
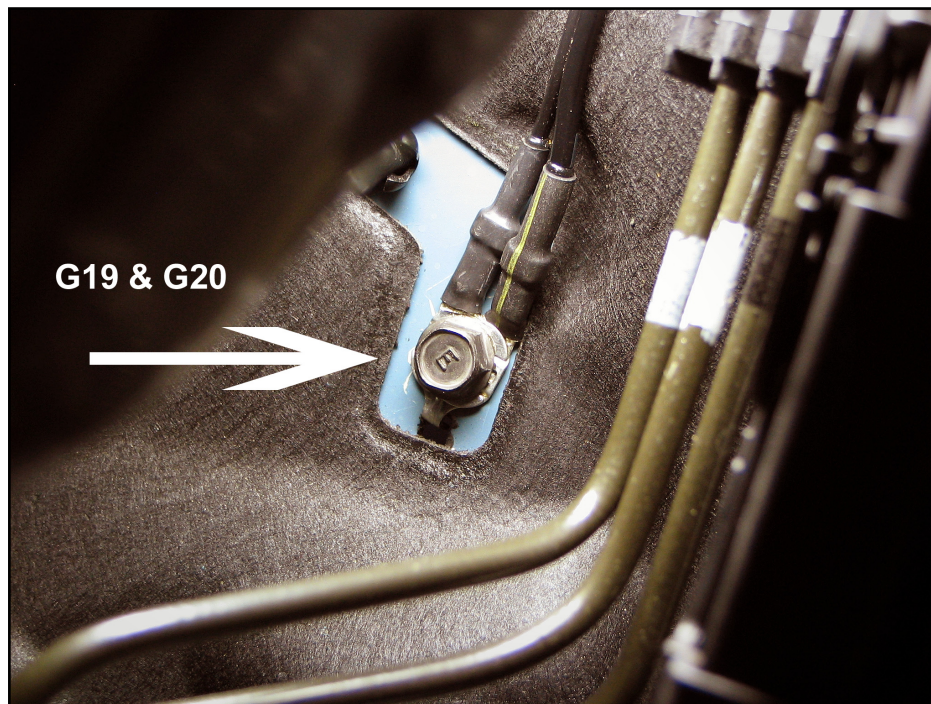


<div style="text-align: center;">  </div>	<b>GROUP</b> <b>Chassis</b>	<b>MODEL</b> <b>Sedona (VQ)</b>
	<b>NUMBER</b> <b>018</b>	<b>DATE</b> <b>November 2007</b>
<h2>TECHNICAL SERVICE BULLETIN</h2>		
<b>SUBJECT:</b> <p style="text-align: center;">SEDONA (VQ) ABS/ESC WARNING LAMP ON – POOR          GROUNDS</p>		

Some 2006 – 2007 Sedona (VQ) vehicles with a production date earlier than March 8, 2006 may exhibit a customer concern of an ABS/ESC Warning Lamp (MIL) being illuminated. Various DTC's such as C2402 or U0001 may also be stored in the control module – OR – the GDS Scan Tool may not be able to communicate with the ABS/ESC system at all. Do NOT replace an ABS/ESC unit without at least first applying the procedure described in this TSB. These symptoms may result from poor grounds at G19 and/or G20, caused by paint remains between the bolt and mating weld nut attaching the ground terminal to the body. This TSB provides a procedure to properly correct this condition. Remember too, that other poor connections may exist, and should also be checked prior to any part replacement.



Ground Point G19 – G20

Located Behind ABS/ESC Unit On LH (Driver's) Side Outboard Panel

**File Under: Chassis**

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Circulate To:	<input checked="" type="checkbox"/> General Manager	<input checked="" type="checkbox"/> Service Manager	<input checked="" type="checkbox"/> Parts Manager
	<input checked="" type="checkbox"/> Service Advisor(s)	<input checked="" type="checkbox"/> Technician(s)	<input checked="" type="checkbox"/> Body Shop Manager <input checked="" type="checkbox"/> Fleet Repair

**SUBJECT:**

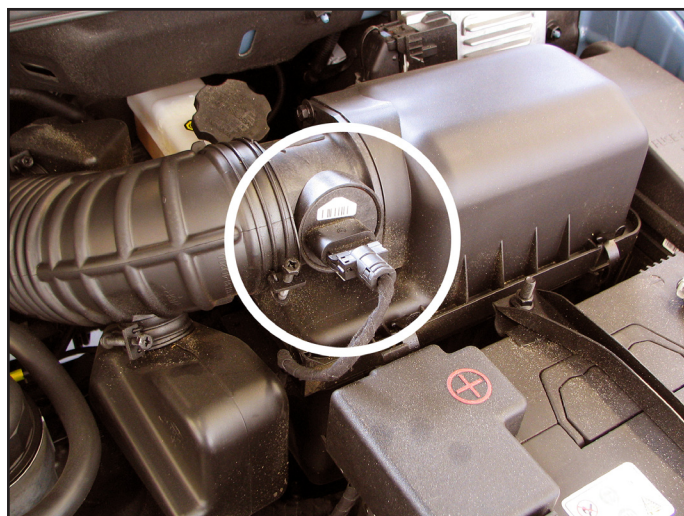
## SEDONA ABS/ESC WARNING LAMP ON - POOR GROUNDS

### Repair Procedure

1. Remove and set aside the engine cover.  
(4 bolts)



2. Disconnect the Mass Air Flow Sensor's (MAF) electrical connector.



**NOTE:** Slide the gray colored lock tab slightly in the direction indicated by the arrows in the photograph, which will expose the release tab for the connector. If this is not done first, the MAF connector will be damaged.

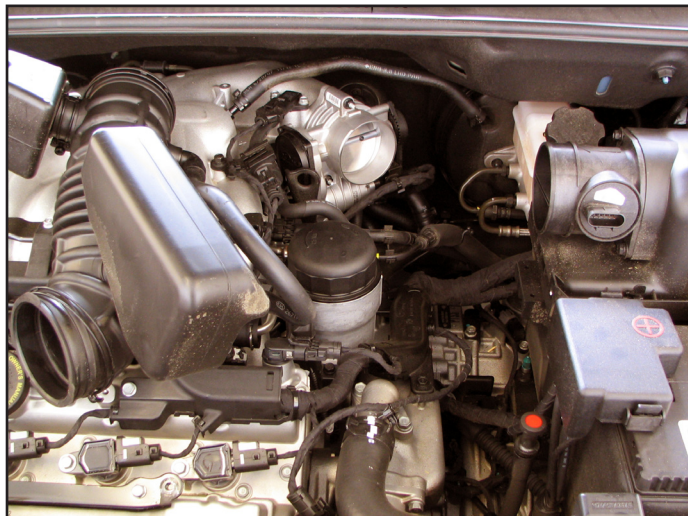
Gray lock tab is shown here in the released (outward) position.





**SUBJECT:****SEDONA ABS/ESC WARNING LAMP ON - POOR GROUNDS**

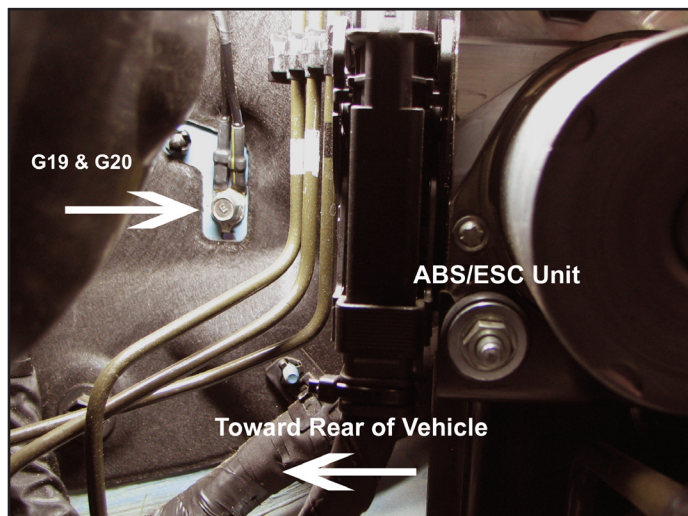
3. Loosen the hose clamps at the MAF and throttle assembly. Remove and lay aside the air intake hose as shown, so it's out of the way.



4. Release the two spring clips that attach the air filter assembly cover. Remove the cover (with MAF attached) and the air filter insert. This will allow better access to G19 and G20.



5. Locate the ground point for G19 and G20. It is located behind and close to the ABS/ESC unit, on the LH (driver's) side outward panel.

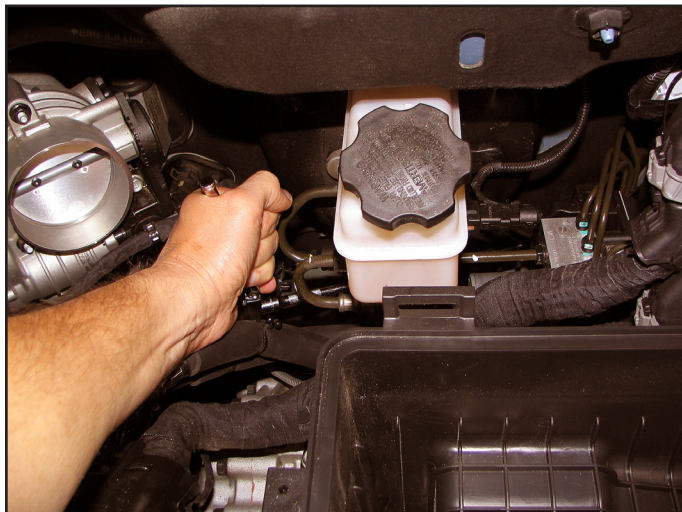


**SUBJECT:**

## SEDONA ABS/ESC WARNING LAMP ON - POOR GROUNDS

6. Using a 1/4" drive ratchet, 14" extension and 10mm flex / swivel socket, reach behind the ABS/ESC unit to remove the G19 – G20 ground bolt.

You may need to insert your other hand over-top of the ABS/ESC unit (between the brake fluid reservoir and PCM) to guide the socket onto the bolt head.



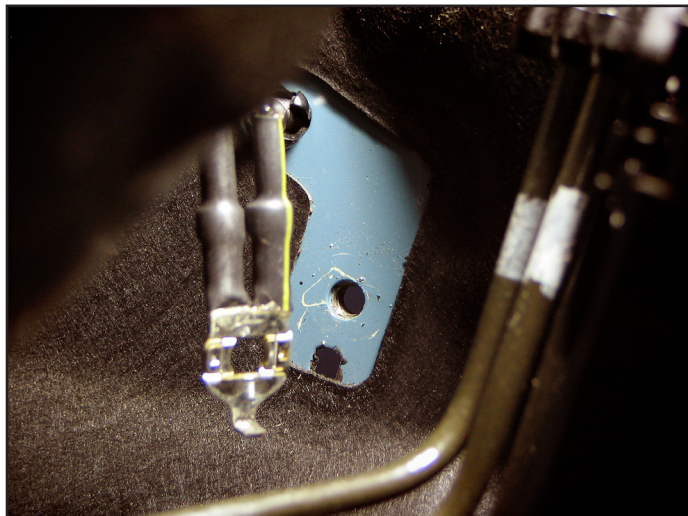
The bolt used for G19 – G20 is a self-tapping bolt, which collects debris when first inserted. The next steps will provide a procedure to clean and further remove any remaining debris from this bolt and its threaded hole.





**SUBJECT:****SEDONA ABS/ESC WARNING LAMP ON - POOR GROUNDS**

7. First, move the ground lug away from the threaded hole so no debris will collect on or between the ground surfaces during the thread cleaning process.



- Clean the removed bolt threads with a stiff bristle brush. (Do NOT use a wire wheel, as this can damage the bolt's self-tapping capability!)
  - Reinstall the bolt fully without attaching the ground lug.
  - Run the bolt in-and-out completely 3 times (without fully removing) to clean the body's threaded area.
  - Once again, completely remove the bolt and clean the threads with a stiff bristle brush.
  - Use compressed air to blow any remaining debris from the threaded hole, body surface and the self-tapping threads on the bolt.
8. Reinstall the ground lug on the bolt and fully tighten the bolt to the body.

**NOTE: Be certain that the hook on the ground lug is inserted into its mating hole when reinstalling bolt. Otherwise, the ground lug may become deformed and not provide a proper ground.**

9. Install all parts in the reverse order of removal.

Clear any DTC's that may have been generated.

Cycle the ignition key OFF, and then back ON. Make sure the ABS/ESC light (MIL) turns ON for the lamp check, and then turns OFF after several seconds.

If the MIL comes back on, check for any stored DTCs, and repair as necessary referencing the service information.

**SUBJECT:**

**SEDONA ABS/ESC WARNING LAMP ON - POOR GROUNDS**

**AFFECTED VEHICLE RANGE:**

2006 – 2007 Sedona (VQ) produced before March 8, 2006

**REQUIRED SST:**

Global Diagnostic System (GDS) with latest software version installed

**WARRANTY CLAIM INFORMATION:**

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Time	Related Parts	Qty.
W	58920 4D300	0	N69	C15	Removal of paint from ground bolt	95660F00	0.3	NA	0

N69: Warning Light On

C15: Poor Contact