



**** SOLUTION ****

Title Mack Chassis - Drive Axle Brake Chamber Rubbing Frame Or Brake Drum - **Vehicles Built Between 7 July 2014 And 23 August 2019**

Mack Models

Mack Model LEU , LR , MRU - TerraPro , TE - TerraPro , AN - Anthem , CHU - Pinnacle, Axle back , CXU - Pinnacle, Axle front , GR - Granite , GU - Granite , PI - Pinnacle , TD - Titan

**** SOLUTION ****

Cause Drive axle brake chambers on Mack chassis manufactured between weeks W1428 and W1934 (July 7, 2014 and August 23, 2019) may make contact with the frame rail. It has been found that the adapter plates and bump stops installed on these vehicles are likely to be the incorrect parts.

Solution **Brake chambers affected by this condition will appear as shown in the photos below:**





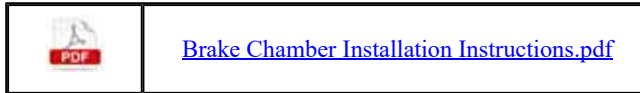
For vehicles affected with this issue:

Please refer to the parts list below for the correct part numbers to be installed:

Location	PN	Description	Characteristic	Q t y
1st Drive	219 012	Adapter, Radial,	287 Degree	1

Left	06	434		
1st Drive Right	219 011 82	Adapter, Radial, 434	73 Degree	1
2nd Drive Left	218 545 73	Adapter, Radial, 434	88 Degree	1
2nd Drive Right	218 546 03	Adapter, Radial, 434	272 Degree	1
Caliper to Adapter Plate	220 072 468	Hex. Socket Screw, CHC	20*1.5*60 10- 9 MAGNI 565	1 6
Adapter to axle flange	223 290 79	Hexagon Screw, Bolt 5/8-18 x 2.5	5/8" UNF*64 8 GEOM LCK	5 2
Adapter to axle flange	250 854 24	Nut Retainer, Hex	5/8" UNF*24 STEEL AMT	5 2
Adapter to axle flange	225 210 39	Shim, Washer 17* 25.4*3	BLCK 1000-4	1 0 4
	251 749 31	Retainer		2
	251 560 60	Retainer, ABS Bushing	BLCK 1000-4	2
	222 208 94	Bump Stop, Axle		4
	984 859	Flange Screw, M14*70	14*2.00*70 10- 9 Y1000 SIL	1 6
	994 522	Flange Lock Nut, M14*22.9	14*2.00*23 10 AMT	1 6
	851 486 69	Seal - Drive Hub		4
	319 906 6	Seal - Axle Shaft		4

For Installation Instructions, refer to the document below:



Solution visibility **Dealer distribution**

Function(s)/component(s) affected

Function affected parking brake , service brake

Function Group

Function Group 512 rear wheel brake

Customer effect

Main customer effect noise , visual appearance

Noise rattling noise , rubbing noise

Conditions

Vehicle operating mode when braking

Administration

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