

# Service Information

Mazda Motor Corporation

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Category <b>H</b>	<b>Repair Guidance</b>	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

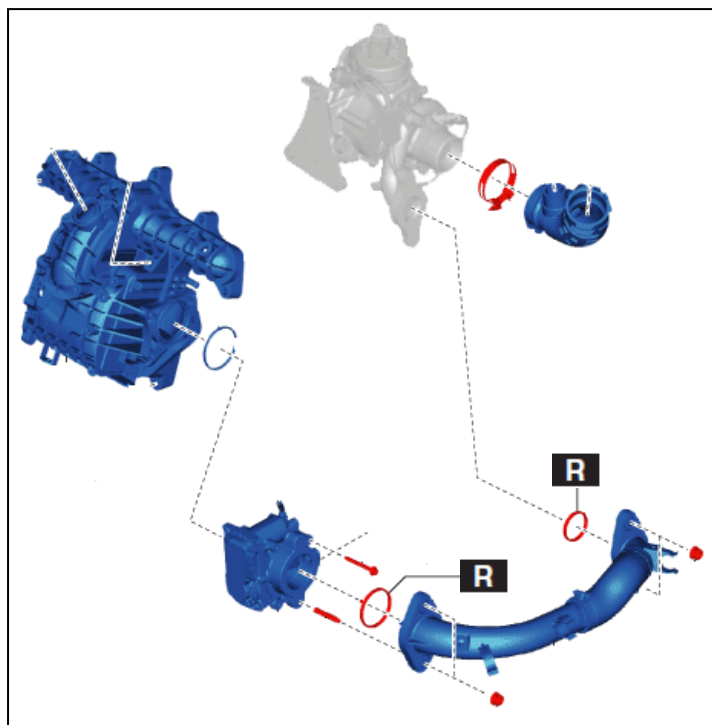
Part Number	Description	Qty.	Remark
S550-16-460	DISC,CLUTCH	1	Mazda2
S551-16-460	DISC,CLUTCH	1	Mazda3, CX-3 (2WD)
S552-16-460	DISC,CLUTCH	1	CX-3 (4WD)
S550-16-410	COVER,CLUTCH	1	

## Non-reusable Parts

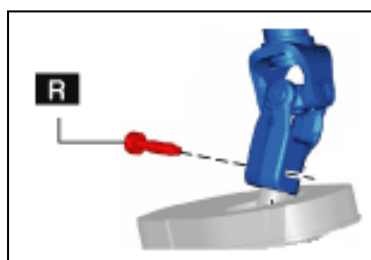
Part Number	Description	Qty.	Remark
S5Y1-13-283	RING,'O'	1	for turbocharger air outlet pipe
S5Y1-13-253	RING,'O'	1	for turbocharger air outlet pipe
B455-32-099B	BOLT,SHAFT	1	Joint Bolt A (Lower), Intermediate shaft
T060-26-169A	PIN,SNAP	2	for Tie-rod End
D651-33-042A	NUT	2	for Drive Shaft
G003-25-421	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

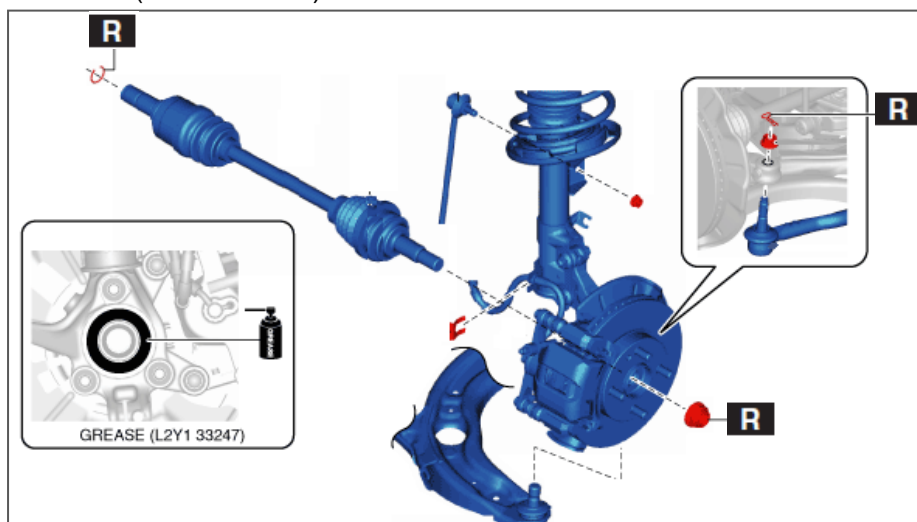
- O-Rings for Turbocharger air outlet pipe



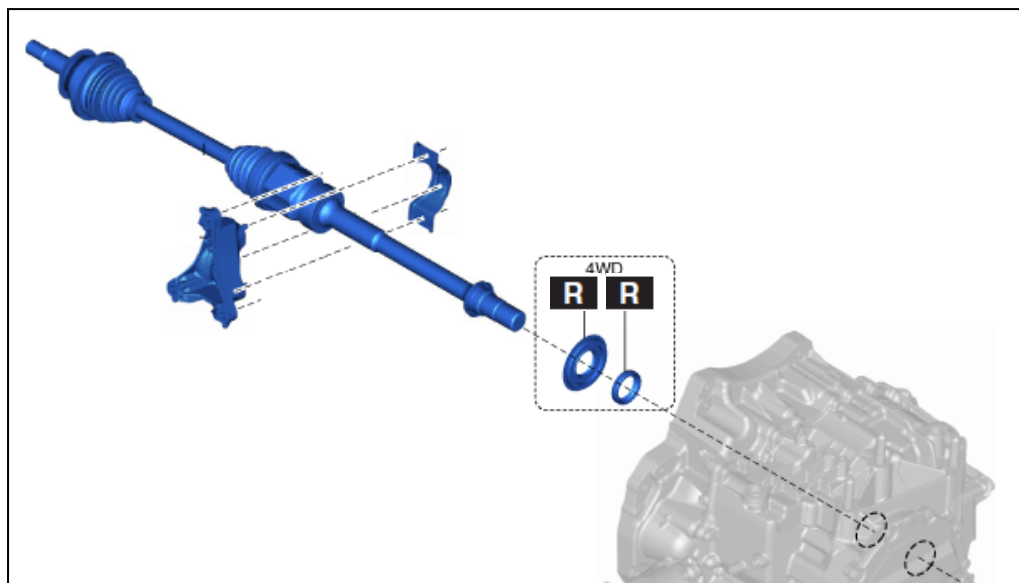
- Joint bolt A for Intermediate shaft



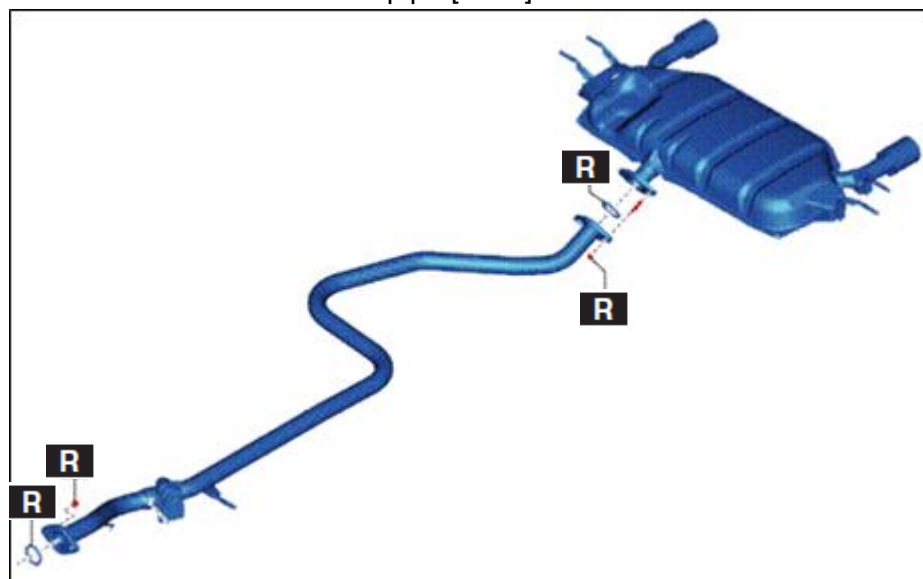
- Snap pin for Tie-rod end
- Lock nut for Driveshaft
- Clip for Drive shaft (LH)
- Grease (L2Y1-33-247) for knuckle



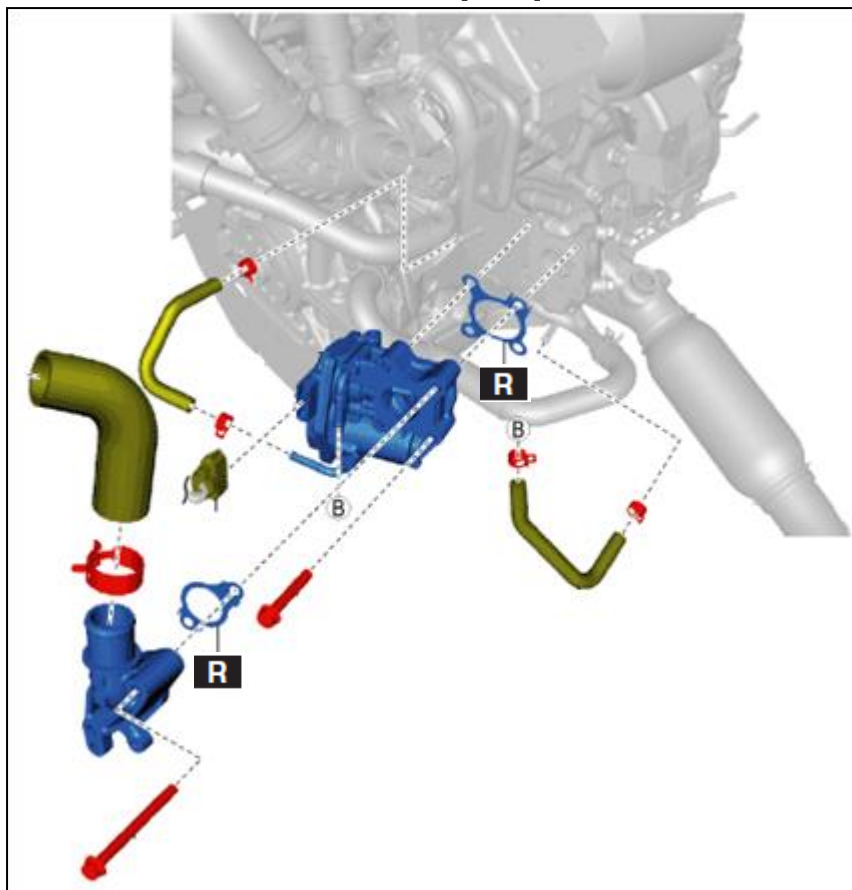
- Transfer oil seals (RH) [4WD]



- 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)