

Classification:

EC10-011

Reference:

ITB10-043

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Date:

July 16, 2010

AWD WARNING LIGHT "ON" WITH DTC C1204 AND/OR C1205 STORED

APPLIED VEHICLES: 2009 G37 Coupe and Sedan (C/V36) – with AWD
2009 FX35 and FX50 (S51) – with AWD

APPLIED VINS: G37 Coupe built before: JNKCV(*)4F(*)9M 654849
G37 Sedan built between: JNKCV(*)1F(*)9M 050001 and JNKCV(*)1F(*)9M 053415
OR
JNKCV(*)1F(*)9M 350013 and JNKCV(*)1F(*)9M 354477
FX35 built before: JNRAS(*)8W(*)9M 157520
FX50 built before: JNRBS(*)8W(*)9M 201853

APPLIED DATES: G37 Coupe built before 10-7-09 // G37 Sedan built before 3-12-09
FX35 built before 3-12-09 // FX50 built before 3-20-09

IF YOU CONFIRM

An Applied Vehicle has the AWD warning light "ON" with one or both of the following DTC codes stored:

- C1204 (AWD Solenoid)
- C1205 (AWD Actuator Relay)

ACTIONS

1. Replace the electric controlled coupling in the transfer assembly and the oil cover.

NOTE: Do not replace the entire transfer assembly for this incident, should it occur.

IMPORTANT: The purpose of ACTIONS (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure as it contains information that is essential to successfully completing this repair.

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Infiniti dealer to determine if this applies to your vehicle.

CLAIMS INFORMATION

Submit a Primary Failed Part (PP) line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
ELECTRIC COUPLING ASSY - RP	38760-1MD1A	KE071A	HC	32	(1)
TRANSFER ASSY - R&I	38760-1MD1A	KE01A1	HC	32	(1)

(1) Reference the current Infiniti Warranty Flat Rate Manual and use the indicated FRT.

EXPENSE CODE

EXPENSE CODE	DESCRIPTION	MAX AMOUNT (1)
008	Anaerobic Sealant	\$5.00

PARTS INFORMATION

DESCRIPTION	P/N	QUANTITY
Transfer Electric Coupling	38760-1MD1A	1
Oil Cover	33146-1CA0B	1
Snap Ring	33112-0W411	1
Snap Ring	00922-14200	1
Gasket	11026-1CA0A	2
Lock Nut	33143-C620A	1
Nissan Matic J *	999MP-MTJ00P	2 1/8 Pints
Anaerobic Liquid Gasket (Permatex® 51813 or equivalent)	Permatex® 51813 Anaerobic Gasket Maker ** (Local Source)	(1)

* Nissan ATF Fluid is available through the Nissan Direct Ship Chemical Care Product Program: Phone 1.800.811.0502, Fax 1.770.218.0148, Website order link via dealer portal www.NNAnet.com or order direct www.NissanChemicals.com.

** Permatex® 51813 Anaerobic Gasket Maker is available at many local auto supply stores. To find a local source, visit their website at www.permatex.com. MSDS for this product is also available at www.permatex.com

(1) Claim **only the maximum** amount indicated in the Expense claims coding information.

CAUTION: Use only Genuine NISSAN Matic J. Do not mix with other fluids. Using transmission fluid other than Genuine NISSAN Matic J, or its equivalent, may cause deterioration in drivability and transfer assembly durability, and may damage the transfer case assembly.

SERVICE PROCEDURE

1. Remove the transfer assembly from the vehicle and place it in a clean working area.
 - Refer to the **DLN** section of the applicable Electronic Service Manual (ESM) for removal information.
2. Disassemble the transfer assembly and replace the electric controlled coupling and the oil cover with the parts listed in the Parts Information section.
 - Refer to the **DLN** section of the applicable ESM for disassembly and assembly information.

Helpful tips for coupling replacement

The drive chain, front drive shaft, main shaft, and coupler assembly are removed together:

- Use a rubber mallet to tap on the rear of the main shaft, while
- pulling outward on the front drive shaft.

NOTE: Move the front drive shaft and the main shaft alternately, a little at a time.



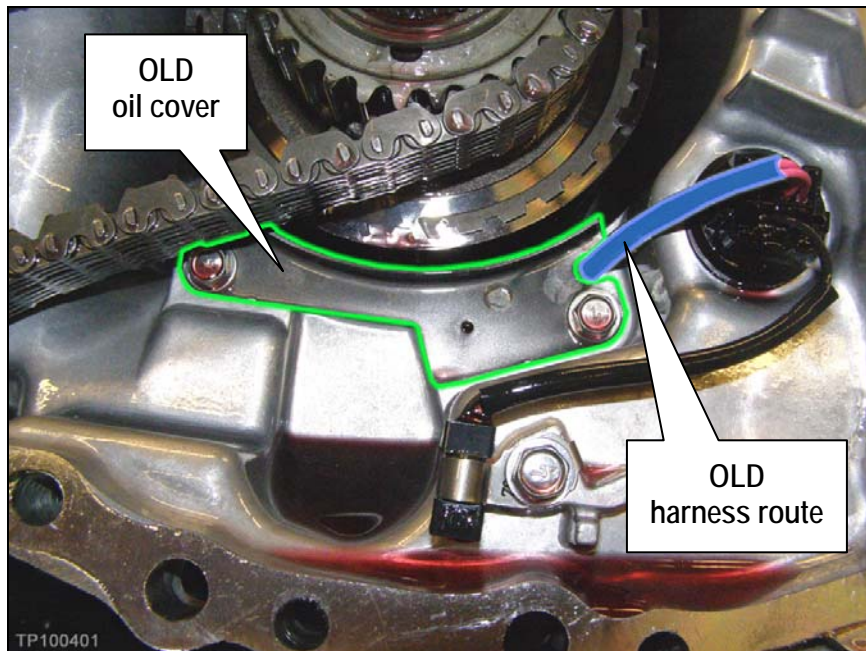
The following do not need to be disassembled/replaced as part of the coupler replacement:

- Front drive shaft (bearings and plug)
- Oil pump
- Companion flange (rear bearing, snap ring, spacer, and rear oil seal)
- Breather tube
- Front case (main shaft bearing, snap rings main shaft oil seal, front oil seal, spacer).

NOTE: Make sure to use Anaerobic Liquid Gasket to reseal (reassemble) the case. See the Parts Information section.

New harness route when using the new oil cover listed in the Parts Information section

OLD Oil Cover and Harness Route



NEW Oil Cover and Harness Route

