



Solution K73241583

Thursday, February 6, 2020 9:57:44 PM CET

**** SOLUTION ****

Title	Mack Chassis - Anthem (AN) Models - Headlight Diagnostics And Replacement; Instructions For Non-Functioning Headlight Or Turn Signal In Headlight Housing
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Mack Models

Mack Model	AN - Anthem
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**** SOLUTION ****

Cause	Diagnostics and replacement instructions for Mack Anthem headlights and headlamp housing turn signals.
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Solution

13 January 2020 UPDATE

Headlight Housings have been made available in spare parts. See chart below.

For vehicles affected by this issue:

Check if the connectors shown below are aligned correctly and securely pushed into the bracket. Wiring fatigue may result in a headlight, marker light, or fog light not working due to an open or short circuit.





If the connectors are out of place:

1. Clip the harness securely to the hood bracket and the chassis bracket to pull harness away from the charge air cooler (CAC).
2. Use cable ties to secure the harness in the positions shown below.



If the wiring harness is found to be damaged: Repair the harness using pigtail(s) part number [23662347](#) (chassis side) and/or part number [23662349](#) (hood side).

If no issues are found with the harness, proceed to the instructions below.

Amber/Turn Signal Not Working

If the amber/turn signal is not working the complete headlight assembly will need to be replaced. The failure has been found to be the headlight housing itself. Due to the housing/lens geometry, the turn signal can not be sold as a replacement part (unable to install after lens is

glued to housing).

NOTE: The headlight module should NOT be replaced if the turn signal is not working.

Refer to [Impact](#) for the current headlight assembly part number.



Headlamp Housing - Spare Parts	
P/N	Description
23769615	HEADLAMP HOUSING, BASELINE, LH
23769616	HEADLAMP HOUSING, BASELINE, RH
23769611	HEADLAMP HOUSING, PREMIUM, LH
23769613	HEADLAMP HOUSING, PREMIUM, RH

NOTE: Refer to Impact to verify the latest part number.

Headlight Not Working

If the headlight is not working, only the headlight module will need to be replaced. The headlight module is the only serviceable part for the Mack Anthem headlamp.

Part Number for the Headlight Module:

- Right and Left- [84735466](#)



For removal and installation instructions refer to [3521-03-02-01 Headlamp Assembly, Replacement](#) located in [Impact](#).

Solution visibility	Dealer distribution
Function(s)/component(s) affected	
Function affected	exterior lighting , wiring harness
Function Group	
Function Group	3521 Headlight, Complete , 374 cable system, central
Customer effect	
Main customer effect	power supply , visual appearance
Administration	
Author	UT0783V
Dealer ID	UT0783V
Last modified by	A241298

Creation date	27-08-2019 15:08
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Number of scores	1

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