

Subject

GM 6.0L Power Steering Active Hydraulic Assist Module Relocation Instructions

System or Parts affected

Underhood 70 (V900127)
2012-2017 GM-2500-3500 6.0L V8 Gas

Scope

Power steering module hits the power steering reservoir when the engine rocks during acceleration after installing our main compressor bracket. A bracket must be added to the module which will create more clearance.

Before you start

The best time to relocate this new bracket is after the OEM alternator/power steering bracket has been removed from the engine. Perform this step by following the included instructions when you get to Page 10, step 7 of the Installation manual.

Instructions

If equipped, the module will be mounted to the steering box below the power steering fluid reservoir. (Figure 1)

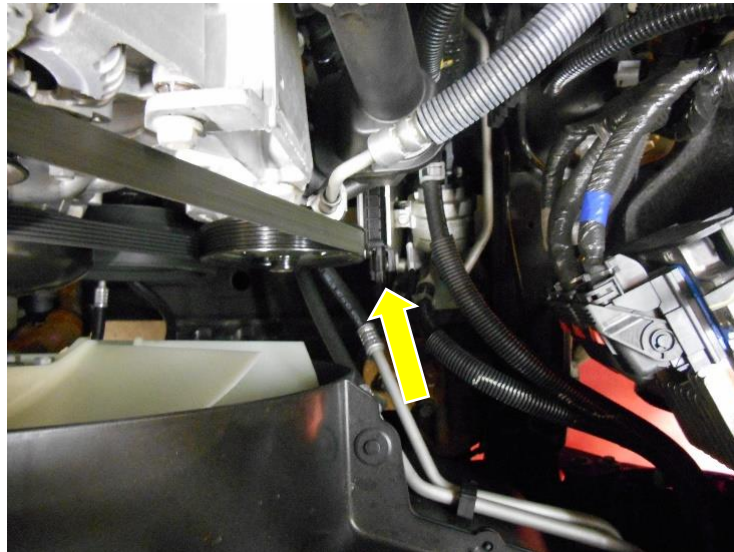


Figure 1

Document	Version	Department	Revision Details	Revised by	Tech	Engineering	Implemented
1901036	A	Tech	Document Release	BDJ 7 Nov 2016	DSB 7 Nov 2016	N/A	07 Nov 2016

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Remove the bolt that holds the power steering module from its mounting ears. Disconnect the rear electrical connector from the module. Disconnect the wire harness clip holding the wire harness to the brace. Remove the clip from the harness.(Figure 2)

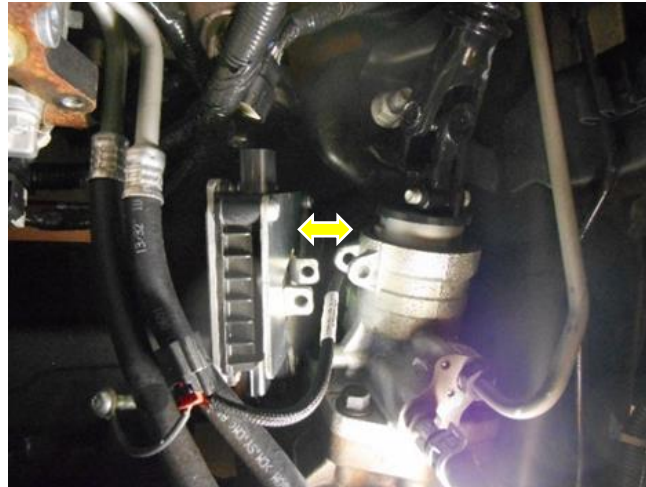


Figure 2

Using a supplied M8 x 50mm bolt & 8mm nut, and M8 x 16mm bolt, install the power steering module relocating bracket to the steering box ears that were holding the module in the original stock position using Blue Loctite © on all bolts. The bracket will relocate the module forward about an inch and tilt it forward. (Figure 3).



Figure 3

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Using the supplied M8 x 20mm bolt & 8mm nut to connect the OEM ground ring to the module using Blue Loctite on the bolt. (Figure 4)

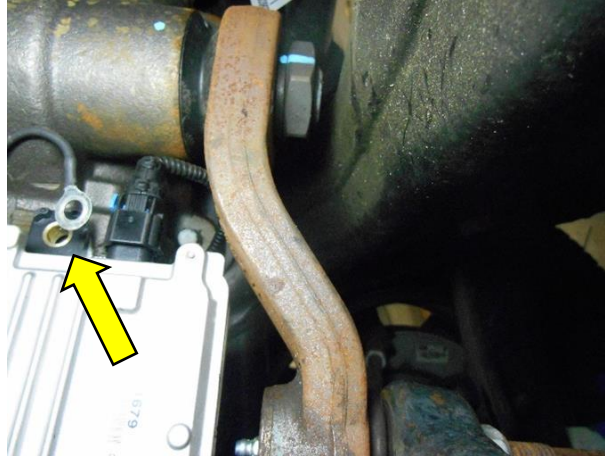


Figure 4

Install the power steering module on the new bracket with M8 x 50mm bolt & 8mm nut using Blue Loctite on the bolt.(Figure 5)



Figure 5

Reconnect the rear electrical connector.
 Ensure the wire harnesses is not contacting anything by securing if necessary.
 Ensure that the transmission cooler line is not contacting module. If it is touching you can slight bend the line away from the module.
 Check that the relocated module does not interfere with steering arm.
 At the end of the kit installation, running the truck to verify clearance by turning the steering wheel lock to lock.

If you have any questions please contact VMAC Technical Support at 1-800-241-2289

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