

Service Information

Mazda Motor Corporation

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Category J	Repair Guidance	Ref. No. R083/16 B	Page 1 of 3
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued October 10, 2016	
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 March 8, 2017	
Applicable Model MX-5 (ND) with Manual Transmission		Applicable Countries and/or Vehicle Specifications Worldwide	

[REVISED]

Revision Note: "PARTS INFORMATION" has been updated

Subject: Unusual Noise from Manual Transmission when driving in 2nd and/or 3rd Gear

DESCRIPTION

Some vehicles may exhibit one or more of the following symptoms with the manual transmission.

- An unusual noise occurs from the transmission when it is shifted from 1st to 2nd and/or from 2nd to 3rd gear.
- It is impossible to shift into 2nd and/or 3rd gear while there is no problem with other gears.
- There is an unusual noise from the transmission while it is in the neutral position and the engine is idling.

CAUSE

The vehicle might have been driven with rapid acceleration and deceleration using frequent shift changes, causing to damage the 2nd and/or 3rd gears.

MASS PRODUCTION CHANGE

The configuration of the 2nd and 3rd gears has been changed to increase the rigidity.

SUBJECT VIN & PRODUCTION DATE RANGE

Spec.	Subject VIN Range		Production Date Range (Up to)
Australia	JM0 ND**** **	100001 - 102648	September 6, 2016
General (R.H.D.)	JM6 ND**** **	100001 - 100480	
General (L.H.D.)	JM7 ND**** **	100001 - 100726	
Europe (L.H.D. & UK)	JMZ ND**** **	100001 - 120215	
US (2016 - 2017 MY)	JM1 ND**** **	100001 - 121392	

NOTE: Transmissions with the serial No. "6TJ0900496" or higher are modified.



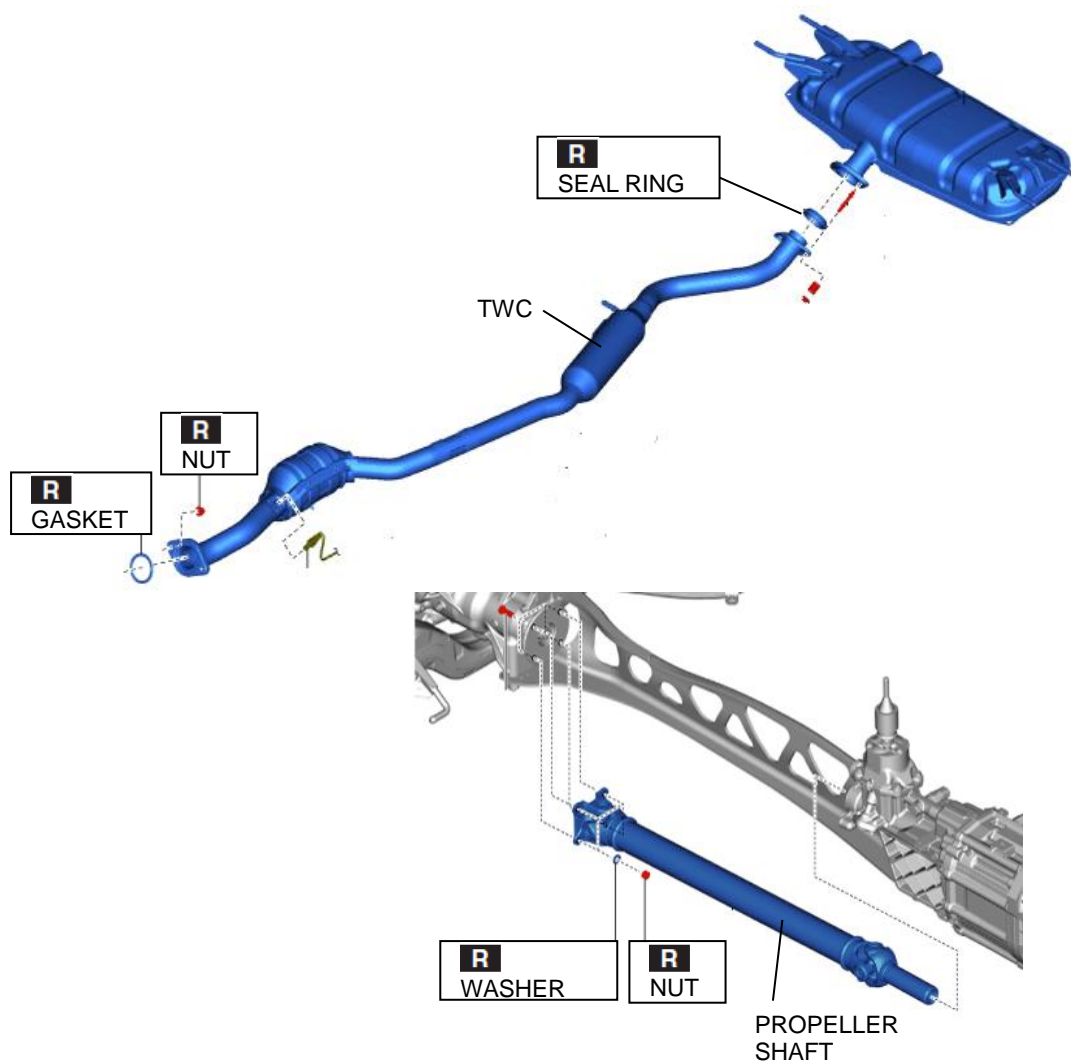
REPAIR PROCEDURE

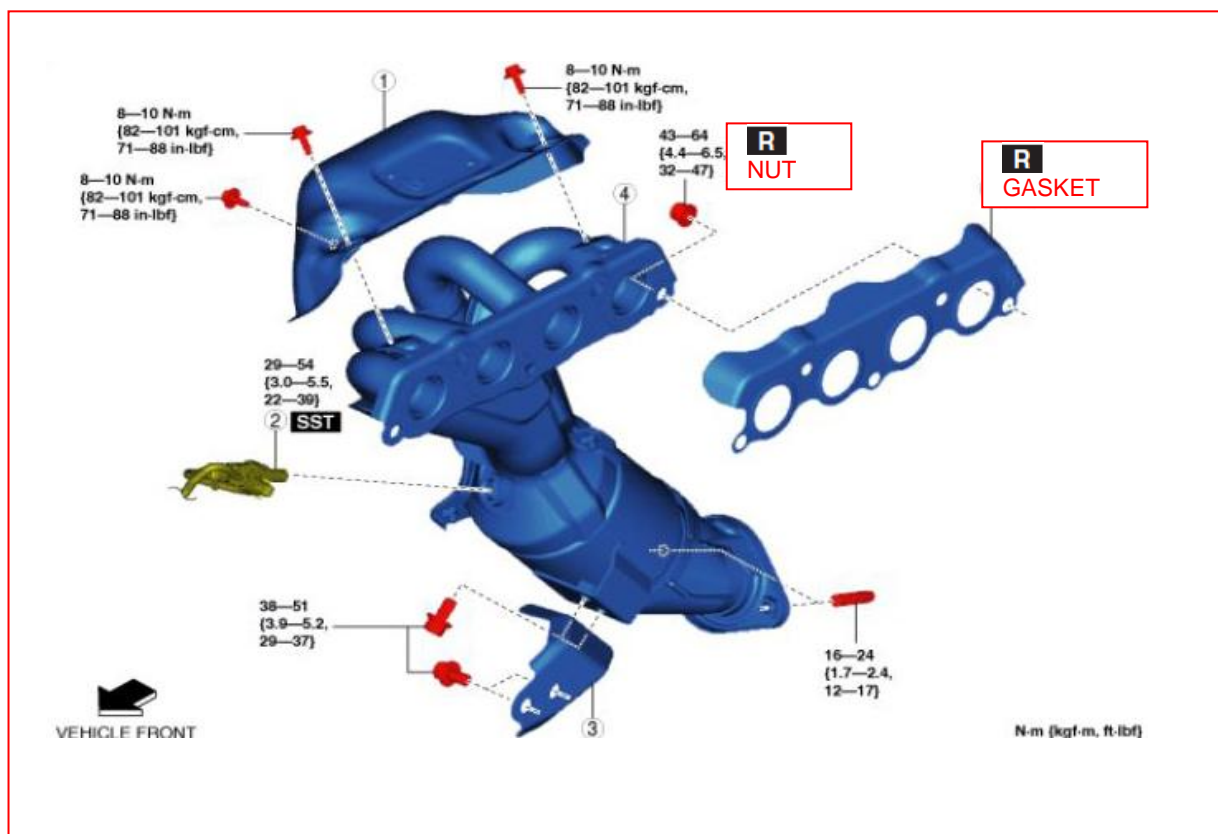
When you receive a customer complaint and one of the symptoms in “DESCRIPTION” can be confirmed, replace the manual transmission complete with a modified one according to the workshop manual “TRANSMISSION REMOVAL/INSTALLATION [M66M-D]”.

PARTS INFORMATION

Part Number	Part Name	Qty.	Remark
M601-03-000	Manual Transmission Complete	1	1500
M602-03-000	Manual Transmission Complete	1	2000 Without i-STOP
M612-03-000	Manual Transmission Complete	1	2000 With i-STOP
9994-61-000	Nut, TWC	2	R
PE23-40-305	Gasket, TWC	1	
RFK2-40-581	Seal Ring, TWC	1	
1368-25-124	Nut, Propeller Shaft	4	
9997-11-000	Spring Washer, Propeller Shaft	4	
P540-13-460	Gasket, Exhaust Manifold (1500)	1	
PEJ5-13-460	Gasket, Exhaust Manifold (2000)	1	
9YB10-1006	Nut, Exhaust Manifold	5	

Replacement Parts Location





WARRANTY INFORMATION

Assembly group	J – Manual Transmission
Subassembly group	01 – MANUAL TRANSMISSION COMPLETE (MANUAL TRANSMISSION)
Symptom Code	24 (Gear Noise)
Damage Code	9A (Broken)
Causal Part No.	****_03-000 (Enter the part number of Manual Transmission Complete applicable to the subject vehicle.)
Quantity	1
Operation No. and Labor Hrs.	See the SRT table below.
Period Covered	Normal Warranty Period
Prior approval necessary	YES

SRT (Transmission Complete, R&R)

Vehicle Specification	Operation No.	Labor Hrs.
LHD, Without i-stop, Without front suspension tower bar (Including US Spec.)	XXM9GARX	4.7
LHD, Without i-stop, With front suspension tower bar	XXM9GBRX	4.8
LHD, With i-stop, Without center under cover	XXM9GCRX	5.1
LHD, With i-stop, With center under cover	XXM9GDRX	5.2
RHD, Without i-stop	XXM9GERX	4.9
RHD, With i-stop	XXM9GFRX	5.0

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 2FC2112238,151-125Q (MC Internal Use)