

INSTALLATION INSTRUCTIONS TRANSMISSION FILTER

Nissan R35 GT-R, All

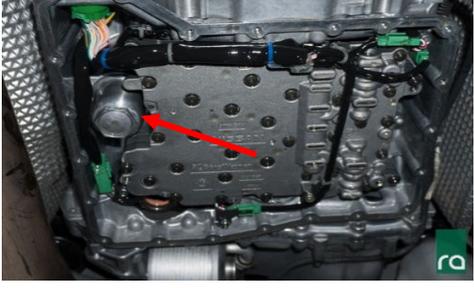
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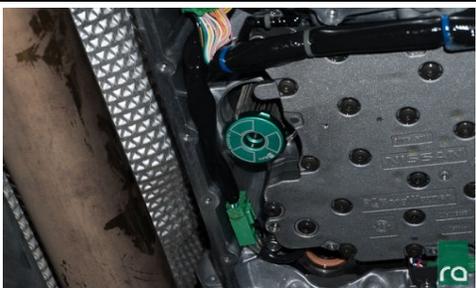
PROFESSIONAL INSTALLATION RECOMMENDED.

Before

beginning, make sure all tools and parts are on hand. Make sure car is elevated and secure. It is recommended to install the Radium transmission filter at the same time the transmission oil is serviced. Completely read all instruction steps before beginning.

If cleaning the filter, use an ultrasonic parts cleaner and solvent. Alternatively, it can also be cleaned with brake parts cleaner and some light compressed air (blown from the inside out).

STEP	TOOLS NEEDED	INSTRUCTIONS	PHOTO
1	10MM Socket	Remove the aero panel covering the transmission oil pan. Carefully keep track of fasteners. Do not drop the panel!	
	12MM Socket		
2	10MM Socket	Loosen all bolts securing the oil pan to the transmission. Use a non-marring plastic pry tool to separate the oil pan from the transmission case. Oil will begin to drain out from seam. Have an oil collection device on hand to catch the oil. Allow to fully drain before removing all bolts and taking off oil pan. NOTE: Take care not to damage the oil pan gasket, it will be reused.	
3		After the pan is removed, located the large oil pickup filter. Gently pull downward to remove it from the pickup port (o-ring seal).	
4		With the pickup filter removed, the transmission filter housing is now visible. It is the dome shaped aluminum housing with the large hex.	

5	36MM Socket	Use a ratchet and socket to loosen the oil filter housing. Firm pressure is required to keep the socket from rounding the hex. Remove the housing and drain the residual oil.	
6		Remove the filter by pulling it directly downward to unseat. Inspect the cavity where the filter was located. Note the location of the oil passage hole (shown in picture).	
7		Lubricate the O-ring on the Radium filter and insert into the filter cavity. Make sure the baffle on the filter is aligned with the oil passage hole shown in Step 6. Firmly push the filter into place.	
8	36MM Socket Torque Wrench	Clean the inside of the oil filter housing and install using the socket. Tighten to approximately 24 ft-lb.	
9	10MM Socket Torque Wrench	Install the oil pickup filter. Thoroughly clean the oil pan and gasket inside and out and reinstall. Finger tighten all oil pan bolts then begin the torque sequence. Torque each bolt to 75 in-lb in an alternating criss-cross pattern.	
10	6MM Allen Wrench	Remove the oil level indicator plug using an Allen wrench.	

11	10MM Allen Wrench	Remove the fill plug located on the FWD side of the transmission.	
12		Pump in roughly 8 to 10 qts of transmission oil. Consult with your Nissan Dealer or specialized GT-R service shop on what type of oil to use. Stop filling when oil begins to come out of the indicator port on the bottom of the oil pan.	
13		Reinstall all plugs. Clean up any residual oil on the exhaust system. Start the car and make sure the transmission oil pressure is reading normal. Inspect for any leaks. If no leaks are found, reinstall the aero panel.	
		Installation is complete.	
		Filter service interval with depend on usage. Check filter every time transmission oil is changed.	