

Service Information

Mazda Motor Corporation

3-1, Shinchi, Fuchu-cho, Aki-gun
Hiroshima 730-8670, Japan
TEL : 81(82)287-5323
FAX : 81(82)287-5220



Category M	Repair Guidance	Ref. No. R102/15	Page 1 of 3
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued October 15, 2015	
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 MX-5 (ND)		Applicable Countries or Specifications Worldwide	

Subject: Creak noise from vehicle underneath at the rear when clutch is engaged quickly or the vehicle accelerating/decelerating rapidly

DESCRIPTION

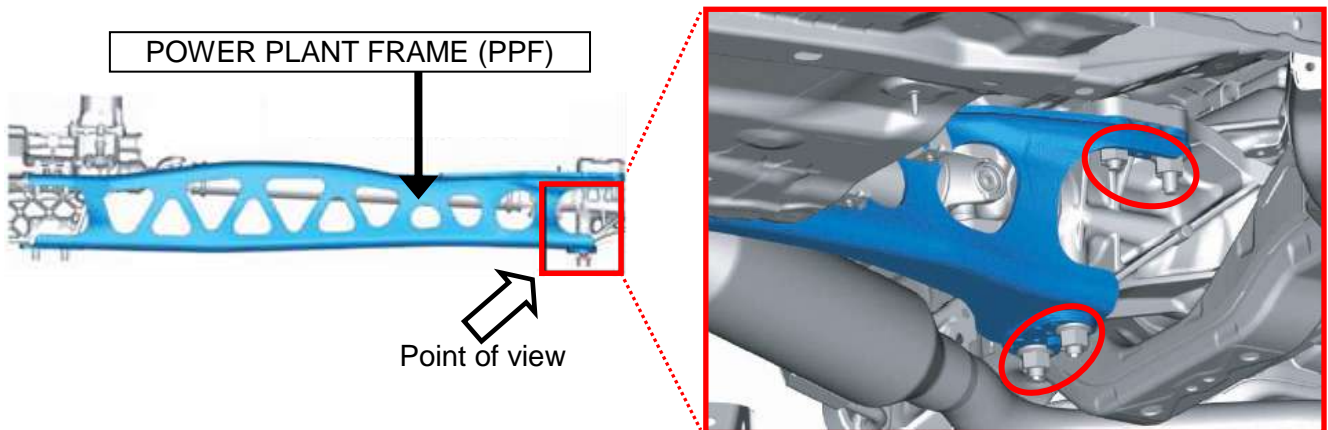
Some vehicles may exhibit a creak noise from around the rear differential when the clutch is engaged quickly or the vehicle is accelerated/decelerated rapidly.

CAUSE

This is a stick-slip noise occurring at the contact surface between the power plant frame (PPF) and the rear differential.

MASS PRODUCTION CHANGE

The tightening torque of the stud bolts and nuts has been increased to avoid this concern.



BEGINNING VIN & DATE OF MODIFICATION

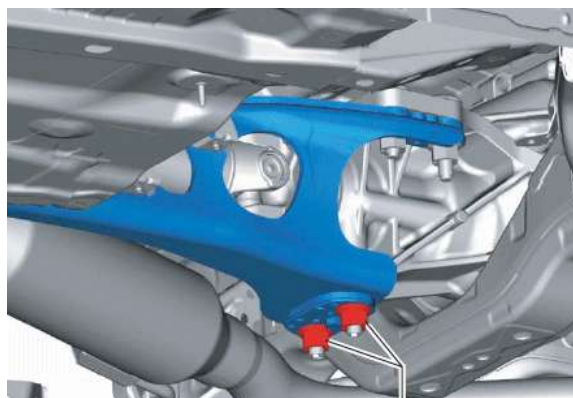
MX-5 (ND)

Spec.	Beginning VIN	Date of Modification
ADR	JM0 ND **** **	TBD
General (R.H.D.)	JM6 ND **** **	TBD
General (L.H.D.)	JM7 ND **** **	TBD
Europe (includes UK)	JMZ ND **** **	TBD
US (2016 MY)	JM1 ND **** **	TBD

REPAIR PROCEDURE

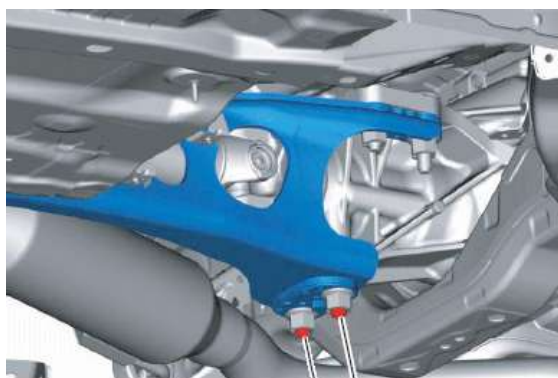
If you receive a customer complaint on this concern, first verify it on the vehicle. If it can be confirmed, additionally tighten the stud bolts and nuts securing the power plant frame (PPF) to the rear differential according to the following procedure.

1. Lift up the vehicle.
2. Loosen two mounting nuts of the PPF in figure until they do not touch seating.

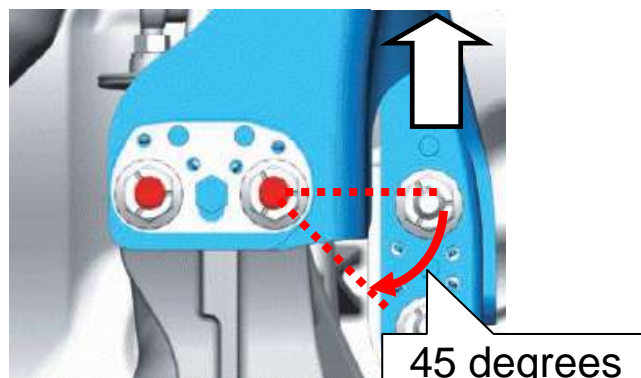


Nuts

3. Tighten two stud bolts of the PPF in figure for 45 degrees.

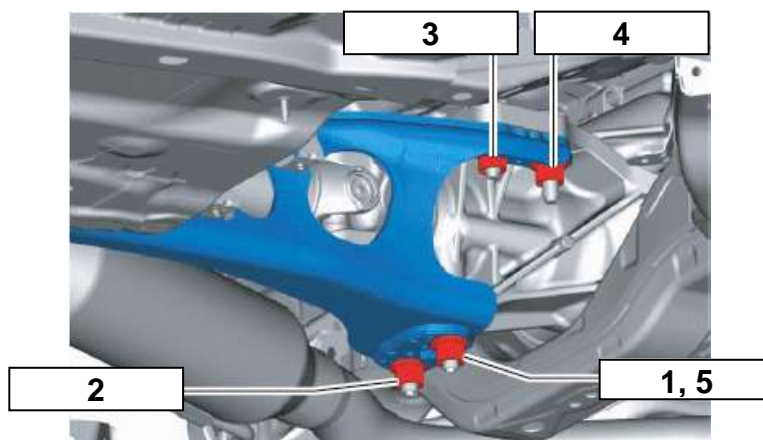


Stud bolts



45 degrees

4. Tighten the four mounting nuts of the PPF in the numbered sequence shown below.



Note: Tightening torque

182 - 200 N·m {18.6 - 20.4 kgf·m, 134 - 148 ft·lbf}

5. Lift down the vehicle.
6. Verify if the concern has gone.

WARRANTY INFORMATION

Assembly group	M – Front and rear axle
Subassembly group	04 - DIFFERENTIAL (EXCEPT FRONT WHEEL DRIVE)
Symptom Code	83 (Unusual chatter)
Damage Code	9G (Improper torque)
Causal Part No.	TA11-27-603A (BOLT-STUD)
Q'ty	0
Operation No.	XXL8HXRX
Labor Hours	0.2 Hrs.
Period Covered	Normal Warranty Period

Ryu Shimizugawa
Manager, Technical Information Gr.
Technical Service Dept.
Mazda Motor Corporation
1F70322257 (MC Internal Use)