



TECHNICAL SERVICE BULLETIN

Parking Brake Sticking And/Or Parking Brake Fault Message With DTCs

22-236219 September
2022**Model:****Ford**
2020-2022 Mustang Shelby GT500

Issue: Some 2020-2022 Mustang Shelby GT500 vehicles may exhibit an intermittent parking brake fault message in the instrument panel cluster (IPC) with diagnostic trouble codes (DTCs) C1034, C2005, C2006, C2007 and/or C2008 stored in the anti-lock brake system (ABS) module and/or a parking brake that sticks after being applied. This may be due to internal binding of the piston within the parking brake caliper. To correct the condition, follow the Service Procedure to replace the parking brake caliper(s).

Action: Follow the Service Procedure to correct the condition on vehicles that meet all of the following criteria:

- 2020-2022 Mustang Shelby GT500
- At least one of the following:
 - Parking Brake Fault and/or Service Brake System message in the IPC
 - ABS module DTCs C1034, C2005, C2006, C2007 and/or C2008
 - Parking brake sticking/staying applied after being commanded off
 - Extreme, uneven and/or premature parking brake lining wear

Parts**Parts To Inspect And Replace Only If Necessary**

Service Part Number	Quantity	Description
KR3Z-2D366-A	If Needed	Electric Parking Brake Caliper, Right
KR3Z-2D367-A	If Needed	Electric Parking Brake Caliper, Left
KR3Z-2C026-A	If Needed	Rear Brake Rotor
PM-4-A	If Needed	Motorcraft® Metal Brake Parts Cleaner (Compliant With Low Volatile Organic Compound Requirements As Required In Some USA States)
PM-4-B	If Needed	Motorcraft® Metal Brake Parts Cleaner (Not Compliant With Volatile Organic Compound Requirements)

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2020-2022 Mustang Shelby GT500: Retrieve DTCs, Inspect And Replace One (1) Parking Brake Caliper (Do Not Use With Any Other Labor Operations)	222362A	0.5 Hrs.
2020-2022 Mustang Shelby GT500: Retrieve DTCs, Inspect And Replace Both (2) Parking Brake Calipers (Do Not Use With Any Other Labor Operations)	222362B	0.7 Hrs.

Repair/Claim Coding

Causal Part:	2D366
Condition Code:	41

Service Procedure

1. Remove both rear wheels. Refer to Workshop Manual (WSM), Section 204-04A.
2. Inspect the stamped date on both the left and right parking brake calipers as indicated in Figure 1. Does the printed date range on either caliper fall between 21G27 (21= Model Year 2021, G=month of July, 27 = 27th day of month) and through 21L03 (21=Year 2021, L=month of December, 3 = 3rd day of month)? (Figure 1).

Figure 1



- (1). Yes - proceed to Step 3.
- (2). No - this article does not apply. Refer to WSM, Section 206-05B and continue with normal diagnostics.
3. Replace the parking brake caliper(s) that have a date range which fall between the stamped date range mentioned in Step 2. Refer to WSM, Section 206-05B.
4. If the original fault persists, Refer to WSM, Section 206-05B and continue with normal diagnostics.

that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.