

<b>Subject:</b> <b>MANUAL TRANSMISSION - CLUTCH HARD TO DISENGAGE</b>	<b>Bulletin No:</b> 05-010/07
	<b>Last Issued:</b> 9/27/2007

## APPLICABLE MODEL(S)/VINS

2006-2007 MX-5 vehicles with VINs lower than JM1 NC\*\*\*\* \*\* 136430 (produced before March 1, 2007)

## DESCRIPTION

Some vehicles may experience that the free play on the clutch pedal increases and the clutch is hard to disengage.

At hot ambient temperatures or approx. 85 F (30 C), ethanol used during installation of the clutch release cylinder boot becomes vaporized and expands. As the pressure in the boots increases, the piston is pushed back into the release cylinder body. As a result, a gap appears between the piston and the push rod, resulting in excessive free play and the clutch hard to disengage.

As a mass production change, ethanol is no longer used during clutch release cylinder assembly. Customers having this concern should have their vehicle repaired using the following repair procedure.

## REPAIR PROCEDURE

1. Verify customer concern.
2. Replace the clutch release cylinder. Refer to Workshop Manual section 05-10 - CLUTCH RELEASE CYLINDER REMOVAL/INSTALLATION.
3. Bleed the clutch release cylinder. Refer to Workshop Manual section 05-10 - CLUTCH FLUID REPLACEMENT.
4. Verify repair.

## PART(S) INFORMATION

Part Number	Description	Qty.	Notes
NE55-41-92XA	Clutch Release Cylinder	1	---

## WARRANTY INFORMATION

**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair. Refer to the Warranty Wizard for warranty term information.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	70
Damage Code	93
Part Number Main Cause	NE55-41-92XA
Quantity	1
Operation Number / Labor Hours:	XXC3XXRX / 0.4 Hrs