



MIN – 14119
03 September 2014

SB-10056783-9037

Subject:
ProStar® Inoperative Engine Brake

Models Involved:
ProStar®

Defect Description:
Certain ProStar® vehicles are experiencing conditions where the engine brake is inoperative. This condition is caused by the body controller not recognizing the switch input when the brake pedal is depressed.

Tools Required:
No special tools are required.

Parts Required:

Part Number	Description	Quantity
3522073C1	Terminal Cable, Female	1
3544877C1	Terminal, Cable 280 Series F/M Terminal (Packard) 16,18-Gauge	1
N/A	18-Gauge Wire (Source Locally)	Measure Accordingly

Table 1 Parts Information

Work Instructions

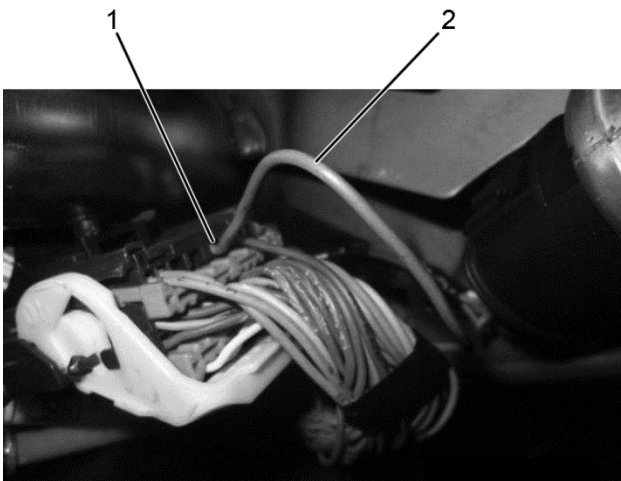
WARNING! To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

WARNING! Always wear safe eye protection when performing vehicle maintenance. Failure to comply may result in personal injury and / or death.

WARNING! To prevent property damage, personal injury, and /or death, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

WARNING! To prevent property damage, personal injury, and / or death, remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last.

1. Bring vehicle into shop and park on flat surface.
2. Shift transmission to Park or Neutral and set parking brakes.
3. Install wheel chocks.
4. Disconnect and isolate negative battery cable.
5. Remove left-side kick panel and steering column trim panel. Refer to service manual for detailed instruction.
6. Gain access to connector 1602 near body controller.
7. Gain access to connector 1800 near ignition switch.
8. Obtain 18-gauge wire and route one end from connector 1800 near ignition switch to connector 1602 near body controller, avoiding any moving parts. Cut wire for pre-determined length.
9. Trim 1/8 in of shielding from each end of wire.
10. Crimp Packard terminal to one end of 18-gauge wire at connector 1800.
11. Crimp female terminal to opposite end of 18-gauge wire.



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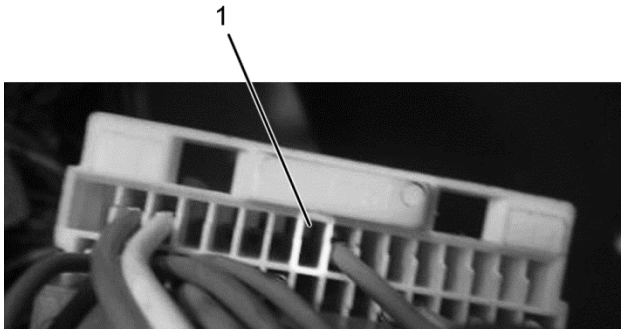
Figure 1. Connector 1800.

1. Cavity D4
2. Wire harness

12. Unlock connector 1800.

13. Install / populate newly built harness end (Figure 1, Item 2) with Packard terminal into cavity D4 (Figure 1, Item 1).

14. Lock connector 1800.



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Figure 2. Connector 1602.

1. Cavity F8

15. Gain access to connector 1602 near body controller.

16. Unlock connector 1602.

17. Install / populate newly built harness end (Figure 1, Item 2) with female terminal into cavity F8 (Figure 2, Item 1).

18. Lock connector 1602.

CAUTION: To prevent property damage, keep harness away from moving parts.

19. Secure harness to existing vehicle wiring harness with tie wraps.

20. Install steering column trim panel and left-side kick panel. Refer to service manual for detailed instruction.

21. Connect negative battery cable.

22. Turn key on and press engine brake switch. Engine brake indicator should illuminate.

23. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Table 2 Labor Information

Operation Number	Description	Time
A40-14119-1	Build and Connect Engine Brake Wire	0.5 hr

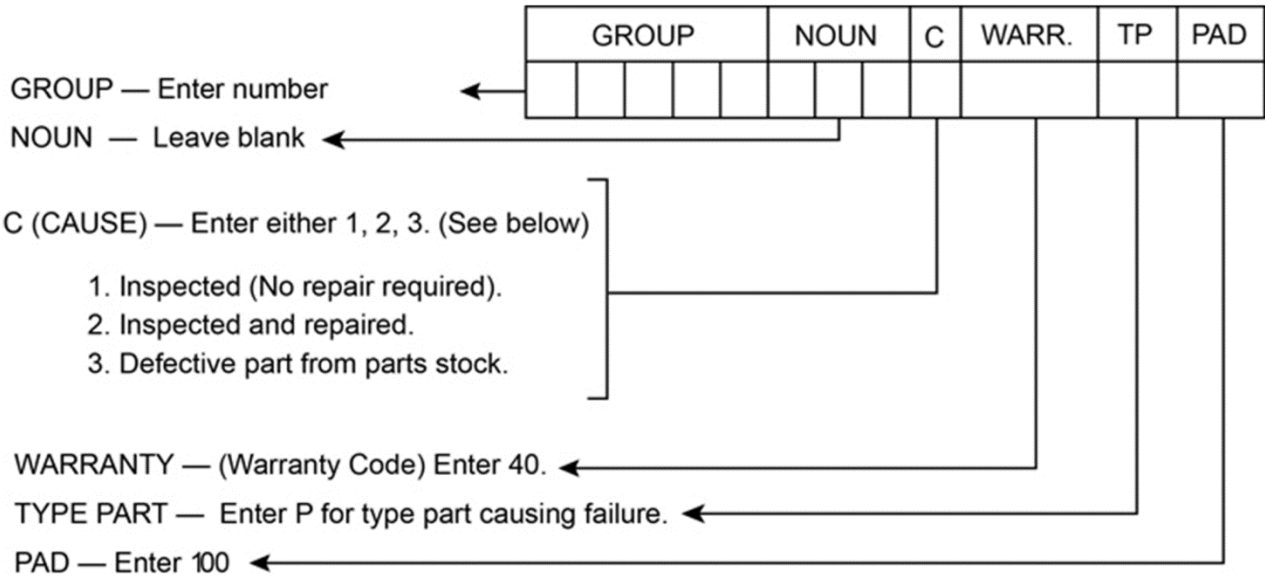
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Misbuild Investigation Notice 14119.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Policy Manual, Section 7.1.8.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 14119 activity must be submitted by 03 September 2015 or within the normal warranty period for the vehicle, if after 03 September 2015.



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