

Service Information

Mazda Motor Corporation

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Category J	Repair Guidance	Ref. No. R102/13	Page 1 of 4
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued December 6, 2013	
Please convey this information to your <input type="checkbox"/> Director <input checked="" type="checkbox"/> General Manager <input checked="" type="checkbox"/> Warranty Dept. <input checked="" type="checkbox"/> Parts Dept. <input checked="" type="checkbox"/> Training Dept. <input checked="" type="checkbox"/> Field Rep.		Date Revised	
Applicable Model Mazda3 (BM) with Manual Transaxle [C66M-R and D66M-R]		Applicable Countries or Specifications North America and Europe	

Subject: Hard to shift into gears

DESCRIPTION

Some new vehicles may exhibit hard shifting into gears, especially into 1st gear.

CAUSE

The shift control cable (select) of the shift lever may be misaligned from the center of neutral position at the production line.

MASS-PRODUCTION CHANGE

Procedures to adjust the control cable at the production line have been improved.

BEGINNING VIN & DATE OF MODIFICATION

US spec.

JM1 BM **** ** 144465 November 11, 2013

EU spec.

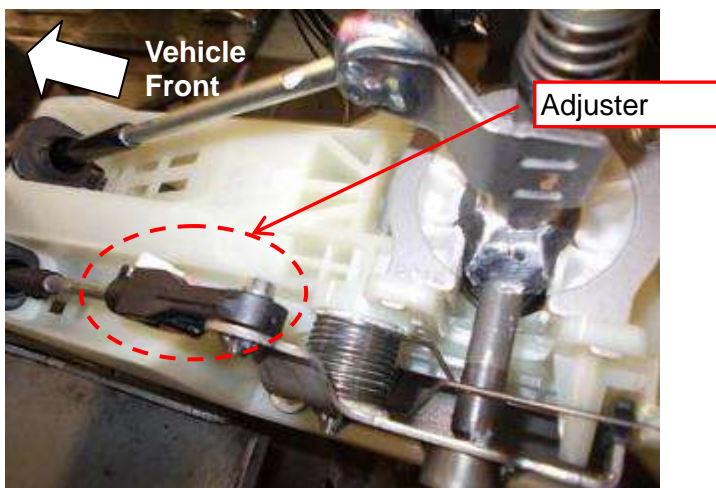
JMZ BM **** ** 128182 November 11, 2013

REPAIR PROCEDURE

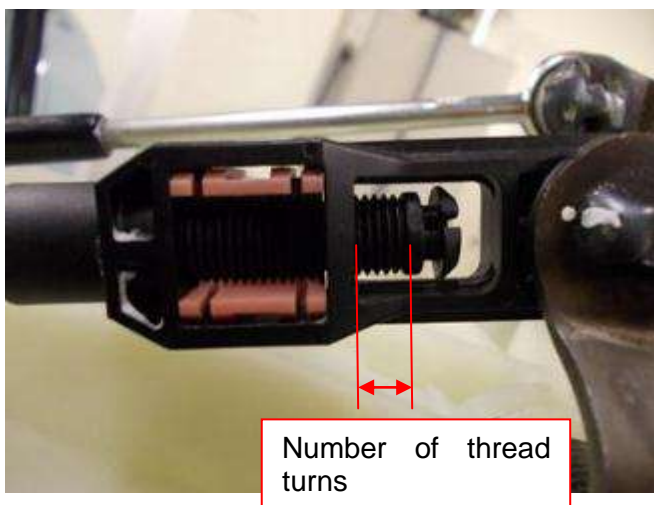
1. Verify the customer concern.
2. Adjust the shift control cable (select) by using the following procedure "Adjustment Procedure of Shift Control Cable".

[Adjustment Procedure of Shift Control Cable]

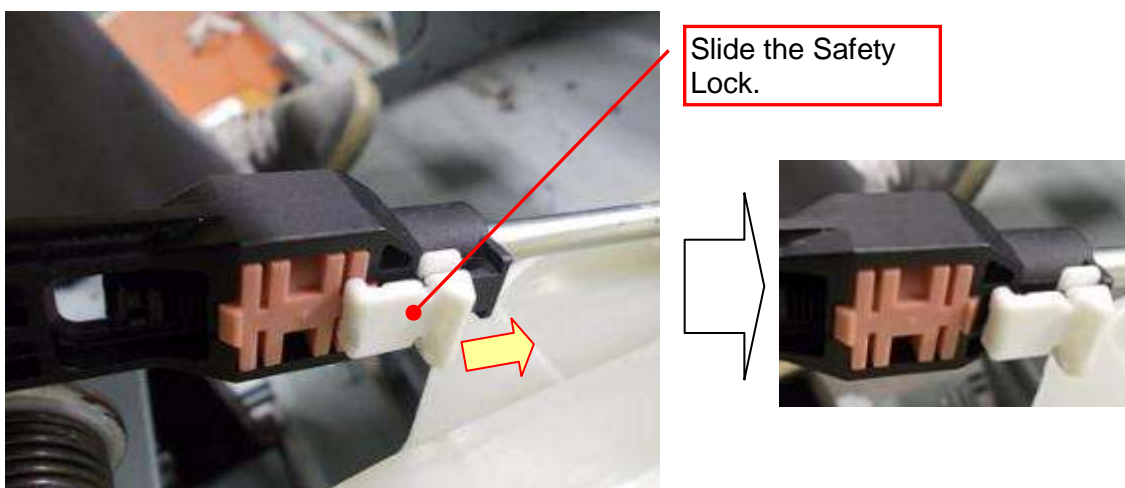
1. Remove the shift panel according to the instructions in the Workshop Manual “SHIFT PANEL REMOVAL/INSTALLATION”.
2. Install the shift lever knob and shift into “4th” gear.
3. Find the adjuster for the control cable (select).



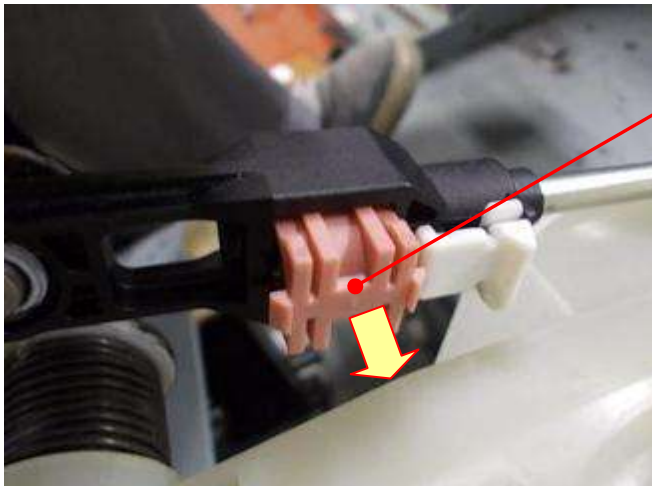
4. Check the current adjustment condition of the control cable by counting the number of projecting thread turns.



5. Release the safety lock by sliding it to the direction of the arrow in the figure.



6. Release the locking piece by pushing it from the back.



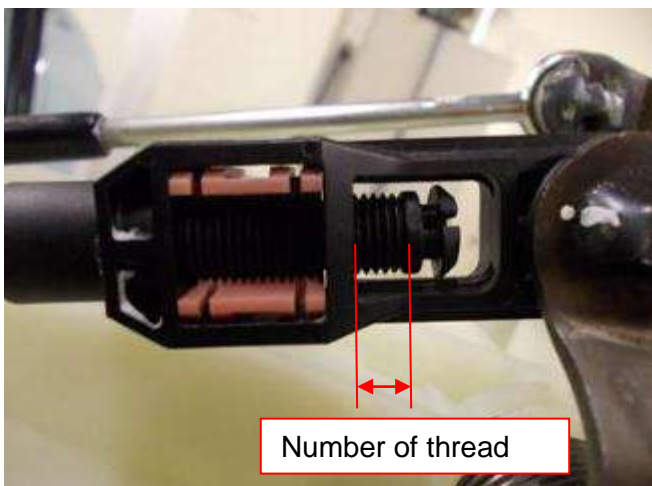
Locking Piece

7. With the shift lever engaged in 4th position, move (shake) the shift lever to the right and left 5 times. And then wait another 30 seconds.



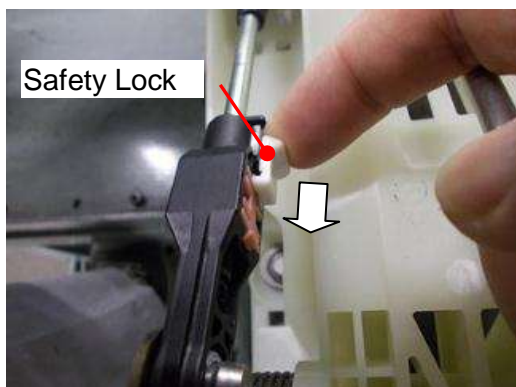
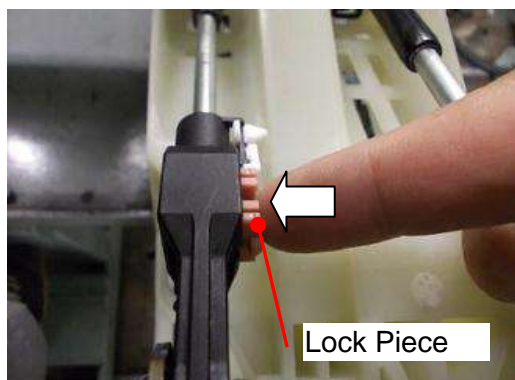
Shake the shift lever to right and left 5 times.

8. Check that the cable adjustment position (number of thread turns) has changed from the previous (step 4).



Number of thread

9. Reinstall the locking piece and slide the safety lock to the lock position.



10. Verify if shifting is smooth into all gears, especially “R”, “1st” and “2nd” gears.
 ✓ If not OK, repeat from step 6.
 ✓ If OK, go to the next step.
11. Install the removed parts in the reverse order.
 12. Verify the repair.

PARTS INFORMATION

No parts replacement is involved.

WARRANTY INFORMATION

Symptom Code		24
Damage Code		9H
DTC Code		-
Causal Part No.		****-46500 Shift Control Cable
Q'ty		0
Operation No. & Labor Hours	Shift Control Cable, adjustment	XXK1SARX & 0.2H w/o : Commander Switch XXK1SBRX & 0.3H with : Commander Switch
Period Covered		Normal warranty period

Ryu Shimizugawa
 Manager, Technical Information Gr.
 Technical Service Dept.
 Mazda Motor Corporation
 2DA2220003 (MC Internal Use)