



Technical Bulletin



Manufacturer: Ford (TSB 08-11-1)

Service Plus Group: 04 -09-1008

Subject: Intermittent Vehicle Vibration - Parking Brake Disengagement Concerns

Model: 2004-2008 Ford F-150
2006-2008 Mark LT

ISSUE

Some 2004-2008 F-150 (excludes Heritage) and 2006-2008 Mark LT vehicles may exhibit an intermittent vibration or shudder from the rear of the vehicle typically at speeds 45 MPH (72 Km/h) and higher. This may be caused by the parking brake remaining partially engaged.

ACTION

Inspect the parking brake assembly for evidence of remaining partially engaged and repair using the following service procedure.

Service Procedure

1. Raise the vehicle and remove the right hand (RH) and left hand (LH) rear brake rotors. (Refer to Service Manual)
2. Inspect the parking brake shoes and parking brake drum for signs of engagement while driving (excessive discoloring and wear). If the parking brake system does not indicate signs of trouble this is not the cause of the vibration. Do not continue with this technical bulletin.

2004-2005 Model Year Vehicles

1. Replace both the RH and LH parking brake actuator levers and replace the parking brake cable assembly on the affected side of the vehicle only. Refer to Service Manual - Refer to Part List on Page 2 to determine the correct cable assembly.
2. Correctly position the parking brake cable equalizer to ensure the LH and RH parking brake cables do not twist or bind during operation. (Figure 1 - LH side)

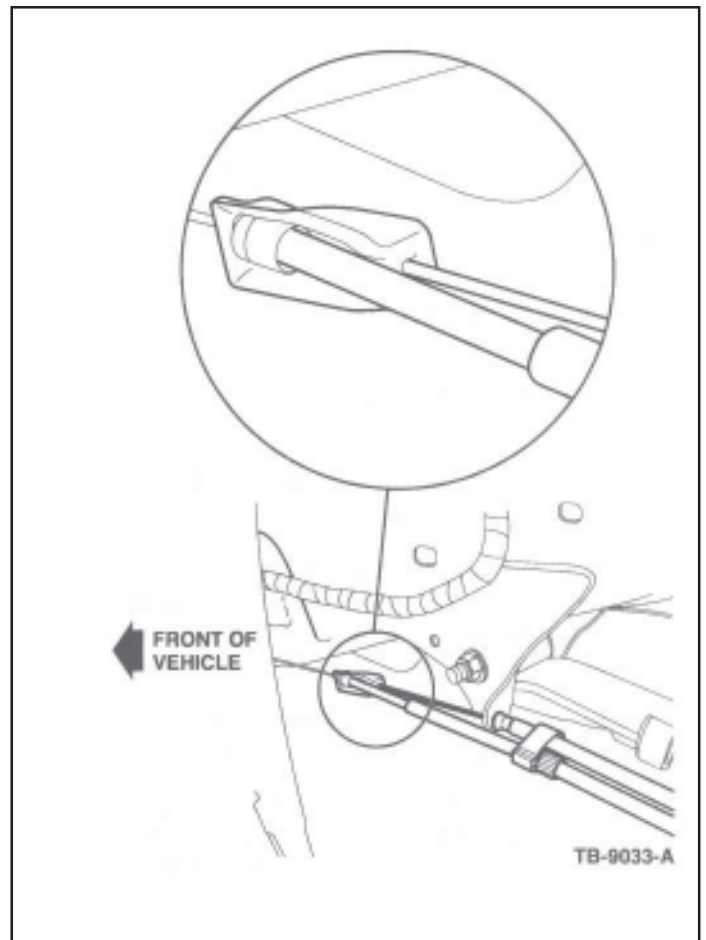


Figure 1 - (Left Hand Side) Parking Brake Cable

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3. Inspect the double cable clamp for debris and/or damage. Replace as required.
4. Use a shop towel to clean the sheathing on both parking brake cables where the double cable clamp will be positioned. (Figure 2 - LH side)

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5. Spray an even coat of silicone spray, Motorcraft® Silicone Spray Lubricant or equivalent, on the sheathing on both parking brake cables where the double cable clamp will be positioned.

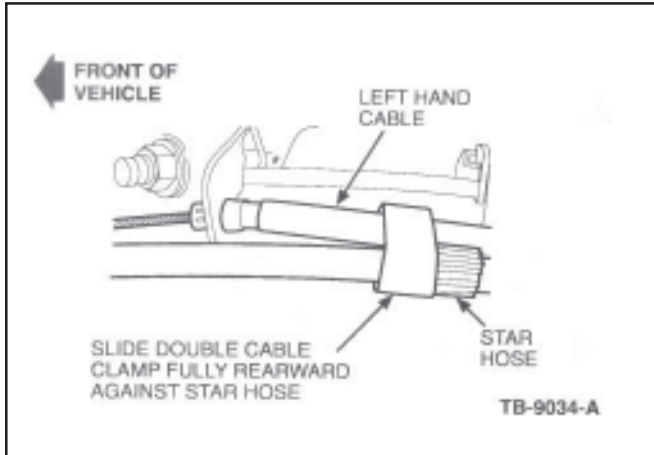


Figure 2 - Left Hand Cable

5. Spray an even coat of Motorcraft® Silicone Spray Lubricant or equivalent, on the sheathing of both parking brake cables where the double cable clamp will be positioned.

| Part Number | Part Name |
|---------------|---|
| 8L3Z-2A635-GA | Park Brake Cable RH (126" Wheelbase) |
| 8L3Z-2A635-HA | Park Brake Cable RH (133" Wheelbase) |
| 8L3Z-2A635-JA | Park Brake Cable RH (139" Wheelbase) |
| 8L3Z-2A635-KA | Park Brake Cable RH (145" Wheelbase) |
| 8L3Z-2A635-LA | Park Brake Cable RH (150" Wheelbase) |
| 8L3Z-2A635-MA | Park Brake Cable RH (163" Wheelbase) |
| 8L3Z-2A635-AA | Park Brake Cable LH (06-08 [Ⓜ] 150/06-08 Mark LT Bult After 8/26/2005) |
| W710010-S300 | Clip-Park Brake Cable |
| 5L3Z-2A635-L | Park Brake Cable LH (04-05 LH/2006 Mark LT Built Before 8/26/05) |
| 6L3Z-2A637-AR | Actuator - RH |
| 6L3Z-2A637-AL | Actuator - LH |
| XL-6 | Motorcraft Silicone Spray Lubricant |

NOTE Correct Parking Brake Shoe Adjustment Dimension is 0.027"(0.71mm)

2006-2008 Model Year Vehicles

1. Replace the parking brake cable assembly on the affected side of the vehicle only.
2. Correctly position the parking brake cable equalizer to ensure the LH and RH parking brake cables do not twist or bind during operation.
3. Inspect the double cable clamp for debris and/or damage. Replace as required.