



Ford Motor Company of Canada, Limited

The Canadian Road
Oakville, Ontario

July 11, 1969

TO: ALL FORD OF CANADA DEALERS

SUBJECT: CAMPAIGN #668
CERTAIN 1969 MODEL MUSTANG AND COUGAR WITH DISC BRAKES
INSPECTION OF FRONT SPINDLE AND/OR HUB AND ROTOR ASSEMBLIES

We have found that a very limited number of heavy duty disc brake rotors, and hubs, were incorrectly installed on the smaller regular production spindles on some 1969 model Mustang and Cougar, built at the Dearborn Assembly Plant in March, April and May 1969. While there is no dimensional difference in the brake surface of the rotor, the heavy duty hub incorporates a wheel bearing designed to fit a larger diameter spindle. Even though the adjustment of the wheel bearings to the hub may appear to be proper, the loose fit of the bearing to the spindle could cause vibration, noise, low brake pedal height and could eventually result in fracture of the spindle and loss of the wheel.

To eliminate any possible failures, you are requested to follow the enclosed procedures:

- 1) To inspect both front brake rotors and hub assemblies on the 1969 model Mustangs and Cougars identified on the enclosed listing, as having been produced during the period in question.
- 2) To replace parts incorrectly installed on the units as required.

The vehicles listed without owner's name and address, are presumed to be in your inventory, and should be inspected immediately, to avoid being delivered to a customer prior to correction. It is your responsibility to immediately contact the owner of any "listed as stock vehicle" which has already been delivered.

Parts:

The total number of vehicles, which could have incorrect rotors and/or spindles, is less than 1 per cent of the vehicles to be inspected. Therefore, due to the small probability that there may be a vehicle on your listing which will require replacement parts, you are requested not to order parts from your Parts Depot direct, for the Campaign. Instead, if you do not have the required parts in stock, you should contact your Regional Service Department when it is found that you have a vehicle which has been inspected and, as a result, requires

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replacement parts. The Regional Service Department will require you to supply them with a Vehicle Serial Number and the Part Numbers that you require to complete the Campaign, according to the Repair Procedure attached. They will then expedite the parts to you from the Parts Depot. The Part Numbers should also be listed on the 1864 Form, in the area designated for parts, adding the usual 25 per cent allowance to the dealer net price that you will be billed by the Parts Depot. A complete list of the Dealer Net Prices of all the parts required is attached to the Repair Procedure, for your information.

Labour:

Labour allowance 'A' on the 1864 Form indicates 0.3 hrs. This is the allowance for inspecting both front spindles, hubs and rotors.

In addition to this inspection, use of any of the following labour operations, as required, is to effect repairs found necessary by inspection.

<u>Operation</u>	<u>Description</u>	<u>Allowance (Hrs.)</u>
B1	Replace hub and rotor assembly and wheel bearings on one side.	0.7
B2	Replace spindle, hub and rotor assembly and wheel bearings on one side. (Includes re-aligning caster, camber and toe-in.)	2.4
C1	Replace hub and rotor assembly and wheel bearings on both sides.	1.0
C2	Replace spindle, hub and rotor assembly and wheel bearings on both sides. (Includes re-aligning caster, camber and toe-in.)	3.0

Customer Notification:

Owners of affected vehicles are being notified in all instances where we have sales information. The enclosed 1864 Forms have been prepared for all vehicles reported to be in your stock and requiring this Campaign. If any of these vehicles have since been delivered, contact the customer immediately and arrange an appointment to have his vehicle inspected. If the owner cannot be contacted or does not make an appointment, type the owner's name and address on the applicable 1864 Form and mail it along with the owner letter to him. Sufficient quantities of owner letters and window envelopes are provided for this purpose.

If any listed vehicle has been traded or transferred to another dealer, the receiving dealer must be notified immediately of the campaign requirement and the applicable 1864 Form must be forwarded to him.

Reporting:

When you have completed the inspection as described in the Repair Procedure, please return the top copy of the signed and completed 1864 Form to the Claims

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Processing Unit at Oakville for payment and completion recording. Any problem encountered in this campaign should be discussed with your Regional Service Manager or his representative.

Your continued cooperation in these matters will be appreciated.

Yours very truly,

FORD MOTOR COMPANY OF CANADA, Limited

A handwritten signature in cursive script, appearing to read "S. Swallow". The signature is written in dark ink and is positioned above the typed name.

National Service Manager

SESwallow:jg
Attachment
Enclosure

BOSS
302 - *cut*
ONLY

REPAIR PROCEDURE I

1969 DISC BRAKE ROTOR CAMPAIGN # 668

INSPECTION/REPAIR PROCEDURE FOR BOSS-302 MUSTANG ONLY

1. Raise vehicle and inspect both front spindles for the presence of a 2" BLUE stripe colour code on the spindle arm. (See attached sketch)
2. If both spindles have the blue stripe, no further action is required. If one or both spindles cannot be identified as having a blue stripe, proceed with the steps listed below.
3. Should either spindle not have the blue stripe, replace the spindle, hub and rotor and wheel bearings using the following parts:

<u>Part Number</u>	<u>Part Name</u>
C9ZZ-3106-A (L.H.)	Spindle
<u>OR</u> C9ZZ-3105-A (R.H.)	Spindle
DOZZ-2B116-A	Dust Shield
C9ZZ-1102-A	Hub and Rotor Assembly
B7C-1201-A	Wheel Bearing - Inner
C3SZ-1216-A	Wheel Bearing - Outer
C6AZ-1190-A	Grease Retainer
LF-1131-A	Grease Cap

Note: All adjustments and lubrication requirements as set forth in the Shop Manual are to be observed during the installation of the foregoing components.

REPAIR PROCEDURE II

1969 DISC BRAKE ROTOR CAMPAIGN # 668

*MUSTANG
DISC BRAKE*

INSPECTION/REPAIR PROCEDURE FOR ALL ELIGIBLE MUSTANG AND COUGAR UNITS

EXCEPT FOR BOSS - 302 MUSTANGS

1. Raise vehicle and inspect both front spindles for the presence of a 2" BLUE stripe colour code on the spindle arm. (See attached sketch)
2. If either spindle has a blue stripe, replace the spindle, hub and rotor and wheel bearings, using the following parts.

<u>Part Number</u>	<u>Part Name</u>
C80Z-3106-A (L.H.)	Spindle
<u>OR</u> C80Z-3105-A (R.H.)	Spindle
C80Z-2B116-A	Dust Shield
C80Z-1102-A	Hub and Rotor Assembly
B5A-1201-A	Wheel Bearing - Inner
B5A-1216-A	Wheel Bearing - Outer
C8AZ-1190-A	Grease Retainer
C8AZ-1131-A	Grease Cap

3. If no blue stripe is visible on either spindle, check the hub and rotor assembly for proper application, by removing the wheel cover and hub grease cap, and checking for looseness of the hub and rotor assembly. This can be accomplished by alternately lifting and pushing downward on the wheel and tire assembly.
4. If any vertical movement of the hub and rotor on the spindle is detected, verify that the wheel bearing adjustment is within specification.
5. If vertical movement of the hub and rotor on the spindle is still evident, replace the hub and rotor assembly using the following parts:

<u>Part Number</u>	<u>Part Name</u>
C80Z-1102-A	Hub and Rotor Assembly
B5A-1201-A	Wheel Bearing - Inner
B5A-1216-A	Wheel Bearing - Outer
C8AZ-1190-A	Grease Retainer
C8AZ-1131-A	Grease Cap

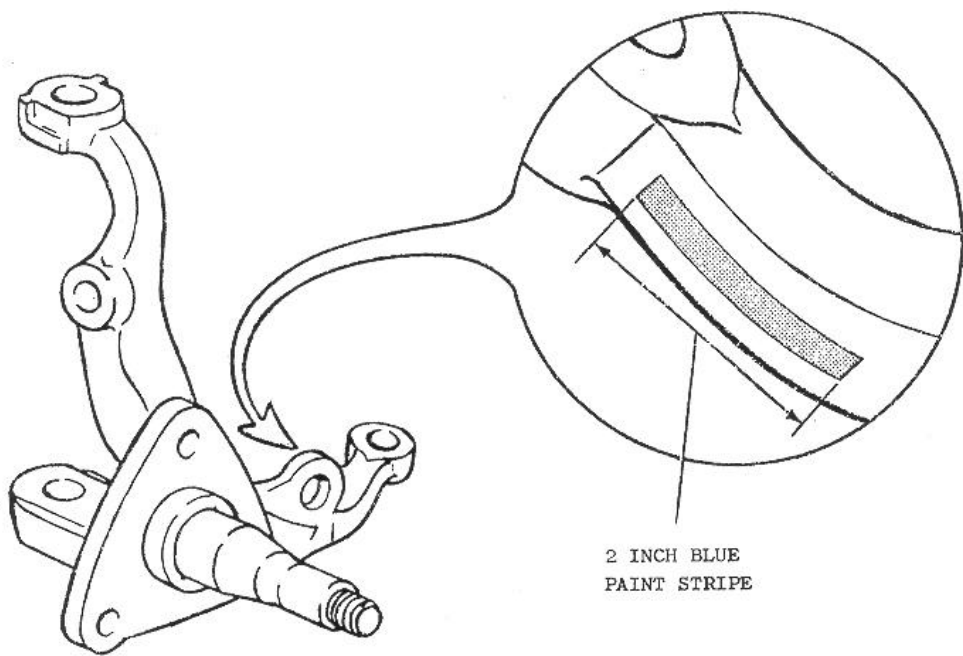
Note: All adjustments and lubrication requirements as set forth in the Shop Manual are to be observed during the installation of any of the foregoing components in Step 2 or Step 5.

PARTS PRICE LIST

1969 DISC BRAKE ROTOR CAMPAIGN # 668

<u>Part Number</u>	<u>Part Name</u>	<u>Dealer Net Price</u>
C9ZZ-3105-A	Spindle (R.H.)	\$ 27.12
C9ZZ-3106-A	Spindle (L.H.)	27.12
C80Z-3105-A	Spindle (R.H.)	28.08
C80Z-3106-A	Spindle (L.H.)	28.08
C9ZZ-1102-A	Hub and Rotor Assembly	19.53
C80Z-1102-A	Hub and Rotor Assembly	17.05
DOZZ-2B116-A	Dust Shield	0.63
C80Z-2B116-A	Dust Shield	0.62
B7C-1201-A	Wheel Bearing - Inner	2.94
B5A-1201-A	Wheel Bearing - Inner	1.41
C3SZ-1216-A	Wheel Bearing - Outer	1.46
B5A-1216-A	Wheel Bearing - Outer	1.04
C8AZ-1190-A	Grease Retainer	1.07
C6AZ-1190-A	Grease Retainer	1.13
LF-1131-A	Grease Cap	0.40
C8AZ-1131-A	Grease Cap	0.37

The above prices are listed for your information, please refer to the Master Price List for the most current information.



SPINDLE IDENTIFICATION

CAMPAIGN # 668