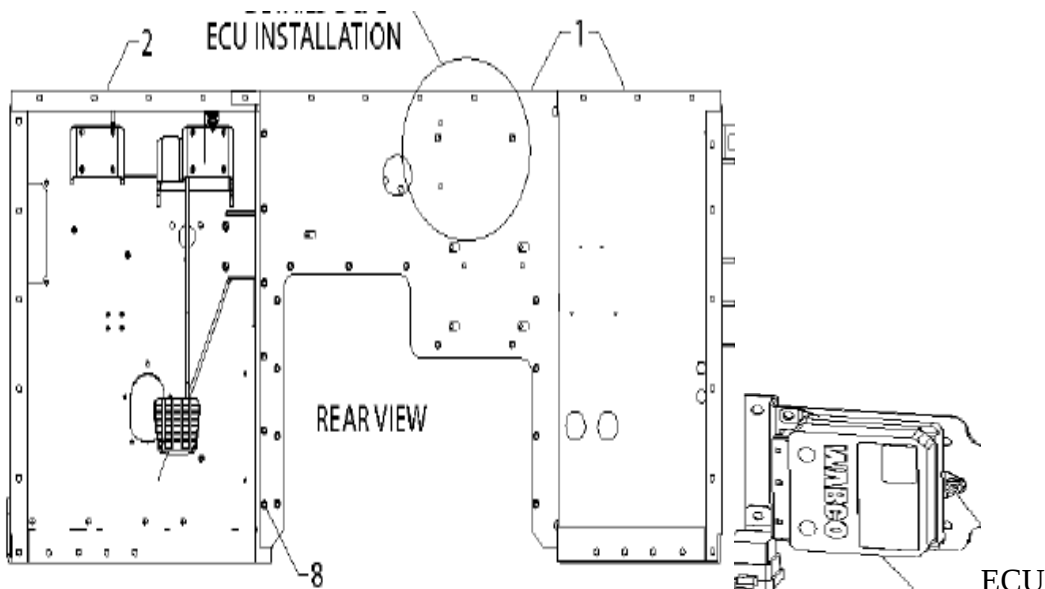
ABS WIRING UPDATE PROCEDURE

WARNING: Always follow all Federal, State, And Local and Shop safety standards and use proper safety equipment when performing these procedures. Observe all safety precautions to secure the bus from rolling. **NOTE: This wiring update procedure is ONLY applicable to buses with cab mounted "D" version ABS ECU's.**

1. Park the bus on a level surface, apply parking brakes, turn off engine and remove keys. Chock wheels.
2. Disconnect batteries – Note; When disconnecting the batteries, remove the negative cable first.
3. Remove chassis Power Distribution Unit (PDU) cover by removing two thumb screws. The thumb screws are located at the top of each side of the cover.



Thumb screws.
Cover is located
lower center of
dash.



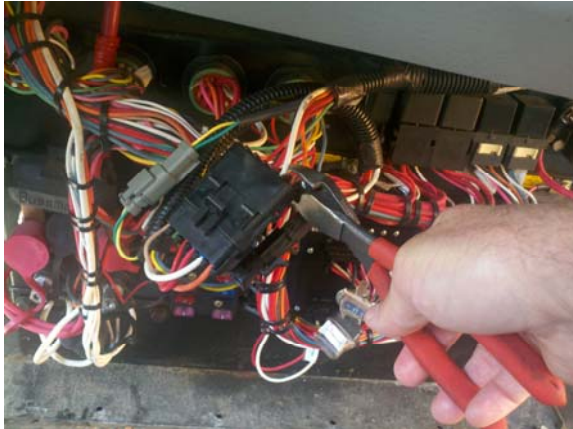


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4. Locate connector C504 in PDU (detail shown below). Cut and remove connector C504 from the PDU and ABS harness.



5. Splice each circuit from previous step to the corresponding circuit. Use appropriate terminal as listed below.

“ABS LGT”, “ABS ACTIVE”, circuit use terminal # 00005840.

“ABS GND”, “ABS BATT”, “MOD PUMP BATT”, circuit use terminal # 0036508.

“ABS IGN” circuit use terminal # 00036507.

	C504	
ABS IGN (OR)	>A>	ABS IGN (OR)
ABS GND (WH)	>B>	ABS GND (WH)
ABS BAT (RD)	>C>	ABS BAT (RD)
MOD PMP BAT (RD)	>D>	MOD PMP BAT (RD)
ABS LGT (GN)	>E>	ABS LGT (TN)
ABS ACTIVE + (GN)	>F>	ABS ACTIVE + (TN)

Remove two “C504” connectors and splice each circuit to the corresponding circuit.

6. Replace PDU cover and reconnect batteries. Note: Reconnect positive cable first.
7. Switch ignition key on. Verify ABS has no fault codes and system checks OK using diagnostic switch on RH front panel. See following illustrations.



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1 Second
Hold

System O.K.



Light ON

Pause
1.5 s



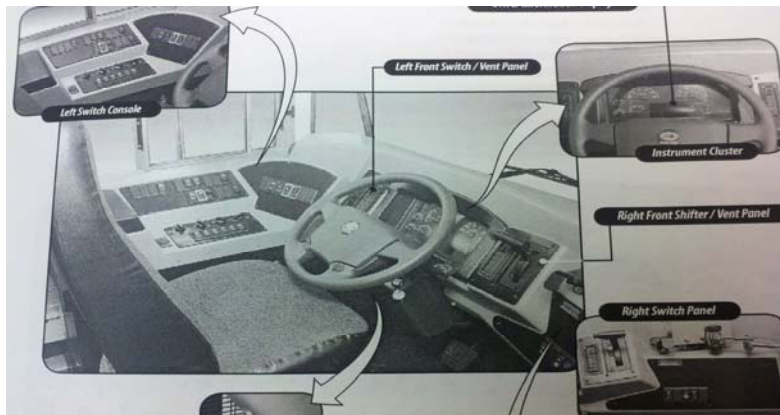
(1)

Pause
1.5 s



(1)

Blink Code 1-1: System OK



Diagnostic Switch
located in this panel.

8. Blink code 1-1 indicates system OK and no fault codes. Any other blink code indicates a fault code. If any fault code exists please refer to maintenance manual 39 included in your Vision service manual.
9. ABS wiring update procedure is complete.

PARTS

PART NUMBER	QUANTITY	DESCRIPTION
000036507	1	Terminal, Butt Conn, 14-16 GA, Sealed
000036508	3	Terminal, Butt Conn, 10-12 GA, Sealed
000005840	2	Terminal, Butt Conn, 18-22 GA, Sealed