



MIN – 13113

21 October 2013

Subject:

Air Drier to Engine Purge Valve Air Line

Models Involved:

ProStar[®] with a build date between 20 March 2013 and 08 July 2013

Defect Description:

Vehicles may have been built without the air line from air drier to engine purge valve fitting. This MIN provides instruction for installing the air line from the air drier to the purge valve fitting on the engine.

Tools Required:

No tools required.

Parts Required:

Part Number	Description	Quantity
2017484C1	Connector, Push to Connect 1/4 MPT X 3/8 Tube	1
2024446C1	Elbow, 90 Deg 1/4-in Push to Connect (PTC) X 3/8-in Stem	1 (As Required)
2024458C1	Tee, 3/8-in PTC X 3/8-in PTC X 3/8-in Stem	1 (As Required)
417199C3	Tube, Nylon (Bulk) 3/8-in Purple	Length As Required

Table 1 Parts Information

Work Instructions

WARNING! Park vehicle on hard flat surface, turn the engine off, set the parking brake, and block the wheels to prevent the vehicle from moving in both directions. Failure to do so may result in property damage, personal injury, and / or death.

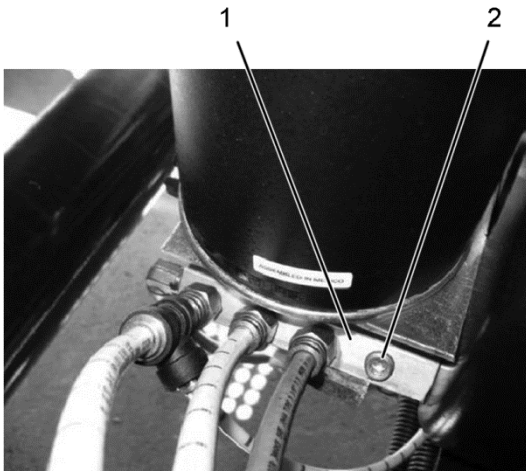
WARNING! If the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over, potentially resulting in property damage, personal injury, and / or death.

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

WARNING! Keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases. Failure to do so may result in property damage, personal injury, and / or death.

WARNING! Remove the ground cable from the negative terminal of the battery box before disconnecting any electrical components. Always connect the ground cable last. Failure to do so may result in property damage, personal injury, and / or death.

1. Bring truck into shop and park on flat surface.
2. Shift transmission to Park or Neutral, set parking brake, and install wheel chocks.
3. Unlatch and open hood.
4. Drain air tanks.



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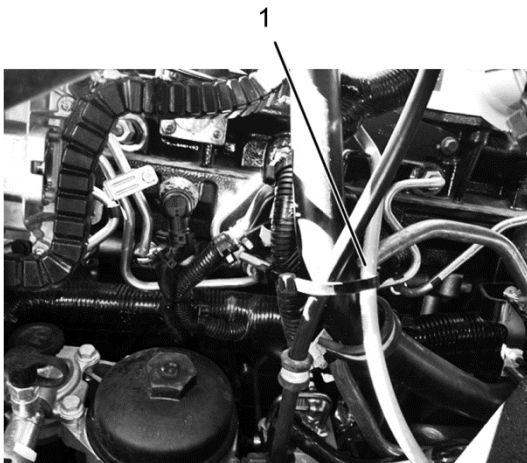
Figure 1. Air Drier and Pipe Plug.

1. Air drier
2. Pipe plug

5. Remove pipe plug (Figure 1, Item 2) from air drier (Figure 1, Item 1).

NOTE: If a hose is already connected to this port, a tee fitting and possibly a 90-degree fitting will be required.

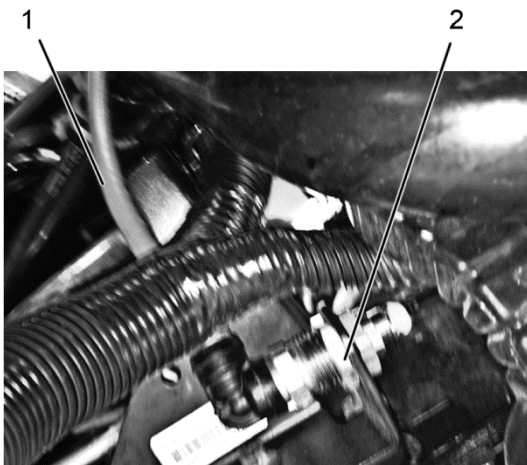
6. Install straight quick connect fitting in air drier port. Some vehicles may also require 90-degree fitting depending on location of air drier.



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Figure 2. Air Line Routing.

1. Air line



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Figure 3. Purge Valve Fitting.

1. Air line
2. Purge valve fitting

7. Run 3/8-in air line (Figure 2, Item 1) from air drier along top of left frame rail to purge valve fitting (Figure 3, Item 2) on side of engine.
8. If equipped, remove plastic plug from purge valve fitting on side of engine.

9. Secure air line to other air lines with tie straps.
10. Cut off air line allowing an arc in air line to prevent kinking.
11. Connect air line (Figure 3, Item 1) to purge valve fitting (Figure 3, Item 2).
12. Close and latch hood.
13. Start engine and allow air pressure to build.
14. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Table 2 Labor Information

Operation Number	Description	Time
A40-13113-1	Inspection for Air Line and Installation of Air Line and Fittings	0.3 hr

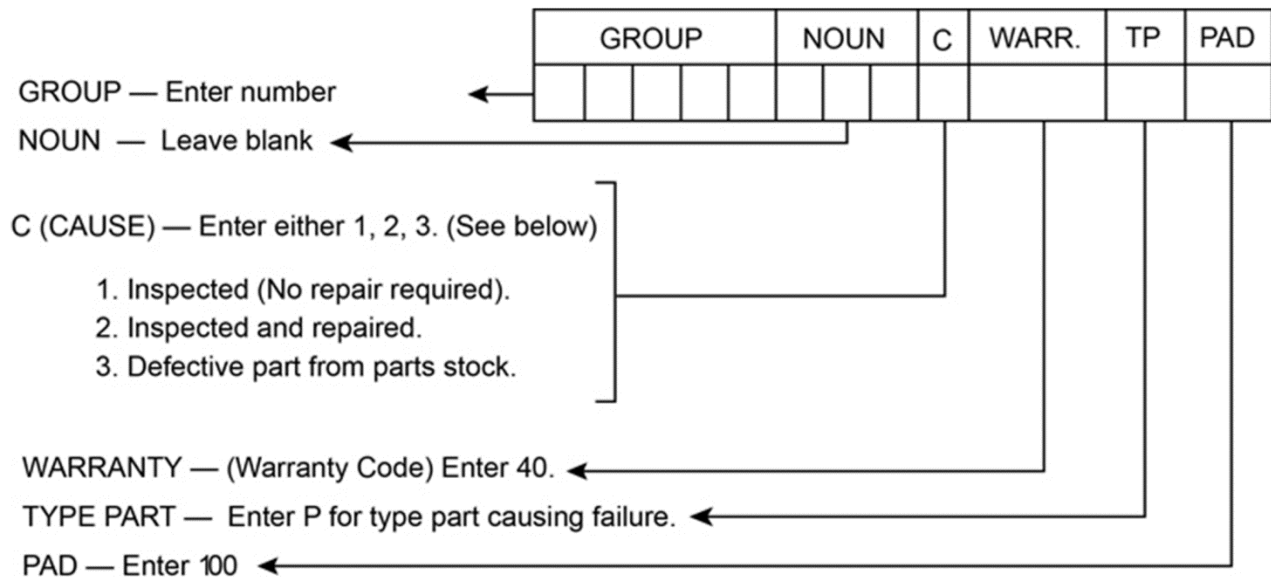
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Mis-build Investigation Notice 13113.

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 13113 activity must be submitted by 31 October 2014 or within the normal warranty period for the vehicle, if after 31 October 2014.



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