



NUMBER: 14-005-21

GROUP: 14 - Fuel System

DATE: July 17, 2021

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.

SUBJECT:

Fuel Line Blockage

OVERVIEW:

This bulletin involves replacing the engine fuel/EVAP forward line bundle.

MODELS:

2021

(DT)

RAM 1500 Pickup

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

NOTE: This bulletin applies to vehicles built on or after August 21, 2020 (MDH 0821XX) on or before October 02, 2020 (MDH 1002XX) equipped with a 5.7L V8 Hemi MDS VVT Engine (Sales Codes EZH and EZL).

SYMPTOM/CONDITION:

Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Code (DTC) has been set:

- P0174 - Fuel System 2/1 Lean.

In addition, the customer may notice one or more of the following conditions:

- Reduced acceleration.
- Rough starting.

PARTS REQUIRED:

Qty.	Part No.	Description
1	57008587AA	Fuel Line Bundle

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom/condition listed above or if the technician finds the DTC, perform the Repair Procedure.

REPAIR PROCEDURE:

1. Release the fuel system pressure. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 14 - Fuel System / Fuel Delivery, Gas / Standard Procedure.
2. Remove the engine cover. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 09 - Engine, 5.7L / Cover, Engine / Removal.
3. Disconnect the engine side fuel supply line.
4. Remove the three fuel bundle push pin fasteners from the fuel line bundle brackets (Fig. 1) .

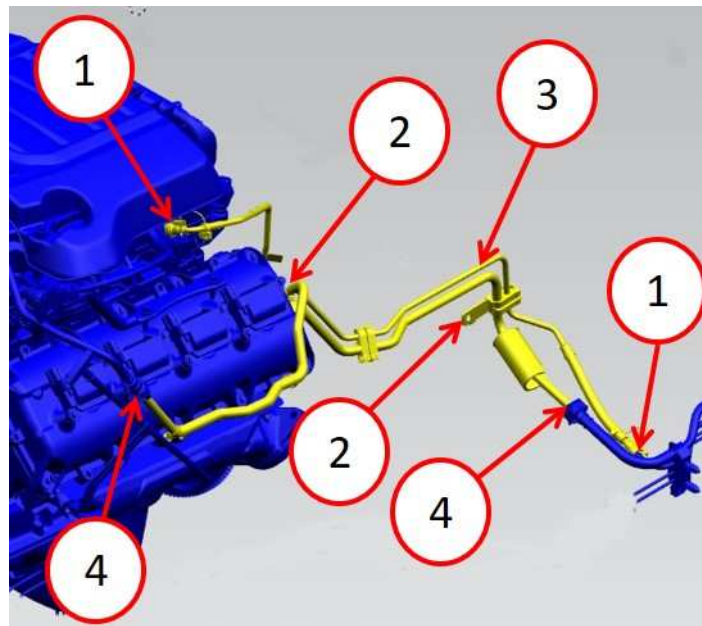


Fig. 1
Fuel Line Bundle Assembly

- 1 - Fuel Line Connections
- 2 - Fuel Line Bundle Mount Brackets
- 3 - Fuel Line Bundle
- 4 - EVAP Line Connections

5. Raise and support the vehicle. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>04 - Vehicle Quick Reference / Hoisting / Standard Procedure.
6. Remove the transfer case skid plate. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>13 - Frame and Bumpers / Under Body Protection / Plate, Skid, Transfer Case / Removal.
7. Remove the transmission crossmember. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>13 - Frame and Bumpers / Frame / Crossmember, Transmission / Removal.
8. Remove the catalytic converters. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>11 - Exhaust System / Converter, Catalytic / Removal.
9. Remove the fuel line bundle bracket nut from the bracket.
10. Disconnect the fuel line bundle connections on the engine and fuel line (Fig. 1) .
11. Disconnect the EVAP line bundle connections on the engine and EVAP line (Fig. 1) .

12. Replace the fuel line bundle (Fig. 1) .
13. Connect the EVAP line bundle connections on the engine and EVAP line (Fig. 1) .
14. Connect the fuel line bundle connections on the engine and fuel line (Fig. 1) .
15. Install the fuel line bundle bracket nut on the bracket.
16. Install the transmission crossmember. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>13 - Frame and Bumpers / Frame / Crossmember, Transmission / Installation.
17. Install the transfer case skid plate. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>13 - Frame and Bumpers / Under Body Protection / Plate, Skid, Transfer Case / Removal and Installation.
18. Install the catalytic converters. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>11 - Exhaust System / Converter, Catalytic / Installation.
19. Lower the vehicle.
20. Install the three fuel bundle push pin fasteners on the fuel line bundle brackets.
21. Connect the engine side fuel supply line.
22. Install the engine cover. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 09 - Engine, 5.7L / Cover, Engine / Installation.
23. Start the engine and check for leaks.
24. Clear all DTCs that may have been set.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
14-70-10-98	Fuel Line Bundle - Replace (2 - Skilled)	1 - Engine Repair and Performance	1.4 Hrs.

FAILURE CODE:

ZZ	Service Action
----	----------------