

SUITS: Holden, Hyundai, Kia & Toyota
TRANSMISSION CODES: A340E/F, A343F, A30-40LE & U340E/F

NOTE: TO AVOID PERSONAL INJURY FROM HOT OIL AND FOR MORE EFFICIENT DRAINING, IT IS RECOMMENDED TO SERVICE WHEN TRANSMISSION PAN IS WARM TO TOUCH.

FOR CLEANING USE LINT FREE CLOTH ONLY AND ENSURE WORK AREA IS CLEAN.

- 1) Raise vehicle making sure it is supported safely.
- 2) Clean all dirt from around the transmission oil pan and case.
- 3) Place drain tray under the transmission.
- 4) If the pan does not have a drain plug, hold it in place with one hand and remove the front and side bolts, loosening the rear bolts enough so they still support the pan. Gently tap the oil pan with a rubber hammer to loosen it.
- 5) Lower the front of the pan and drain the fluid into the drain tray whilst still supporting it with one hand.
- 6) Remove the rear bolts of the pan and lower the pan carefully as it will contain some oil.
- 7) The oil filter is bolted to the valve body by 4 bolts, remove these bolts and old transmission filter.
- 8) Clean the transmission pan, including the magnet and also the surface where the gasket sits, thoroughly and dry with compressed air. The surface must be clean of any old gasket pieces.
- 9) Fit the new filter to the valve body and tighten the bolts to 10 Nm.
- 10) Check the magnet is properly located in the dimple inside the now cleaned pan.
- 11) Clean the transmission case gasket surface thoroughly of any old gasket that is still stuck to it by carefully scraping it off. Make sure not to score the surface. The surface needs to be as clean and dry as possible.
- 12) Place the gasket on the pan lip make sure it is not distorted and properly located to avoid any leaks. Push a couple of transmission pan bolts through the pan while gasket is attached to the pan to keep the gasket in place.
- 13) Fit the pan to the transmission case and tighten the bolts by hand starting with the corners, then utilise a torque wrench to tighten bolts up to 7-8 Nm in the sequence shown in diagram below.
 - * **Not following the recommended tightening torque and sequence may lead to transmission oil leaks and damage to the gasket. Tightening with force greater than 8 Nm can squash and crack gasket, where as not tightening enough will lead to oil leakage.**
- 14) Fill the transmission with the manufacturers recommended oil specification. The use of incorrect oil specification may cause damage or incorrect operation of the box.
- 15) Turn on the vehicle and go through and engage all gears starting with "P" and engage each gear until you reach "D" ("D2" if vehicle has it) and then back to "P" again. After this, take vehicle for drive until operating temperature of engine is reached. Recheck transmission oil level to ensure correct volume of transmission oil is in the vehicle. If more transmission oil is required, restart step 15.

TIGHTENING TORQUE FOR SCREWS = 7 to 8 Nm
TIGHTEN SCREWS IN ORDER 1 THROUGH 19
AS SHOWN IN DIAGRAM



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