

Ford Motor Company

L. W. Camp, Director
Automotive Safety Office
Environmental and Safety Engineering

December 4, 2000

Kenneth N. Weinstein
Associate Administrator for Safety Assurance
National Highway Traffic Safety Administration
400 Seventh Street, SW
Washington, DC 20590

Dear Mr. Weinstein:

Subject: Safety Recall 00V-349 NSA-11paw
(Ford Number 00S37)

Enclosed are dealer and owner letters issued by Ford Customer Service Division regarding a recall of certain 1994 through 2001 Mustang vehicles. Specific details were forwarded to you in our letter dated October 28, 2000.

Sincerely,



00S37dir.doc/ty
Enclosures

RECEIVED
NOV 28 2000 - 8 PM 1:10
OFFICE
DEFECTS INVESTIGATION



Ford Motor Company

October 2000

TO: All Ford and Lincoln Mercury Dealers

SUBJECT: DEMONSTRATION / DELIVERY HOLD – Advance Announcement of Safety Recall 00S37: Certain 1994 - 2001 Model Year Mustang Vehicles Equipped With Manual Transmission – Park Brake Control Assembly Modification

AFFECTED VEHICLES

Certain 1994 through 2001 model year Mustang vehicles equipped with a manual transmission and built at the Dearborn Assembly Plant from October 4, 1993 through October 16, 2000.

SAFETY CONCERN

Affected vehicles have the potential for a mis-alignment condition within the park brake control assembly. Mis-alignment of the pawl to the sector gear teeth of the park brake self-adjust mechanism can allow for less than 100% sector tooth engagement (identified as "perching") when the parking brake is applied.

If this condition occurs, there is a potential for the pawl to fall into the next sector tooth or skip to a different sector tooth. If one or more sector teeth are skipped, a reduction in the park brake cable load will result, which may lead to unintended vehicle movement.

REASON FOR THIS DELIVERY HOLD ANNOUNCEMENT

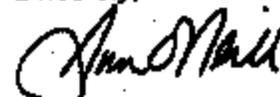
This communication is forwarded to advise dealers that parts procurement is continuing on an expedited basis to support Safety Recall 00S37. Service instructions are currently being finalized and will be released with a complete dealer bulletin on Monday, November 13, 2000.

Do not drive, demonstrate, deliver or perform pre-delivery inspection on any vehicles affected by this recall until this repair has been performed.

Federal law requires dealers to complete any outstanding safety recall service before a new vehicle is delivered to a buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$ 1,100 per vehicle.

Affected vehicles are to be released from this hold only when the appropriate service repair has been completed.

Sincerely,



Ann O'Neill
Director
Vehicle Service and Programs



November 2000

TO: All Ford and Lincoln Mercury Dealers

SUBJECT: **DEMONSTRATION / DELIVERY HOLD - Safety Recall 00S37: Certain 1994 - 2001 Model Year Mustang Vehicles Equipped With Manual Transmission - Park Brake Control Assembly Modification**

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If this condition occurs, there is a potential for the pawl to fall into that sector tooth or skip to a different sector tooth. If one or more sector teeth are skipped, a reduction in the park brake cable load will result, which may lead to unintended vehicle movement.

SERVICE ACTION

Dealers will modify the park brake control assembly in accordance with the technical instructions included in this bulletin.

PLEASE NOTE

Do not drive, demonstrate, deliver or perform pre-delivery inspection on any vehicles affected by this recall until this repair has been performed.

Correct all vehicles in stock before delivery. Federal law requires dealers to complete any outstanding safety recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$1,100 per vehicle.

DEMONSTRATION / DELIVERY HOLD CLARIFICATION

Any unsold / undelivered Mustang vehicles equipped with a manual transmission, as listed under the **AFFECTED VEHICLES** section, currently in dealer inventory are those vehicles for which the demonstration / delivery hold is applicable. The demonstration / delivery hold is not applicable on affected vehicles in the customer's possession.

PARTS AVAILABILITY INFORMATION

2001 Model Year Vehicles

- Dealers may order service repair kits and perform Safety Recall 00S37 service on affected vehicles. Owners of affected units will be notified by Ford Motor Company via first class mail.

1994 – 2000 Model Year Vehicles in Customers' Possession

- Dealers may advise affected vehicle owners that a service parts kit is expected to be available by mid-December, 2000. Owners of affected units will be notified by Ford Motor Company via first class mail.
- Dealers may advise owners of affected vehicles to follow the instructions found in their owner guide for the proper method to park their vehicles securely. The owner guide instructs customers to always apply the brake pedal and pull the parking brake handle up as far as possible and place the gearshift of the manual transmission securely in 1st (first) gear after setting the parking brake.
- Dealers should refer the vehicle owner to the appropriate section of the vehicle's Owner Guide for proper parking brake application. An example of the Mustang Owner Guide Parking Brake Section is attached. Dealers may consider providing copies to customers as a convenient reference.

ATTACHMENTS

- Attachment I: Administrative Information
Attachment II: Labor Allowances and Parts Ordering Information
Attachment III: Technical Information
Attachment IV: Example Mustang Owner Guide – Parking Brake
Customer Notification Letter

QUESTIONS?

- Claims Information:.....1-800-423-8851
Other (Dealer Only) Recall Questions:.....1-800-325-5821

Sincerely,



Ann O'Neil
Director
Vehicle Service and Programs

Safety Recall 00S37
Certain 1994 - 2001 Model Year Mustang Vehicles Equipped with Manual Transmission –
Park Brake Control Assembly Modification

OASIS

You must use OASIS to determine if a vehicle is eligible for this recall.

PROMPTLY CORRECT

Promptly correct all affected vehicles on your dealer VIN list which you will receive in the Ford Dealer Consolidated Communicator (FDCC). Also, correct other eligible vehicles which are brought to your dealership.

DEALER-OWNER CONTACT

Immediately contact any affected owner whose name is not on the list. Give the owner a copy of the Owner Letter and schedule a service date.

REGIONAL CONTACT

Advise regional office if an owner:

- cannot be contacted.
- does not make a service date.

CLAIMS PREPARATION AND SUBMISSION

- Enter claims using DWE.
- Refer to ACESII manual for claims preparation and submission information.

OWNER REFUNDS

Ford Motor Company will only refund owner-paid park brake control assembly modifications directly related to this condition which were made before the date of the Owner Letter (or after the date of the Owner Letter if an emergency repair was made away from the servicing dealer). Refer to ACESII manual for refund information.

RENTAL CARS

Effective November 6, 2000, Ford Motor Company will pay for a rental vehicle under Safety Recall 00S37, with the following stipulations:

- for 2001 model year vehicles only
- for a maximum of two (2) days
- except for fuel which will be at owner's expense

Enter the word "RENTAL" plus the number of days the vehicle was used in the Miscellaneous Expense area. Follow ESP cost guidelines.

Safety Recall 00S37

Certain 1994 - 2001 Model Year Mustang Vehicles Equipped with Manual Transmission -
Park Brake Control Assembly Modification

LABOR ALLOWANCES

<u>Description</u>	<u>Labor Operation</u>	<u>Labor Time</u>
Remove, Modify and Re-Install Park Brake Control Assembly	00S37B	0.7 Hours
Administrative Allowance	Misc. Expense Code "ADMIN"	0.1 Hour

PARTS REQUIREMENTS**Parts Ordering Information**

Parts will not be direct shipped for this recall. Service parts kits for 2001 model year Mustang vehicles are now available through normal order processing channels as noted below. Dealers will be notified via DOES II / Combat and a Supplemental notification when the 1994 - 2000 service kit becomes available.

Emergency Orders	Before December 23, 2000	Call 1-800-325-5621
All Orders	After December 23, 2000	Normal order process

<u>Part Number</u>	<u>Description</u>	<u>Quantity</u>
1R3Z-2A753-AA	Kit, Flat Plate Bracket - 2001 Model Year Mustang Equipped with Manual Transmission <i>Approximately 3800 involved vehicles</i>	1
1R3Z-2A753-xx ^V	Kit, Over Bracket - 1994 - 2000 Model Year Mustang Equipped with Manual Transmission	1

^V - It is anticipated that Over Bracket service parts kits for 1994 - 2000 model year vehicles will be available mid-December.

DOR/COR

DOR/COR Number 50193 identifies parts ordered for this campaign through the Recall Hotline (1-800-325-5621).

DEALER PRICE

For latest prices, refer to DOES II or your updated Price Book

EXCESS STOCK RETURN

Excess stock returned for credit must have been purchased from Ford Customer Service Division in accordance with Policy Procedure Bulletin 4000.

PARKING BRAKE CONTROL ASSEMBLY MODIFICATION

AFFECTED VEHICLES: CERTAIN 1994-2001 MUSTANG EQUIPPED WITH
MANUAL TRANSMISSION

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OVERVIEW

This procedure will instruct you on how to modify the parking brake control assembly. This modification includes cutting off a portion of the pawl referred to as the kickout tab, and installing a bracket designed to force the pawl into positive engagement with the sector. The bracket is secured to the control assembly with a self-tapping screw.

To prevent damage to any interior trim item, the control assembly must be removed from the vehicle to perform the cutting and drilling steps of the modification procedure. Also, please note that many of the repair steps are written for specific model year coverage. Read these instructions carefully before you begin.



REMOVAL

1. Install a memory saver and disconnect the battery ground cable.
2. Remove the shifter knob.
3. Carefully unsnap the forward bezel from the console and disconnect the electrical connectors. On 1999-2001 model year vehicles, disconnect the main console harness connector. See Figure 1.

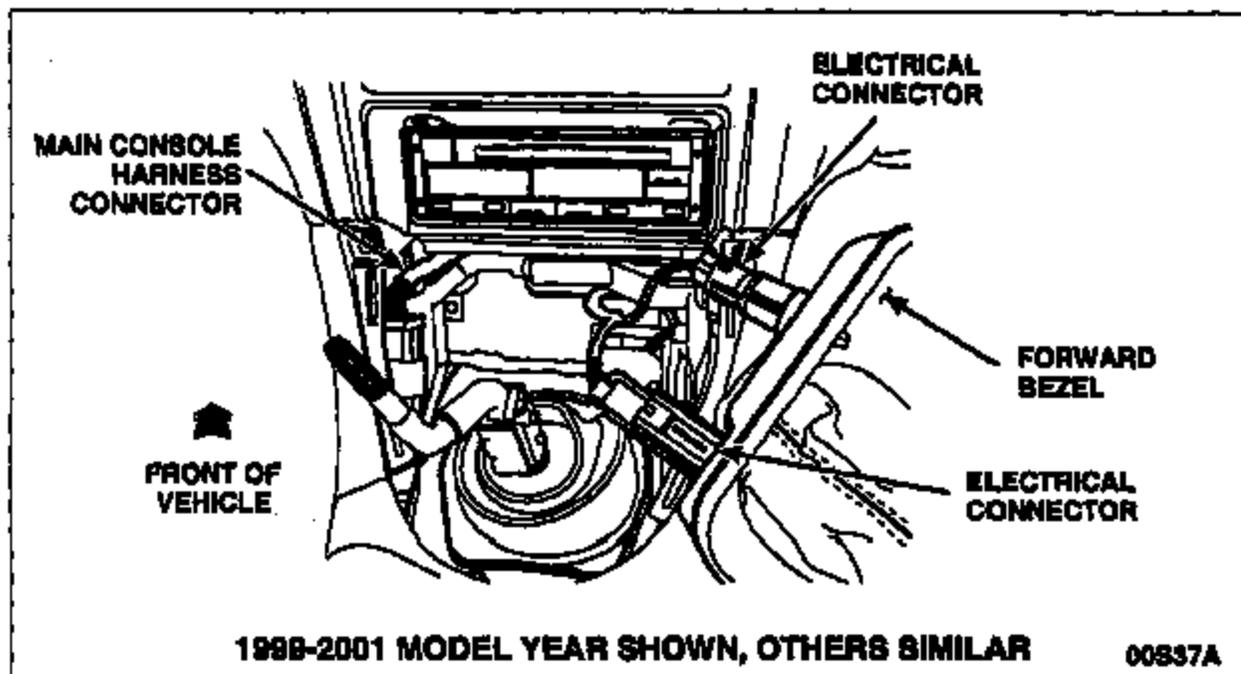


FIGURE 1



4. On 1994-2000 model year vehicles, open the console compartment door. Remove the rubber plugs, then remove the screws from beneath the plugs and remove the bin. See Figure 2.

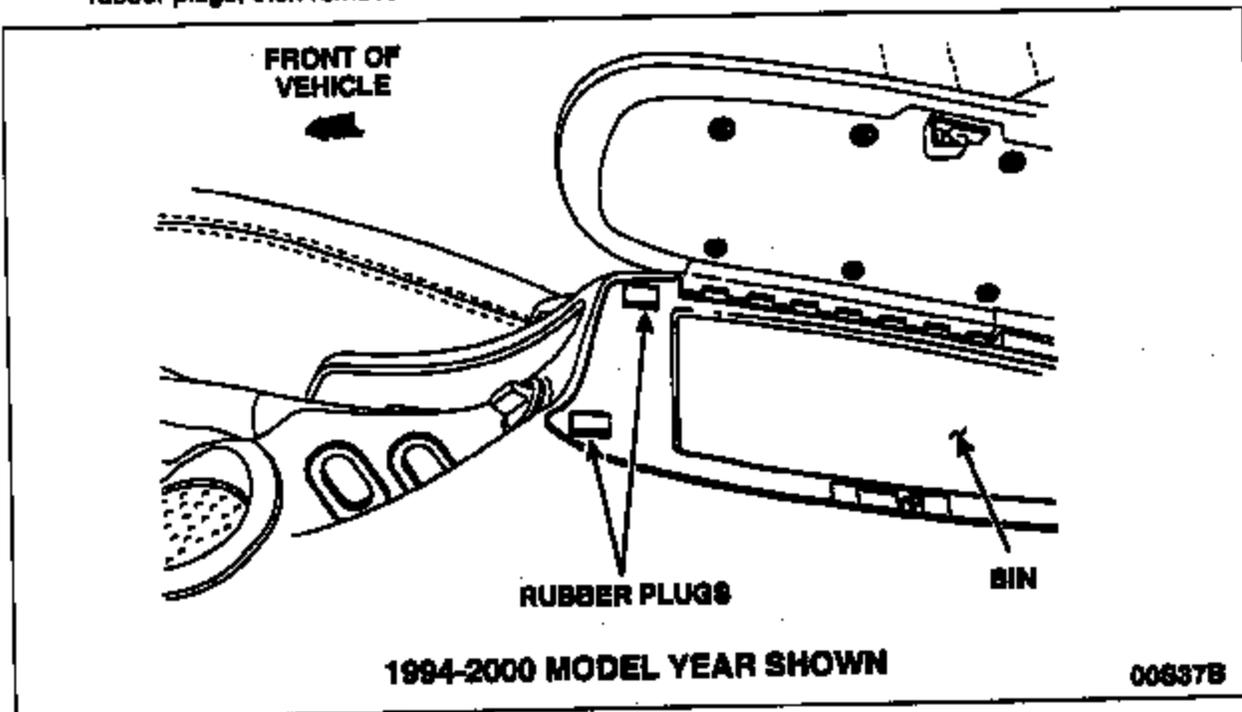


FIGURE 2

5. On 1994-1998 model year vehicles, disconnect the main harness connector. See Figure 3.

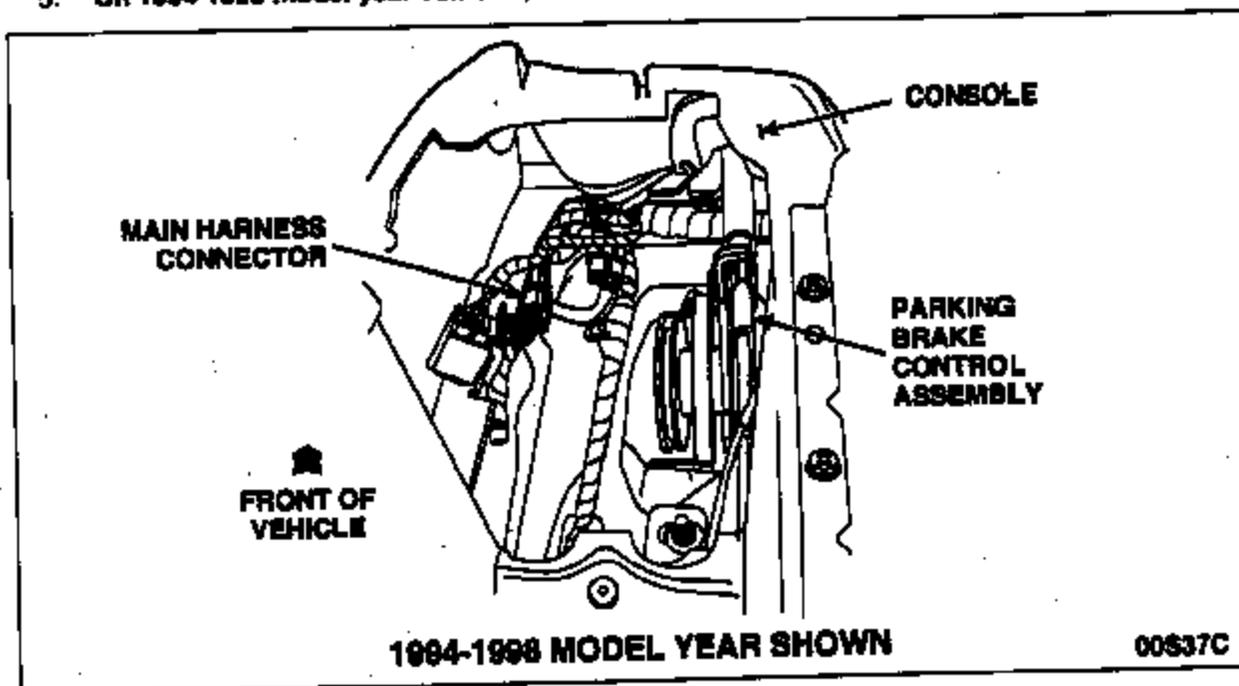


FIGURE 3

6. **NOTE: On 2001 model year vehicles, two of the console retainer screws are located inside the bin.**

Remove the four (4) console retainer screws, pull the parking brake handle to an upright position and remove the console assembly from the vehicle.

7. Loosen the control assembly retaining bolts 2-3 turns and allow the tension on the parking brake cable to pull the assembly rearward. Retighten the nuts.
8. **On 2001 model year vehicles, be sure to apply parking brake (lever in the upward position). Make sure the self-adjust pawl is fully engaged in the sector, then position the flat plate bracket on the parking brake control assembly as shown in the illustration. Center punch the side of the control assembly at the center of the bracket mounting hole. See Figure 4.**

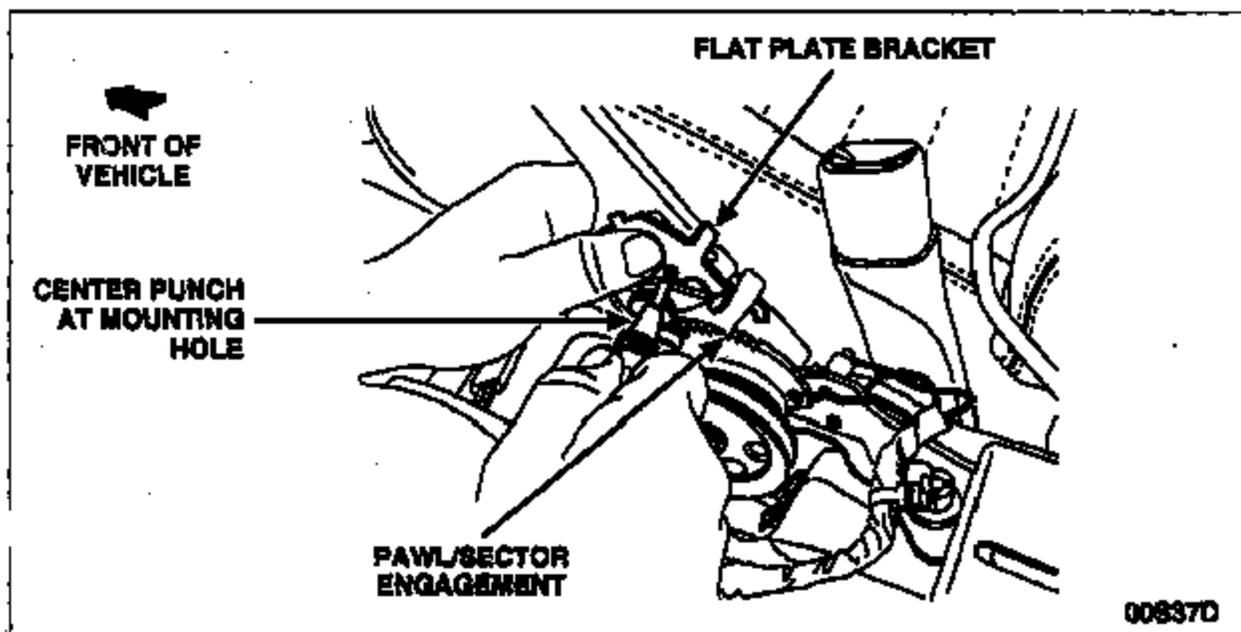


FIGURE 4

9. Lower the parking brake handle back down, then disconnect and remove the parking brake indicator lamp switch. See Figure 5.

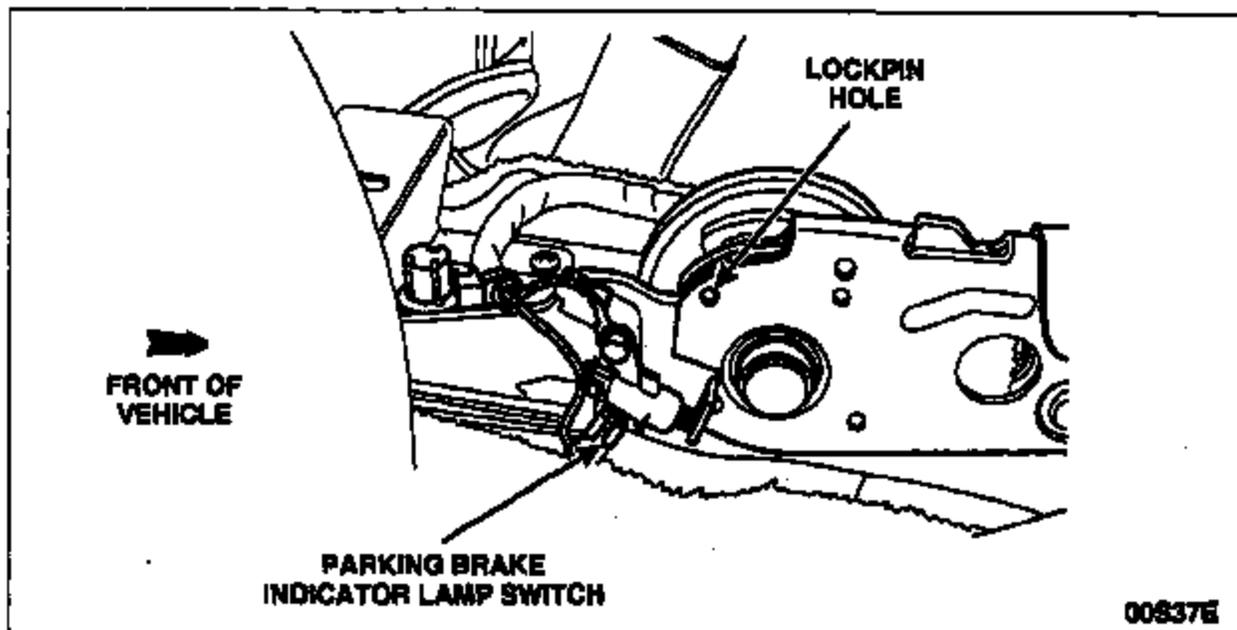


FIGURE 5

10. Remove the parking brake control assembly retaining bolts.
11. Release cable tension by pulling the control assembly forward far enough to rotate the self-adjuster reel while an assistant inserts a suitable steel lockpin through the hole in the lever and behind the cam on the sector gear. See Figures 5 and 6. This locks the sector gear in the "cable-released" position.
12. Disconnect the cable barrel from the self-adjuster reel and remove the control assembly from the vehicle.



CONTROL ASSEMBLY MODIFICATION

1. Position the control assembly in a vise.
2. **CAUTION:** The plastic handle cover must be removed or it will be damaged during the cutting procedure. Covers are not serviced separately.
On 1994-2000 model year vehicle control assemblies, remove the plastic handle cover by disengaging the locking tabs (one on each side) from the underside of the handle using a small screwdriver or other suitable tool.
3. **CAUTION:** Be sure to cut only the kickout tab. Do not cut the handle or any other part of the control assembly.
Using a suitable cutoff tool, remove 11-13 mm from the end of the kickout tab on the self-adjust pawl. Remove any burrs. See Figure 6.

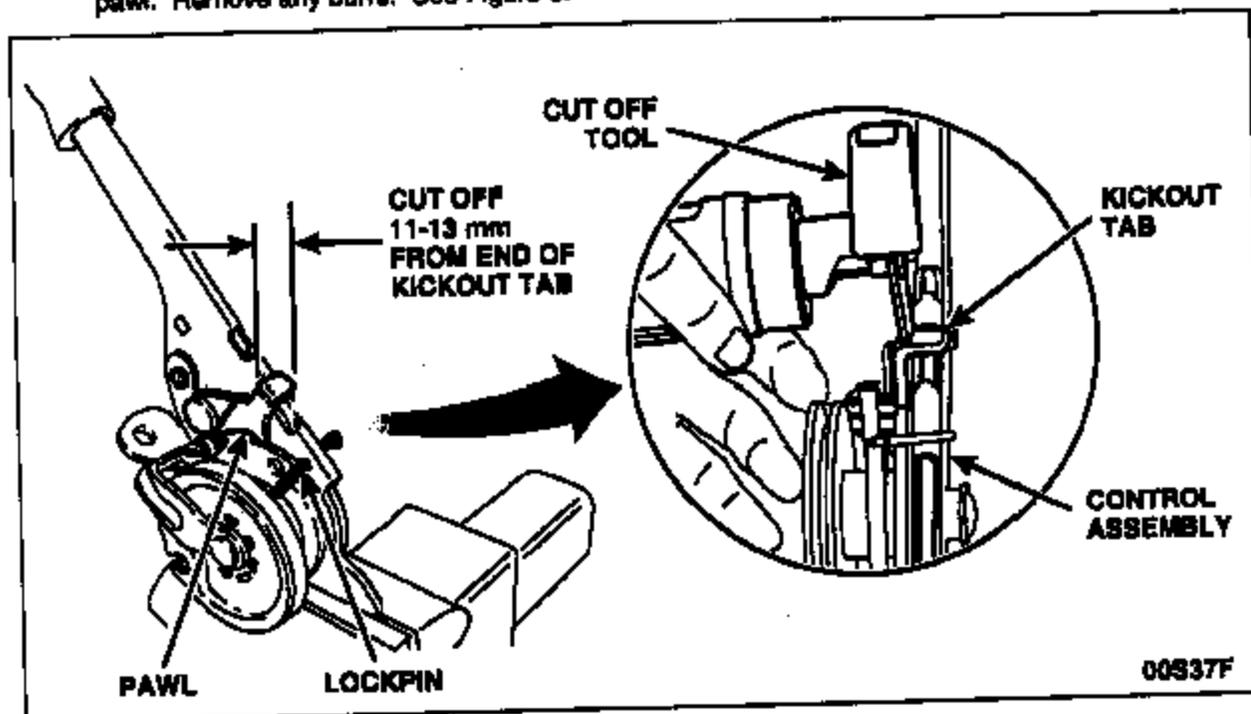


FIGURE 6

4. **CAUTION.** Drill through the top metal surface only. Do not drill through the entire control assembly.
On 2001 model year vehicles, locate the center punch mark on the side of the control assembly. Drill a 4.4 mm (5/32-inch) hole at the center punch mark.
5. Thoroughly clean all metal shavings and grinding/drilling debris from the control assembly.
6. Apply Ford LEAD-FREE Multi-Purpose Grease Spray (F5AZ-19G209-AA) or equivalent to the control assembly self-adjuster pawl and sector.
7. Reinstall the handle cover (1994-2000 model year vehicles).
8. Remove the control assembly from the vise.

INSTALLATION

1. Insert the parking brake cable barrel into the hole in the self-adjuster reel, then route the cable around the reel.
2. Position the control assembly in the car by sliding the rear mounting tab under the console support bracket then line up the front mounting tab with the bolt hole.
3. Install the bolts. While holding the control assembly as far rearward as possible, tighten the bolts to 18 Nm (13 lb-ft).
4. **WARNING: KEEP YOUR FINGERS AWAY FROM THE PARKING BRAKE CONTROL ASSEMBLY TO PREVENT INJURY.**

CAUTION: Do not remove the lockpin without first making sure the parking brake cable is properly connected to the control assembly. Pin removal releases the tension in the ratchet wheel causing the spring to unwind and release tension. If the pin is removed without the cable properly connected, the entire assembly must be removed to reset the cable tension.

Remove the lockpin.

5. **CAUTION:** The torque specification on the self-tapping screw is very low. Do not use power tools to tighten this screw. Do not overtighten the self-tapping screw or the threads in the hole will strip. If this occurs, the entire control assembly must be replaced.

Apply and release the parking brake control four (4) times, ending with the lever pulled up to its maximum apply position. Make sure the self-adjust pawl tooth fully engages the sector gear (the pawl tooth must not be "perched" between two teeth of the gear). See Figure 7.

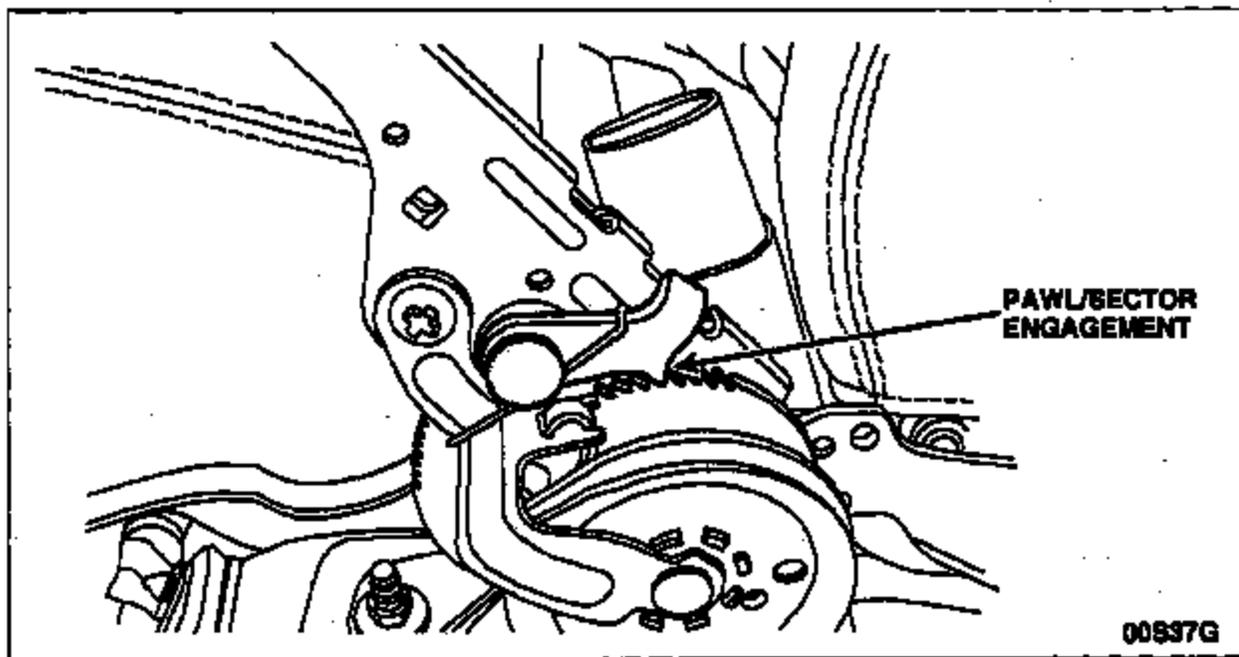


FIGURE 7

- On 2001 model year vehicles, position the flat plate bracket on the control assembly. Make sure the upper tab of the bracket is flush against the control assembly and the bracket is positioned as far rearward as possible so the foot of the bracket is against the pawl. Install the self-tapping screw and tighten to 3.2 Nm (29 lb-in). See Figure 8.

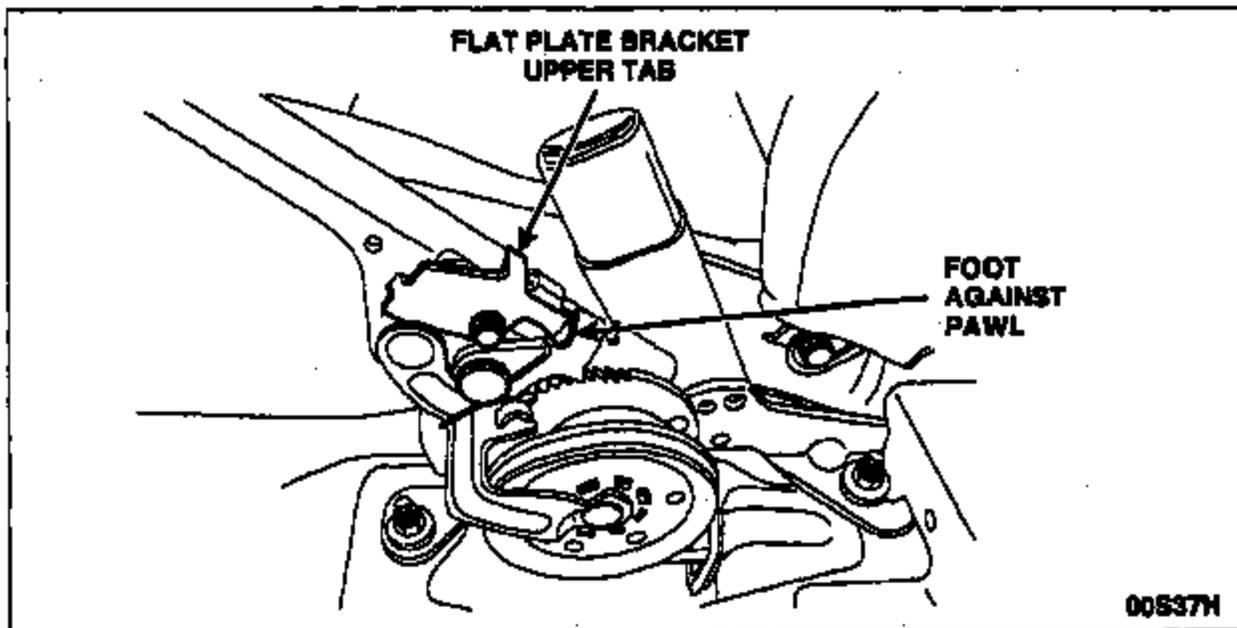


FIGURE 8



- On 1994-2000 model year vehicles, position the over-bracket on the control assembly as shown in the illustration. Make sure the over-bracket mounting hole is aligned with the lockpin hole on the control assembly. Install the self-tapping screw and tighten to 3.0 Nm (27 in-lb). See Figure 9.

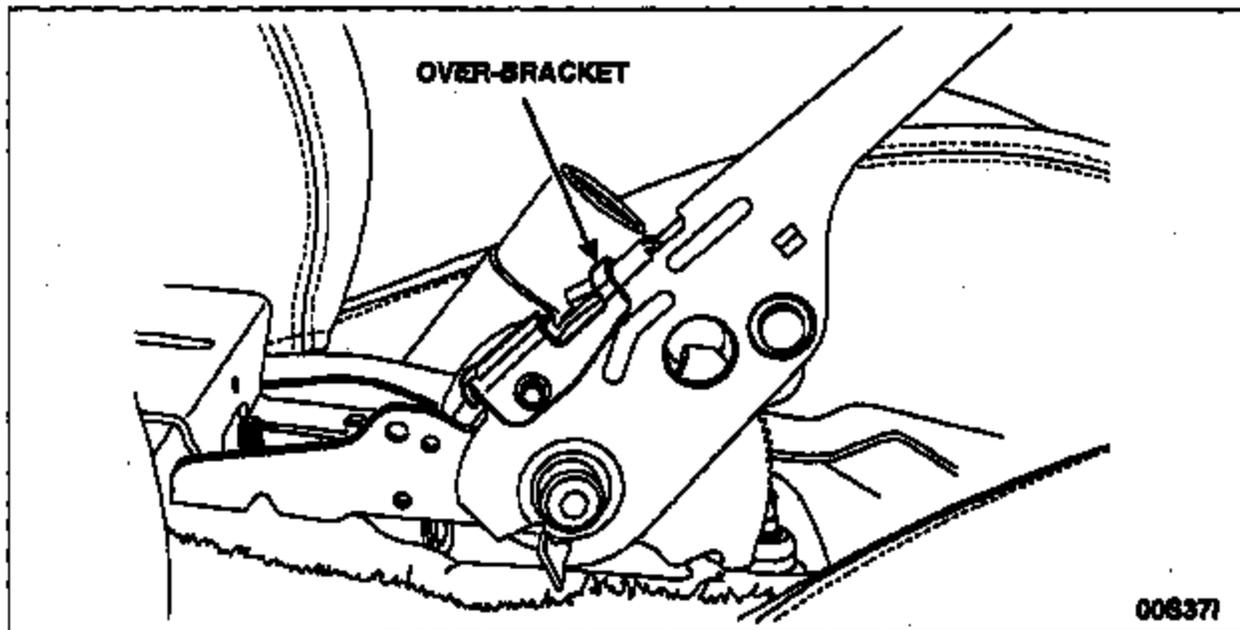


FIGURE 9

6. Install and connect the parking brake indicator lamp switch.
7. Install the console and install the retainer screws. On 1994-1996 model year vehicles, connect the main console harness connector.
8. On 1994-2000 model year vehicles, install the bin and bin retainer screws, then install the rubber plugs. Close the console compartment door.
9. On 1999-2001 model year vehicles, connect the main console harness connector.
10. Connect the electrical connectors, if equipped, then snap the forward bezel into position. Install the shifter knob.
11. Connect the battery ground cable and remove the memory saver.
12. Apply and release the parking brake control several times. Make sure the parking brakees apply and release, the BRAKE Indicator lamp on the instrument panel comes on when the parking brakees are applied when the key is on, and the lamp goes off when the parking brakees are released.



The following information is from the 2000 Mustang Owner Guide

Parking brake (P)

Apply the parking brake whenever the vehicle is parked. To set the parking brake, apply the brake pedal and pull the parking brake handle up as far as possible. See Figure 1

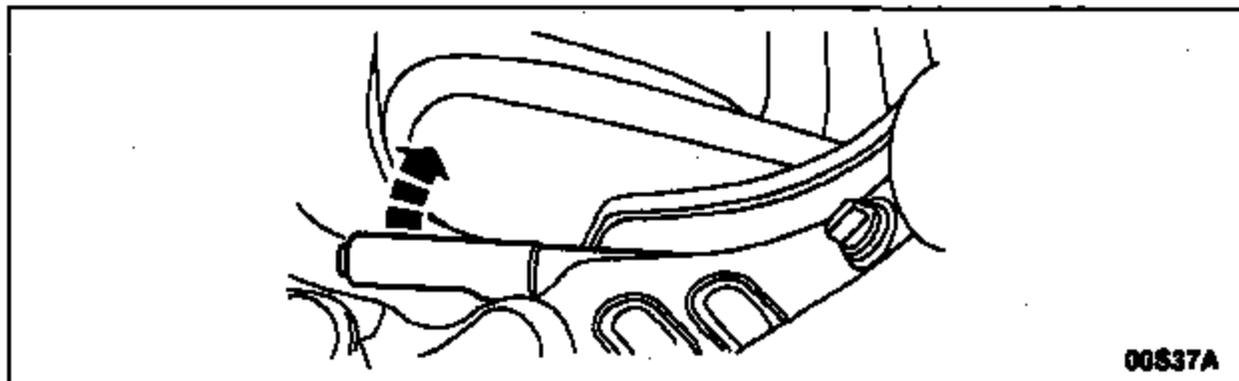


FIGURE 1

The BRAKE warning lamp in the instrument cluster illuminates and remains illuminated (when the ignition is turned ON) until the parking brake is released.



ALWAYS SET THE PARKING BRAKE FULLY AND MAKE SURE THAT THE GEARSHIFT IS SECURELY LATCHED IN P (PARK) (AUTOMATIC TRANSMISSION) OR IN 1 (FIRST GEAR) (MANUAL TRANSMISSION).

The parking brake is not recommended to stop a moving vehicle. However, if the normal brakes fail, the parking brake can be used to stop your vehicle in an emergency. Since the parking brake applies only the rear brakes, the vehicle's stopping distance will increase greatly and the handling of your vehicle will be adversely affected.

To release the parking brake, the brake handle may need to be pulled up slightly to release pressure before pushing in the button. See Figure 2

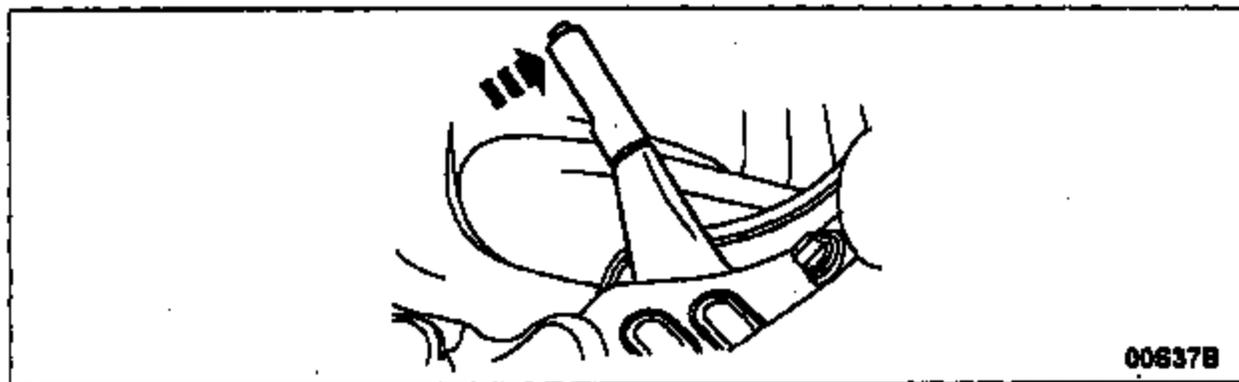


FIGURE 2

Push the button on the end of the parking brake handle and push the handle down as far as possible. Driving with the parking brake applied will cause the brakes to wear out quickly and reduce fuel economy.

Ford Motor Company

Ford Motor Company
P. O. Box 1904
Dearborn, Michigan 48121
1-800-382-3673

November 2000

00837

Mr. John Sample
123 Main Street
Anywhere, USA 12345

Your Vehicle Identification Number: 12345678901234567

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Ford Motor Company has decided that a defect which relates to motor vehicle safety exists in certain 1994 – 2001 model year Mustang vehicles equipped with manual transmission.

We apologize for this situation, and want to assure you that, with your assistance, we will correct this condition. Our commitment, together with Ford dealers, is to provide you with the highest level of service and support possible.

What the safety issue is ...

Affected vehicles have the potential for a mis-alignment condition within the park brake control assembly that could cause the park brake to not hold and allow the vehicle to roll if the parking instructions in your owner guide are not followed.

The owner guide instructs customers to always apply the brake pedal and pull the parking brake handle up as far as possible and place the gearshift of the manual transmission securely in 1st (first) gear after setting the parking brake.

What Ford Motor Company and your dealer will do ...

Ford Motor Company will repair your vehicle free of charge (parts and labor). Owners who are affected by this recall are requested to return their vehicle to their dealer for modification of the park brake control assembly.

How long will it take?

The time needed for this repair is less than one-half day. However, due to service scheduling issues, your dealer may need your vehicle for a longer period of time.

**What we are asking
you to do ...**

Call your dealer without delay. Ask for a service date and whether parts are in stock for Safety Recall 00S37.

If your dealer does not have the parts in stock, they can be ordered before scheduling your service date. Parts would be expected to arrive within a week after ordering.

When you bring your vehicle in, show the dealer this letter. If you misplace this letter, your dealer will still do the work, free of charge.

**If you've already paid
for this service ...**

If you paid to have the park brake control assembly modified before the date of this letter, Ford is offering a full refund. For the refund, please give your paid original receipt to your dealer. To avoid delays, do not send receipts to Ford Motor Company.

**If you've changed
address or sold the
vehicle ...**

Please fill out the enclosed prepaid postcard and mail it to us if you have changed address or sold the vehicle.

**If you have
concerns ...**

If you have trouble getting your vehicle repaired promptly and without charge, please contact your dealership's Service Manager. If you still need assistance, please contact the Ford Motor Company Customer Relationship Center and one of our representatives will be happy to assist you:

**CALL: (800) 392-3673
(800) 232-5952 (TDD for the Hearing Impaired)**

Office Hours: (Eastern Standard Time)

Monday-Friday: 8:00 AM - 11:00 PM

Saturday: 9:00 AM - 6:00 PM

or you may contact us through the Internet at:

www.ownerconnection.com

Our current response time to Internet inquiries is three business days.

You also may send a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S. W., Washington, D. C. 20590 or call the toll free Auto Safety Hotline 1-800-424-9393 (Washington, D. C. area residents may call 1-202-366-0123).

Quality Care service is there for you all year round.



Quality Care is the commitment of Ford Motor Company and its dealerships to provide you with a superior service and ownership experience. While we regret the inconvenience caused by this program, we stand committed with our Ford dealers to assist you with all of your automotive service needs. With our nationwide dealer network, we're here to ensure you receive Quality Care service so that your vehicle maintains peak performance throughout your ownership experience.

We pride ourselves on becoming the world's leading consumer company for automotive products and services. Thank you for your attention to this important matter.

Sincerely,

A handwritten signature in black ink that reads "Ann O'Neill". The signature is fluid and cursive, with a large initial "A".

Ann O'Neill
Director
Vehicle Service and Programs