

Service Information

Mazda Motor Corporation

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Category H	Repair Guidance	Ref. No. R051/17	Page 1 of 5
Coverage <input type="checkbox"/> Distributor only <input checked="" type="checkbox"/> Please inform your dealers		Date Issued July 13, 2017	
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 and Equipment Mazda2 (DJ), Mazda3 (BM/BN) and CX-3 (DK) with SKYACTIV-D 1.5 and SKYACTIV-MT		Applicable Countries and/or Vehicle Specifications Europe and General	

Subject: Clutch slips when accelerating

DESCRIPTION

Some customer may experience that the fully engaged clutch sometimes slips when accelerating at more than half throttle.

CAUSE

Excess grease applied at the spline of the clutch may spatter to the clutch disk causing temporary lower friction and slippage.

MASS PRODUCTION CHANGE

Grease application process has been changed.

SUBJECT VIN & PRODUCTION DATE (Range)

Mazda2 (DJ)

Thailand Built

Spec.	VIN Range		Production Date Range
Europe (UK Spec.)	MMZ DJ**** **	109850 - 248851	Dec. 10, 2014 - Dec. 27, 2016

Mexico Built

Europe (L.H.D.)	3MD DJ**** **	114825 - 154179	Apr. 30, 2015 - Oct. 10, 2016
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Mazda3 (BM)

Japan Built

Spec.	VIN Range		Production Date Range
Europe (L.H.D. & UK Specs.)	JMZ BM**** **	317027 - 332250	Oct. 14, 2015 - May 19, 2016

México Built

Europe (L.H.D. Spec.)	3MZ BM**** **	138340 - 162685	Dec. 16, 2015 - Sep. 1, 2016
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Mazda3 (BN)

Japan Built

Spec.	VIN Range		Production Date Range
Europe (L.H.D. & UK Specs.)	JMZ BN**** **	500022 - 520073	May 26, 2016 - Apr. 3, 2017

México Built

Europe (L.H.D. Spec.)	3MZ BN**** **	300018 - 300248	Sep. 22, 2016 - Oct. 10, 2016
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CX-3 (DK)

Japan Built

Spec.	VIN Range		Production Date Range
Europe (L.H.D. Spec.)	JMZ DK**** **	100043 - 192448 300678 - 315725	Feb. 10, 2015 - Dec. 24, 2016 Jan. 10, 2017 - Apr. 3, 2017
Europe (UK Spec.)	JMZ DK**** **	100062 - 152401	Feb. 11, 2015 - Feb. 29, 2016

Thailand Built

Europe (UK Spec.)	MMZ DK**** **	109099 - 138135 200266 - 204468	Mar. 15, 2016 - Feb. 10, 2017 Feb. 22, 2017 - May 4, 2017
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REPAIR PROCEDURE

Replace the clutch disk and the clutch cover according to the workshop manual "CLUTCH UNIT REMOVAL/INSTALLATION [C66M-R, C66MX-R]".

For application procedure of grease, refer to the workshop manual or Service Information E020/16.

NOTE: Degrease the pressure plate of the clutch disk and friction surface of the flywheel.

PARTS INFORMATION

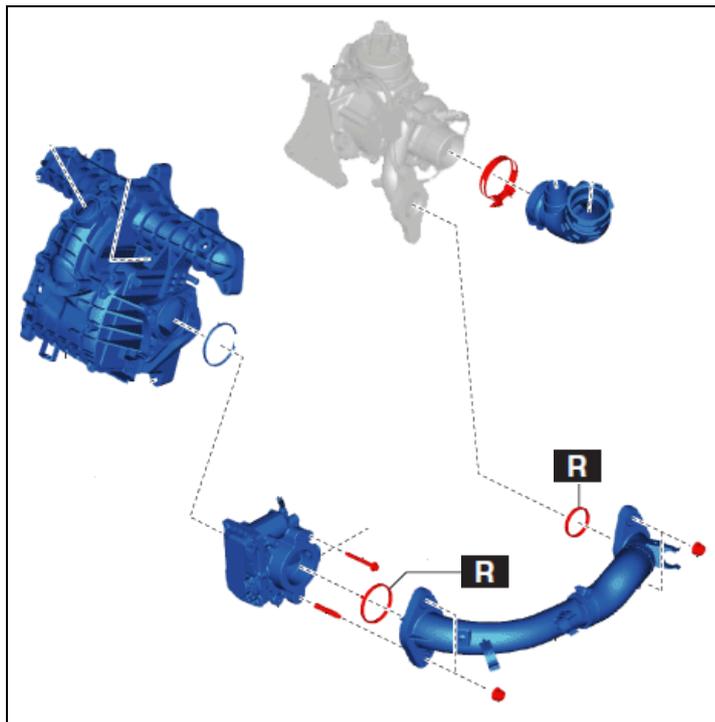
Part Number	Description	Qty.	Remark
S550-16-460	DISC,CLUTCH	1	Mazda2
S551-16-460	DISC,CLUTCH	1	Mazda3, CX-3 (2WD)
S552-16-460	DISC,CLUTCH	1	CX-3 (4WD)
S550-16-410	COVER,CLUTCH	1	

Non-reusable Parts

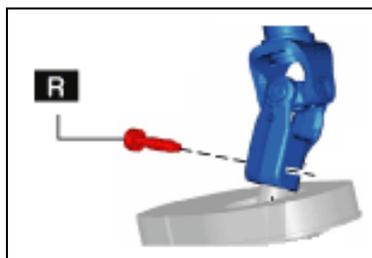
Part Number	Description	Qty.	Remark
S5Y1-13-283	RING,'O'	1	for turbocharger air outlet pipe
S5Y1-13-253	RING,'O'	1	for turbocharger air outlet pipe
B455-32-099B	BOLT,SHAFT	1	Joint Bolt A (Lower), Intermediate shaft
T060-26-169A	PIN,SNAP	2	for Tie-rod End
D651-33-042A	NUT	2	for Drive Shaft
G003-25-421	CLIP	1	for Drive Shaft (LH) [Mazda2]
H010-25-421A	CLIP	1	for Drive Shaft (LH) [Mazda3, CX-3]
CN01-27-397	SEAL,OIL	1	Transfer oil seal (RH) [CX-3 (4WD)]
KN01-27-398	SEAL,OIL	1	Transfer oil seal (RH) [CX-3 (4WD)]
P549-40-305	GASKET	2	for middle pipe [CX-3 (4WD)]
9994-61-000	NUT	4	for middle pipe [CX-3 (4WD)]
S550-20-306	GASKET,E.G.R. VALVE	1	for LP-EGR control valve [CX-3 (4WD)]
S551-20-306	GASKET,E.G.R. VALVE	1	for LP-EGR control valve [CX-3 (4WD)]
9956-41-800	WASHER	2	for drain plug and oil level plug
L2Y1-33-247	GREASE		for Knuckle (One tube for more than ten vehicles)
5555-MT-001	Manual transaxle oil	-	Max. 1 L for topping up
5555-CL-001	Coolant FL-22	-	Max. 2 L for topping up

Non-reusable parts location

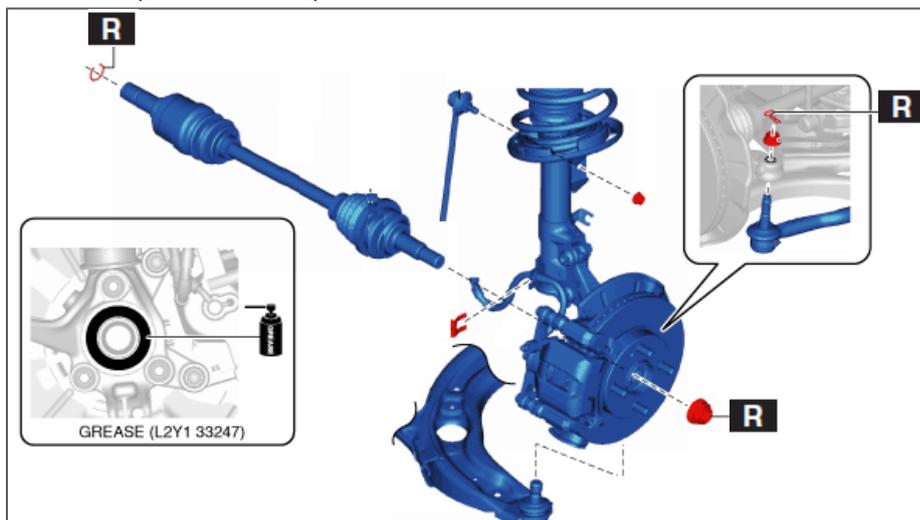
- O-Rings for Turbocharger air outlet pipe



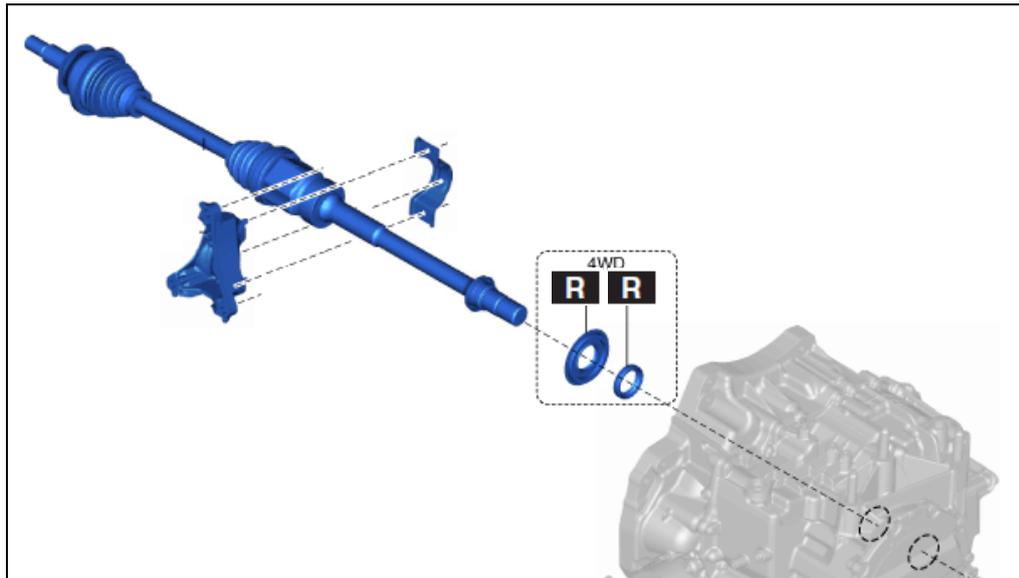
- Joint bolt A for Intermediate shaft



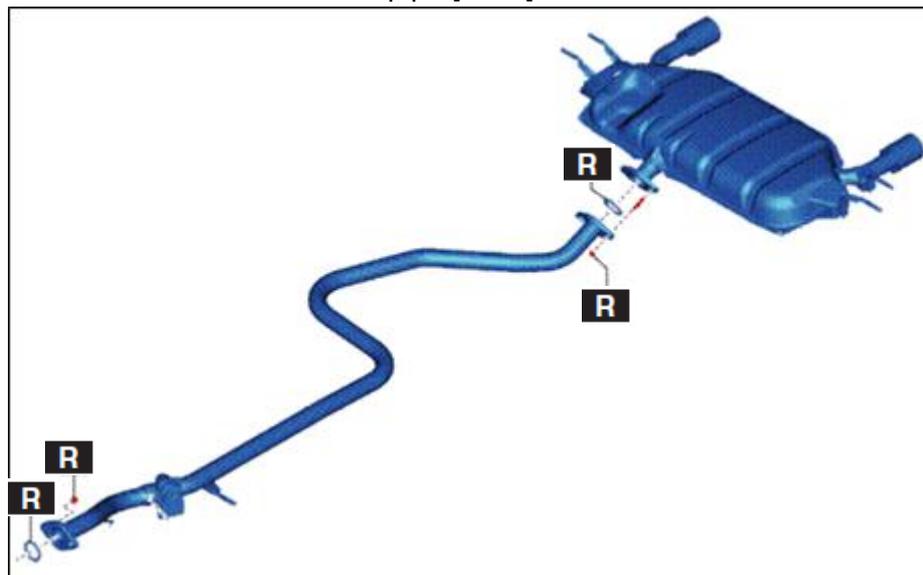
- Snap pin for Tie-rod end
- Lock nut for Driveshaft
- Clip for Drive shaft (LH)
- Grease (L2Y1-33-247) for knuckle



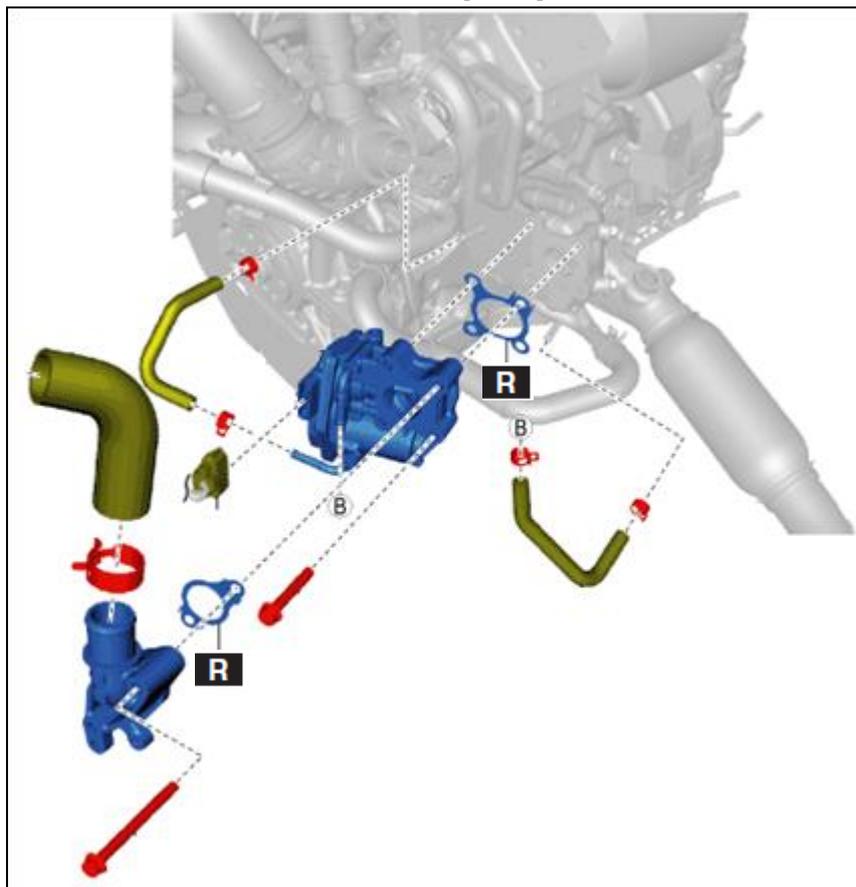
- Transfer oil seals (RH) [4WD]



- Gasket and nuts for middle pipe [4WD]



● Gaskets for LP-EGR control valve [4WD]



WARRANTY INFORMATION

Assembly group	H - Clutch	
Subassembly group	02 - CLUTCH DISC	
Symptom Code	22 (Clutch slipping)	
Damage Code	9G (Improper assembly)	
Causal Part No.	S550-16-460, S551-16-460 or S552-16-460	
Quantity	1	
Operation No. and Labor Hours	XXN6SARX / 4.1 Hrs.	Mazda2 w/o i-ELOOP
	XXN6SBRX / 4.4 Hrs.	Mazda2 with i-ELOOP
	XXN6SCRX / 3.8 Hrs.	Mazda3
	XXN6SDRX / 4.0 Hrs.	CX-3 2WD
	XXN6SERX / 5.7 Hrs.	CX-3 4WD
Period Covered	Normal Warranty Period // max. 15,000 km [9,320 mi] in service	
Prior approval necessary	NO	

NOTE: Claim non-reusable parts, manual transaxle oil (5555-MT-001; 1L maximum) and coolant (5555-CL-001; 2L maximum) as related part.

NOTE: This Service Information is not applicable for normal wear and tear maintenance repair.

Kimiaki Inooka
Manager, Technical Information Gr.
Technical Service Dept.
Mazda Motor Corporation
1F72044857 (MC Internal Use)