



RE5R05A

Torque specification:

Valve body bolts	8Nm
Oil pan bolts	8Nm

Clutch clearance:

Input Clutch	1.77-2.28mm
High Clutch	1.00-1.50mm
Direct Clutch	1.10-1.60mm
Reverse Brake	1.10-1.60mm
Forward Brake	1.00-1.30mm
Low Coast Brake	0.50-1.00mm
3 rd Sprag	Counter Clockwise Freewheel
1 st Sprag	Counter Clockwise Freewheel
Forward Sprag	Counter Clockwise Freewheel
Total end play	0.25-0.55mm

Software:

Nissan types requires new software when changing valve body and/or TCM.
This can only be done at a Nissan dealer or with OE-equipment.

Oil specifications:

Dry fill	10.30 Ltr
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Fluid specifications: Nissan Matic J ATF

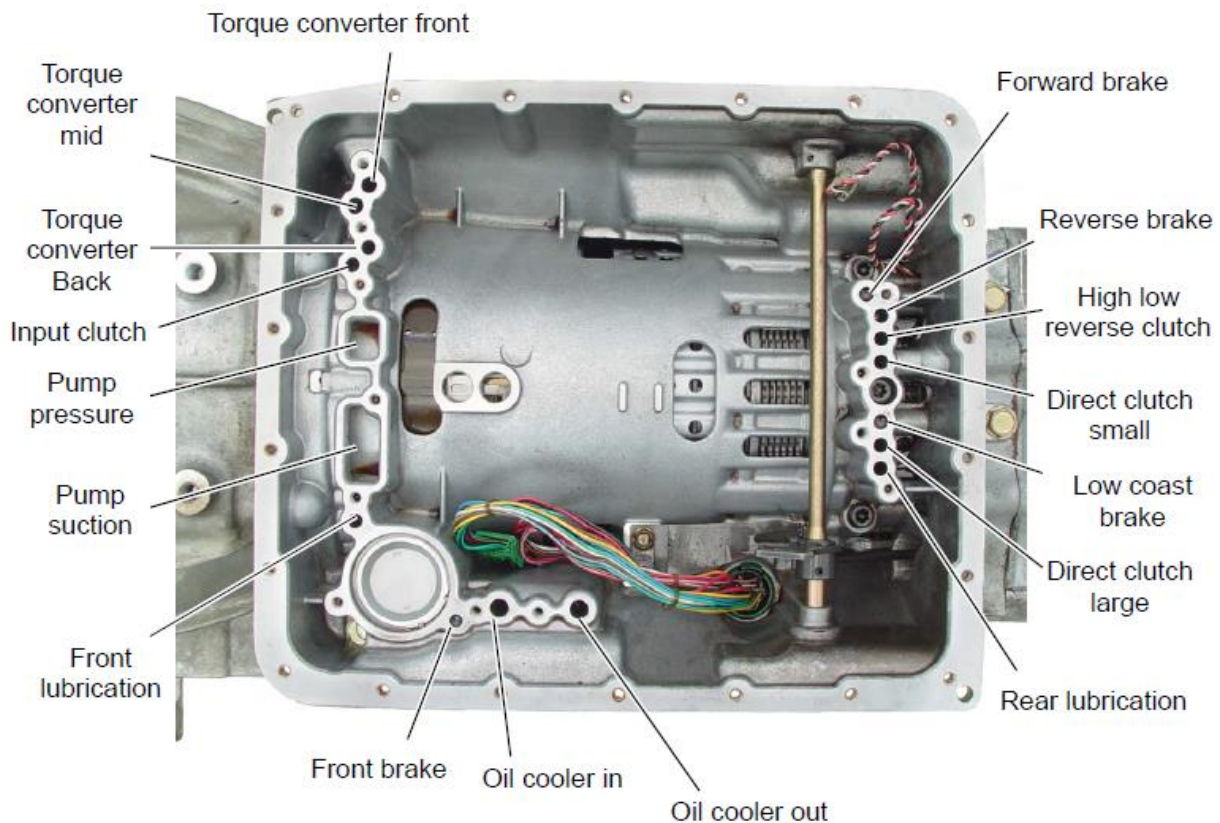


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Oil Pressure:

Drive: min 55-61psi / max 190-218psi

Reverse: min 56-65psi / max 247-274psi



Electronics:

Main Line Pressure	3-9 Ohms
TCC Solenoid	3-9 Ohms
Direct Clutch Solenoid	3-9 Ohms
Front Brake Solenoid	3-9 Ohms
Input Clutch Solenoid	3-9 Ohms
High and Low Reverse Solenoid	3-9 Ohms
Low Coast Brake Clutch Solenoid*	10-15 Ohms
Low Coast Brake Clutch Solenoid*	20-40 Ohms

(* early type Brown 10-15 Ohms, late type (Bosch/Nachi/Mitsubishi) 20-40 Ohms)



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GEAR	Int Clutch	High/Low-rev	Dir	Rev Brake	Front Band	Low Coast	Fwd Brake	1st OWC	FWD OWC	3rd OWC
P					X*					
R		X		X	X			*		*
N					X*					
1					X*		X	*	*	*
2			X		X*		X		*	*
3		X	X					**		*
4	X	X	X					**		
5	X	X			X			**		**
X=	Applied									
X*=	Not affective									
*=	Operates during progressive acceleration									
**=	Operates and effects power while coasting									

Common failures:

1. Internal leakage of coolant can cause premature transmission failure. This can also be the cause of typical fault codes on solenoids on models with the TCM on the valve body. Please be careful when removing solenoids, these can be stuck due to blown o-rings.
2. Flare while upshifting on the 3-4 shift and/or slipping in 5th after overhaul can be caused by the sealing rings on the input shaft (see figure 1. below). This can go together with the fault codes P0734 / P0735. To avoid Automatic Choice recommends to use the Transtec ones. (RE5.OHK03 / RE5.SRK01)

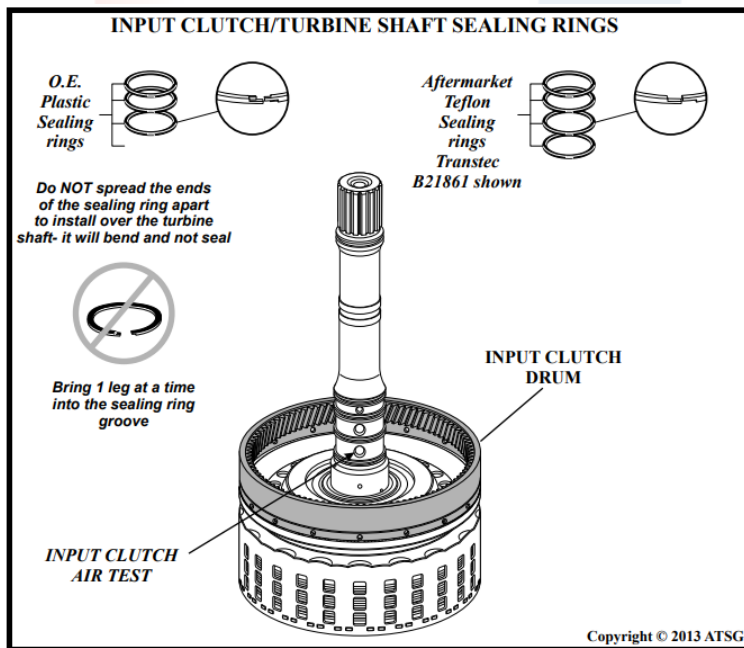


Figure 1.



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Figure 2.