

<b>Subject:</b> <b>ENGINE WILL NOT START IN P-RANGE INTERMITTENTLY</b>	<b>Bulletin No:</b> 05-012/08
	<b>Last Issued:</b> 11/13/2008

## APPLICABLE MODEL(S)/VINS

2004-2008 Mazda3 vehicles with VINs lower than JM1BK\*\*\*\* \*\* 848579 (produced before November 1, 2007)

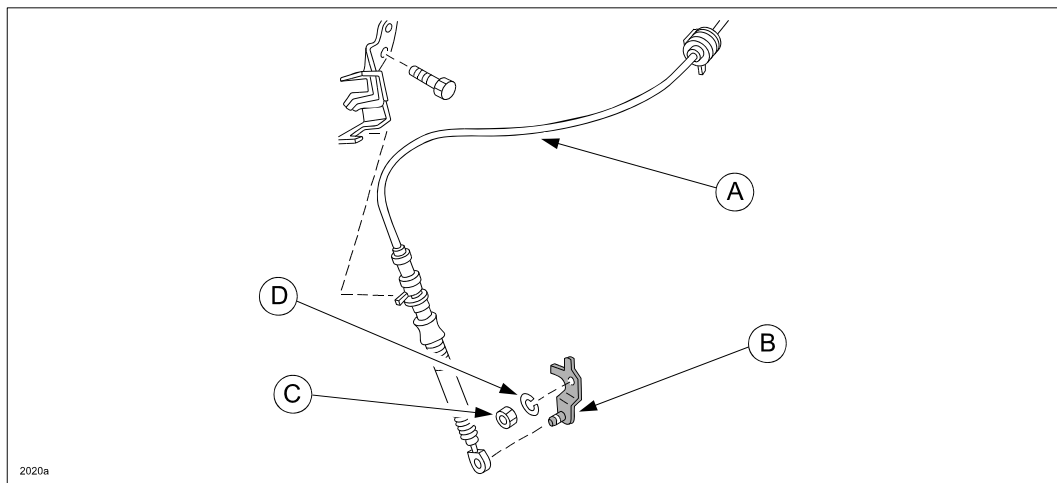
## DESCRIPTION

On some vehicles, the shift position lamp in the instrument cluster does not come on in the “P” position, and the engine does not start. However, the engine can be started in the “N” position. This is due to rust on the connecting point of the shift cable and lock cable lever causing the select lever not to move to the location where it is recognized as “P” range. There is no issue about the transmission reaching Park. This is only an issue about the confirming “P” indicator in the instrument cluster. A slit on the mud guard has been removed to prevent salt water from getting to the location where rust would occur.

Customers having this concern should have their vehicle repaired using the following repair procedure.

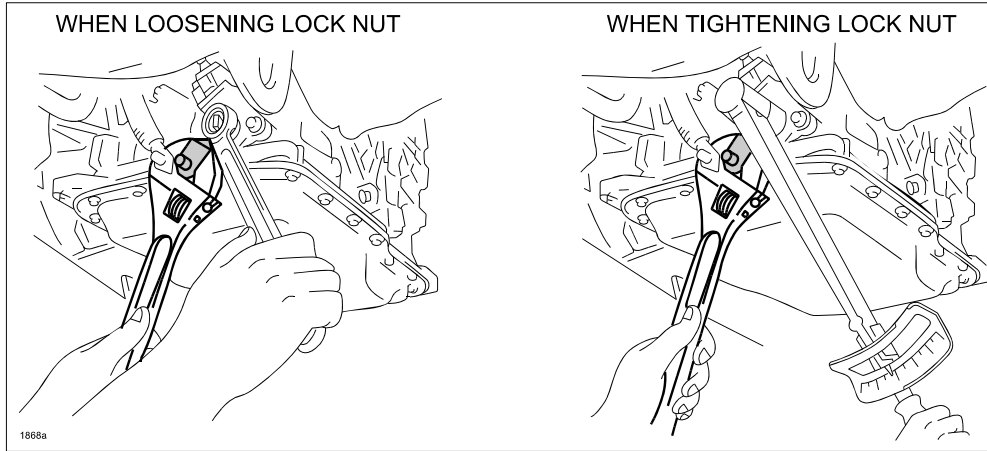
## REPAIR PROCEDURE

1. Verify customer concern.
2. First verify that rust appears on the connecting point of the shift cable (A) and lock cable lever (B), then replace the lock cable lever with modified one by removing the nut (C) and washer (D). Also, replace the nut and washer.



**NOTE:**

- When removing or installing the lock nut, always be sure to hold the lock cable lever with an adjustable wrench. Failure to use an adjustable wrench may cause TR switch breakage.
- If corrosion is present, apply penetrating oil to the shaft and nut threads before loosening.
- When loosening, if there is binding because of corrosion on the threads, work the nut back and forth until it comes off.



**Tightening Torque: 31.4 Nm (3.2 - 4.7 kgf-m, 23.2 - 33.9 ft. lbf.)**

3. Verify repair.

**PART(S) INFORMATION**

Part Number	Description	Qty.
B2YE-46-310	Lock Cable Lever	1
99922-1400	Nut	1
99971-1400	Washer	1

**WARRANTY INFORMATION**

**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	61
Damage Code	9Y
Part Number Main Cause	B2YE-46-310
Quantity	1
Operation Number / Labor Hours:	XXD3ZXRX / 0.4 Hrs (4AT/5AT)