

	Date	Group	No.	Release	Page
This Field Service Bulletin replaces FSB 873-021 dated 6.2017.	1.2018	873	021	03	1(12)

HVAC Filter Blocked, Repair LR

FSB 873-021, HVAC Filter Blocked, Repair

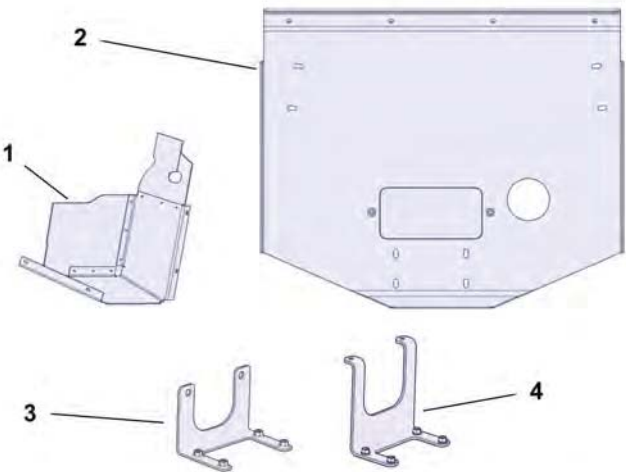
(January 2018)

On some LR models the HVAC air filter may prematurely clog with dirt and water. This is due to its location and increased vulnerability under the cab. To correct this issue install an air intake shield and new skid plate as shown in the procedure below.

Note: This bulletin does not apply to MACK Trucks Australia.

Parts List

The following parts are required to complete this procedure.



W8127446

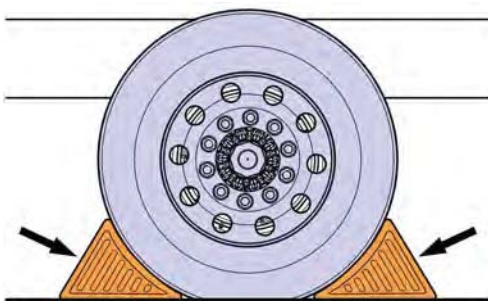
	Part Description	Part Number	Quantity
1.	Air Filter Shield	84739721	1
2.	Skid Plate	23039688	1
3.	Skid Plate Support (CNG)	23054064	1
4.	Skid Plate Support (Diesel)	23039691	
5.	Spring Nuts	993124	4
6.	M6 Screws	994796	4
7.	Flange Bolt	990952	4

Decommissioning the Truck for Repair

You must read and understand the precautions and guidelines in Service Information, group 80, "General Safety Practices, Body, Cab & Interior" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

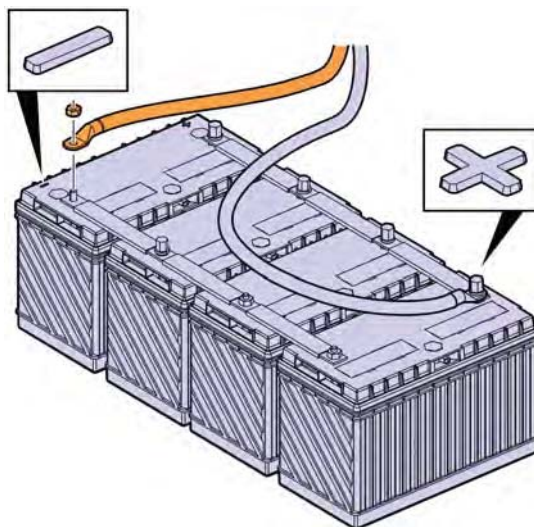
NOTE: Information is subject to change without notice. Illustrations are used for reference only and can differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

- 1 Park the vehicle on a flat and level surface.
- 2 Apply the parking brake.
- 3 Place the transmission in neutral or park.
- 4 Install the wheel chocks on the front wheels.



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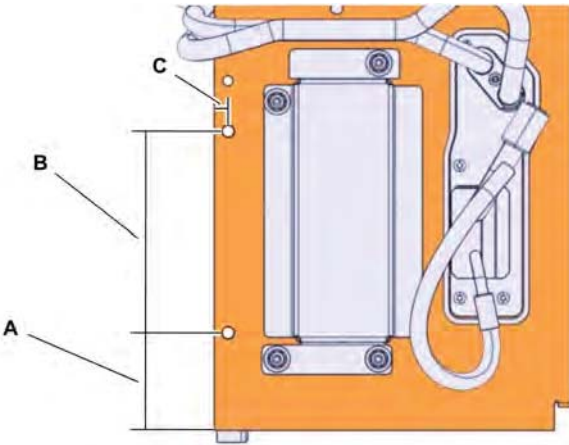
- 5 Disconnect the cable from the battery's negative terminal.



W3086747

Procedure

- 1 Mark and drill the 2 holes.

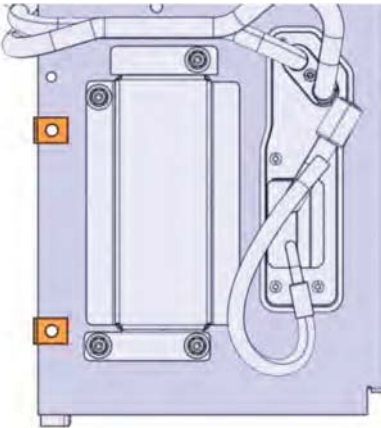


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Dimension	Measurement
A	87 mm
B	177 mm
C	10 mm
Hole Diameter	8 mm

- 2 Install the clips.

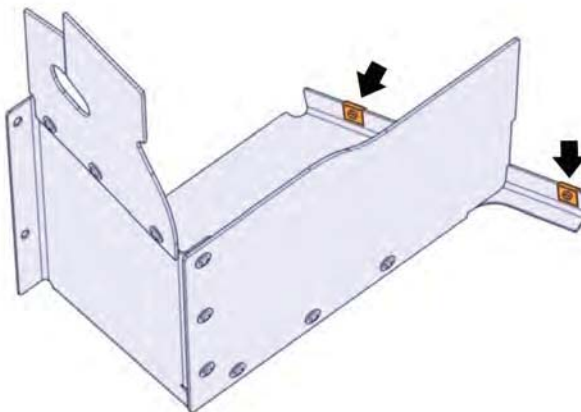
Note: Pay special attention to the clip orientation.



W8122886

- 3 Install the clips.

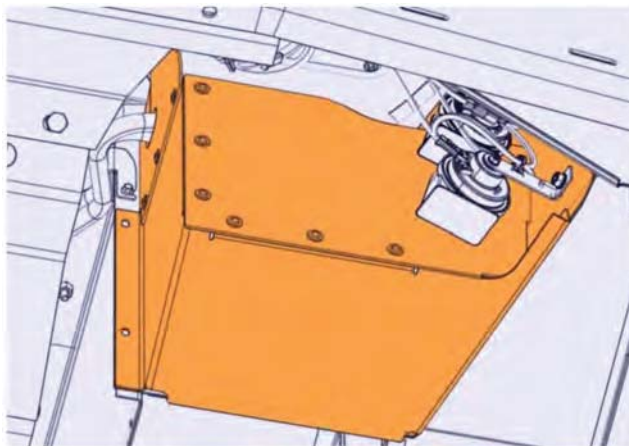
Note: Pay special attention to the clip orientation.



W8122864

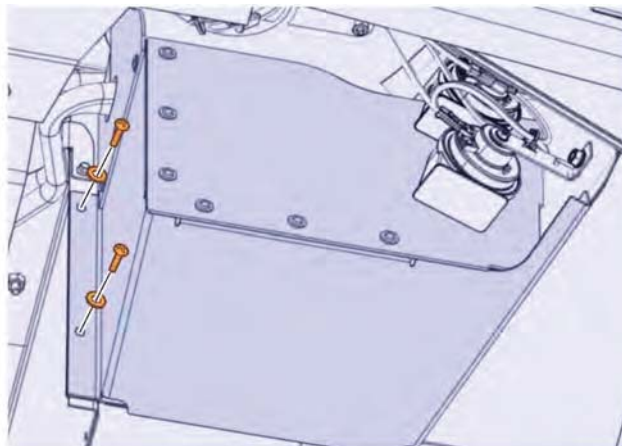
- 4 Install the air filter shield.

Note: It may be necessary to bend the horn bracket to allow for clearance.



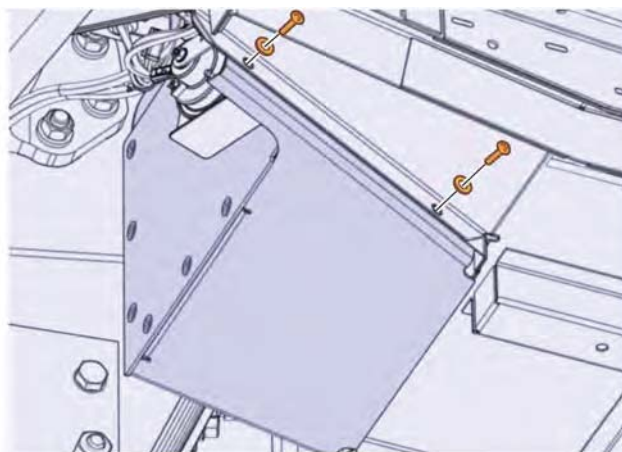
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- 5 Install the screws. Torque the screws to 10 +/- 1.5 Nm.



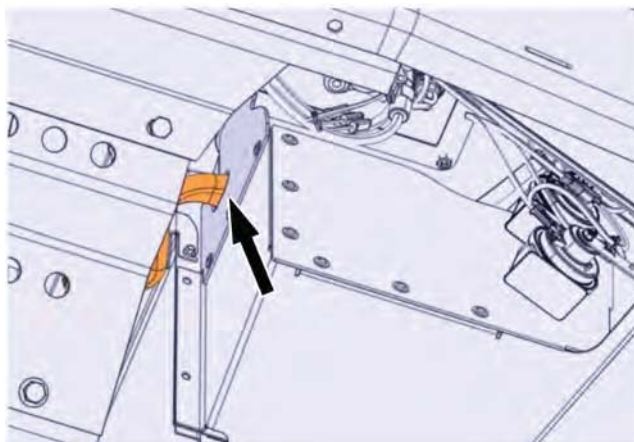
W8122869

- 6 Install the screws. Torque the screws to 10 +/- 1.5 Nm.



W8122870

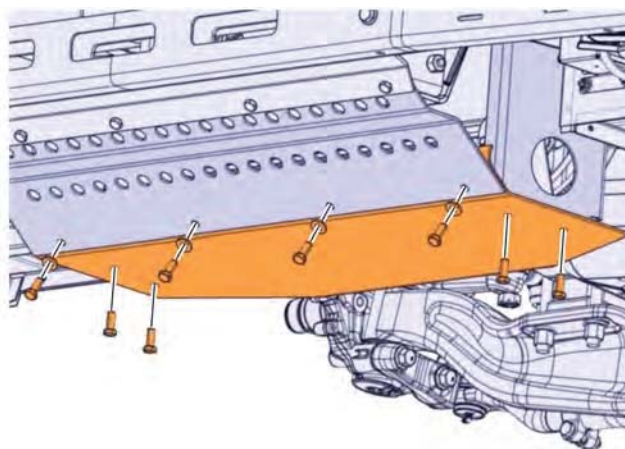
- 7 Check that the pipes are routed correctly.



W8122871

- 8 With assistance remove the fasteners and the skid plate. Save the fasteners for reuse. Discard the skid plate.

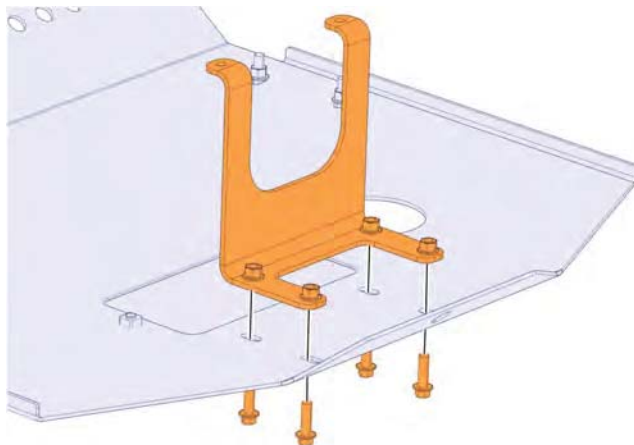
Note: Heavy part.



W8122902

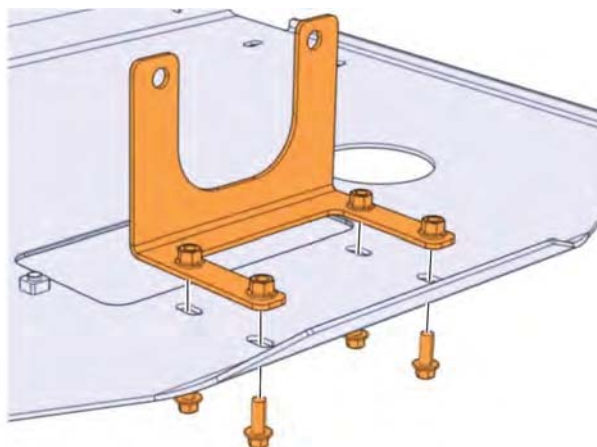
9 Assemble the new skid plate and bracket. Install the bolts.

Diesel



W8127444

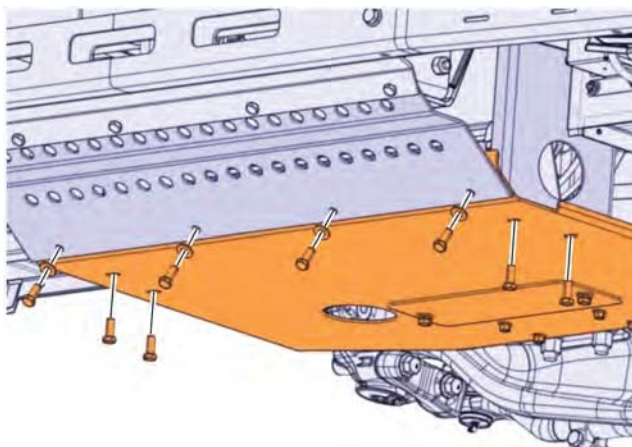
CNG



W8124669

10 With assistance install the new skid plate and fasteners.

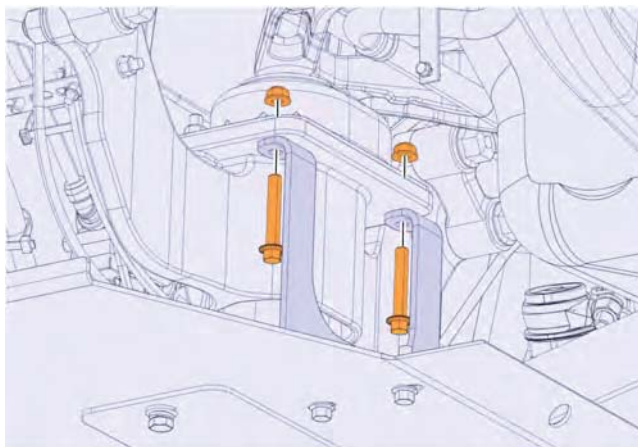
Note: Heavy part.



W8122903

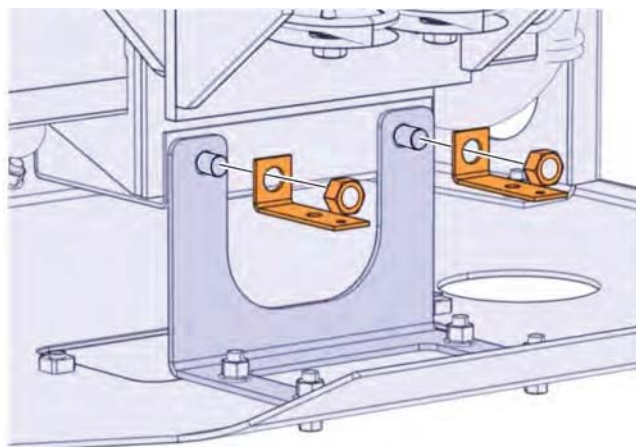
11 Install the fasteners.

Diesel



W8127445

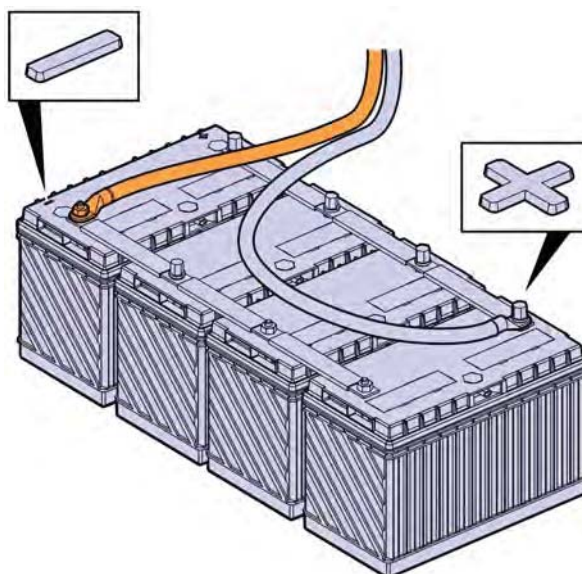
CNG



W8122904

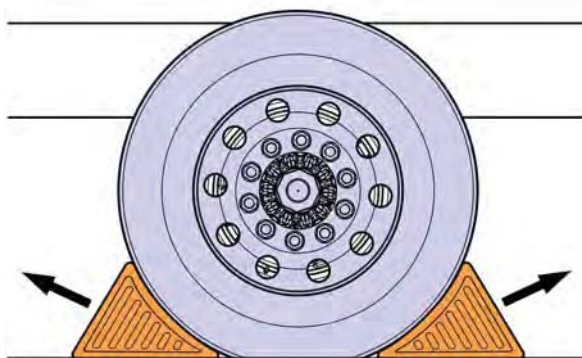
Commissioning the Truck for Operation

- 1 Connect the battery cable to the negative (ground) terminal.



W3086758

- 2 Remove the wheel chocks.



W7086759

Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Bus. Sys.)	01
Labor Code HVAC Filter Blocked, Repair	8731-16-09-01 3.0 hrs
Causal Part	82799626

MACK Trucks North America reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.