



# External Transmission Oil Cooler Kit Suitable for:



**LDV T60 Dual Cab Ute with 6sp  
6L50 Automatic Transmission**

**WITH THE FOLLOWING ENGINES:  
SC28R - 2.8L Turbo Diesel**

Please read through all of the instructions carefully before proceeding. If any of the information does not appear correct or the diagrams don't match your vehicle, please contact Wholesale Automatic Transmissions on +61 3 9762 8004.

# Parts List

1 x 3/8" Oil Cooler  
Preinstalled on Bracket



5 x 14-16mm Hose  
Clamps



2.5m x 3/8" Cooler Line  
Hose with Conduit



1 x 3/8 Barbed double  
joiner



1 x Derale snap in barb  
fitting



1 x M6x20mm bolt  
1xM6 flange nut



1x M8x25mm SEMS Bolt  
1xM8 flange nut



5 x Cable Ties



Expected Installation Time: ~3 Hours

## Summary of Installation - For Experienced Fitters

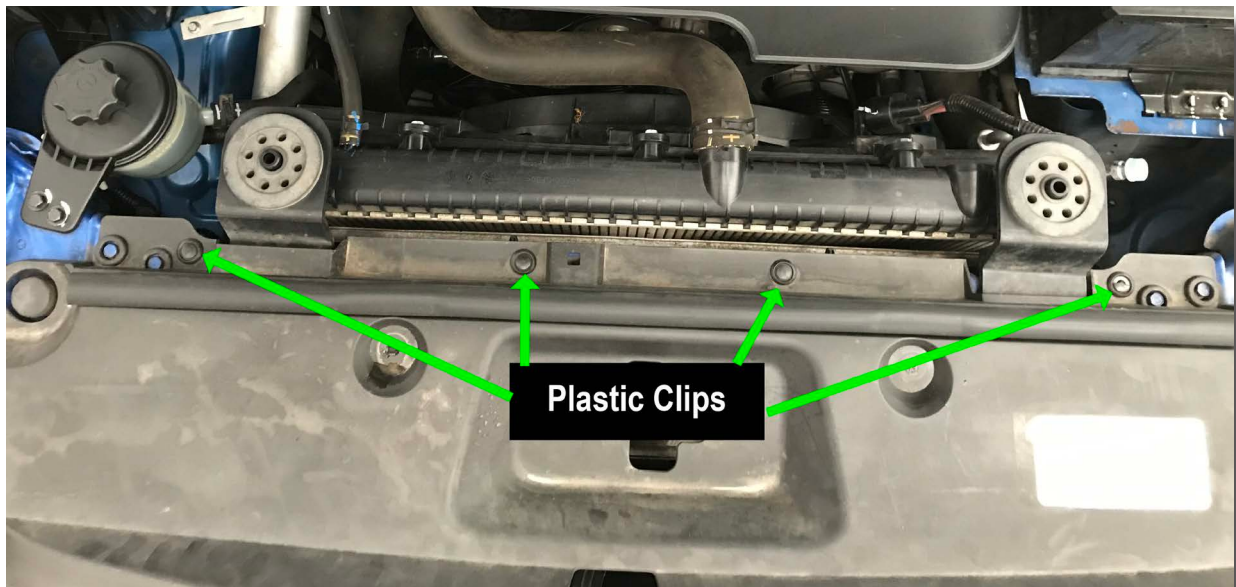
- SAFETY FIRST: Allow engine, transmission and transmission fluid to cool prior to starting work to prevent serious injury.
- Remove top plastic shroud and remove any bash plates blocking access to underneath radiator.
- Fit both ends of hose to cooler with screw clamps but don't cut hose loop.
- Remove the passenger side bolt holding the bonnet catch.
- Feed cooler and hoses into place and mount using bonnet catch bolt.
- Using M8 bolt and nut supplied fit side mounting point to radiator support bracket.
- With the M6 bolt and nut supplied fit the lower mounting point to the radiator support panel.
- Remove drivers side OEM cooler pipe from bottom of radiator and fit supplied Derale snap in fitting using OEM spring clip.
- Cut the transmission oil line just above the steel pipe and fit 10mm steel barb.
- Route cooler lines to new unions. Cut, install and secure with screw clamps. The cooler flow is bi-directional.
- Check all parts are secure and no loose items can come into contact with hot or moving parts.
- Start vehicle and check transmission fluid level. Top up if required using manufacturers recommend transmission fluid.
- Clean any transmission fluid spilled during installation. Re-install any parts removed.
- Test drive vehicle for at least 10 minutes. Check for leaks and re-check transmission oil.

## Detailed Installation Instructions

Before commencing work, please ensure that you have at least 1L of transmission fluid and to top up at the end of the job.

Note: Fluid must be pump delivered, no gravity feed option (step 19).

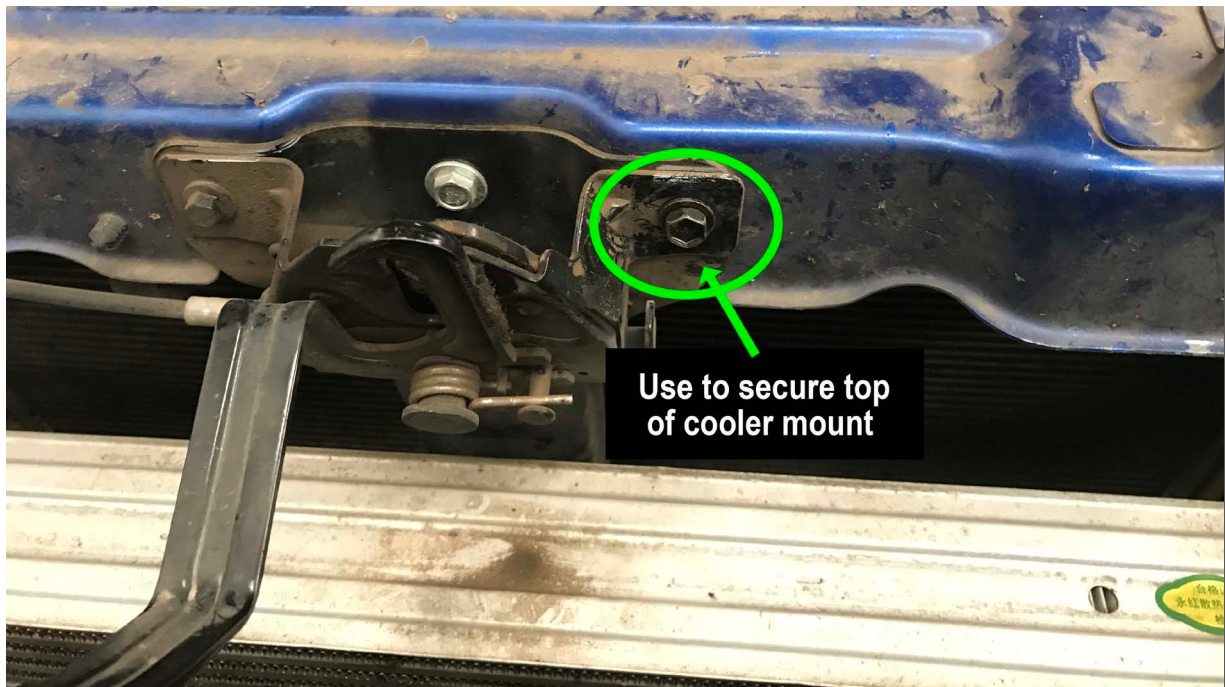
1. Open bonnet.
2. Remove any bash plates to allow access under the radiator.
3. Remove the four plastic clips and thirteen plastic tabs holding the top shroud in place and remove the shroud.



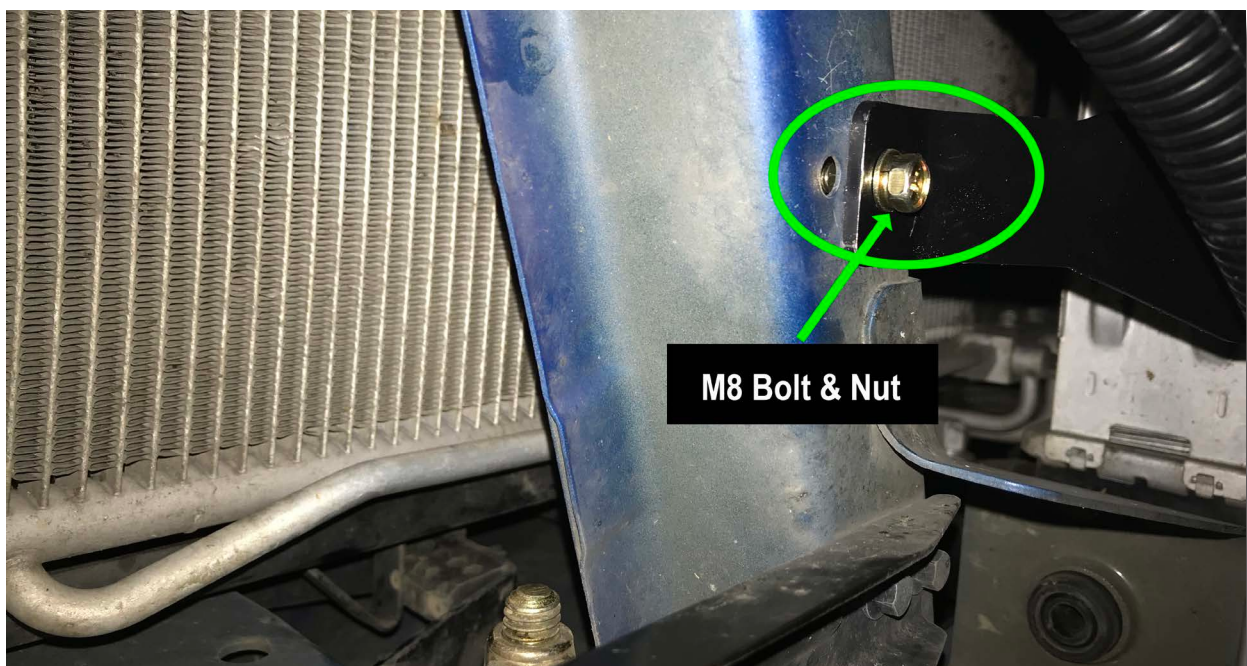
4. Connect each end of the provided cooler hose to both ends of the transmission cooler and secure with hose clamps. Do not cut the hose yet.



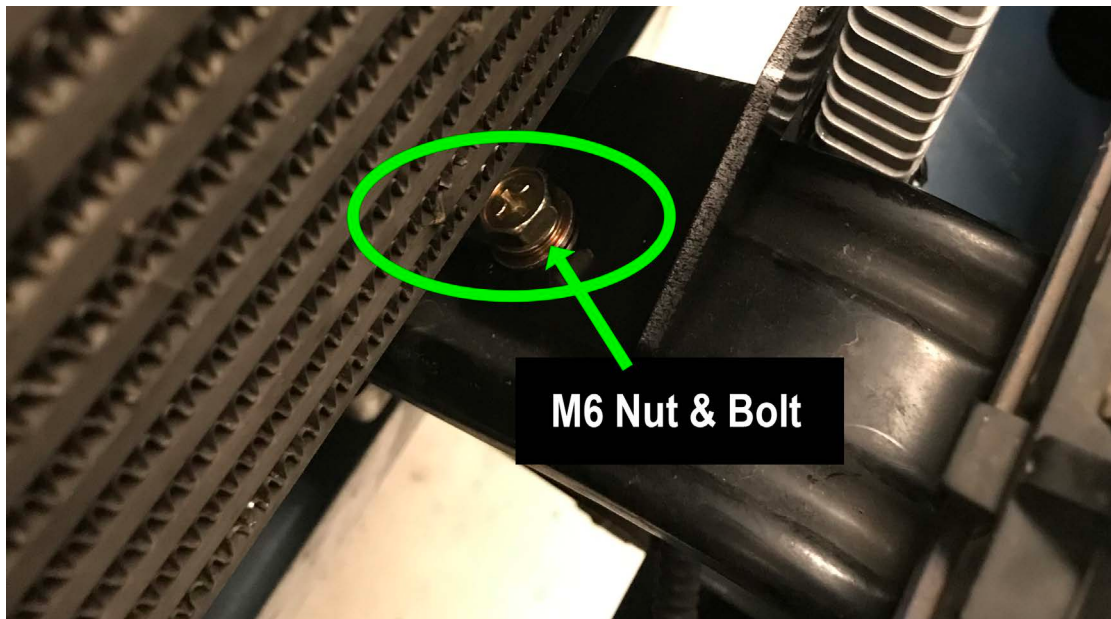
5. Remove the passenger side bolt holding the bonnet catch. Feed the cooler and hoses into place and mount using the bonnet catch bolt



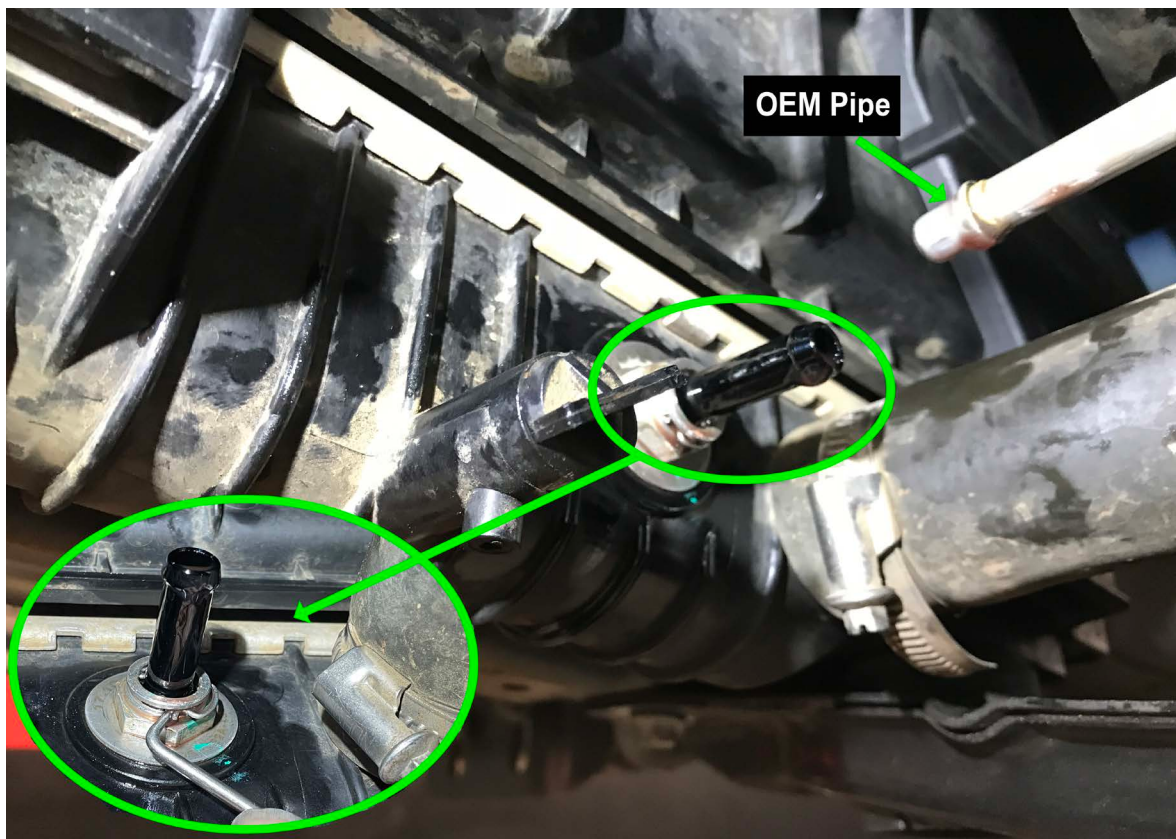
6. Using the supplied M8 bolt and nut fit the side mounting point to the radiator support bracket



7. With the M6 bolt and nut supplied fit the lower mounting point to the radiator support panel.



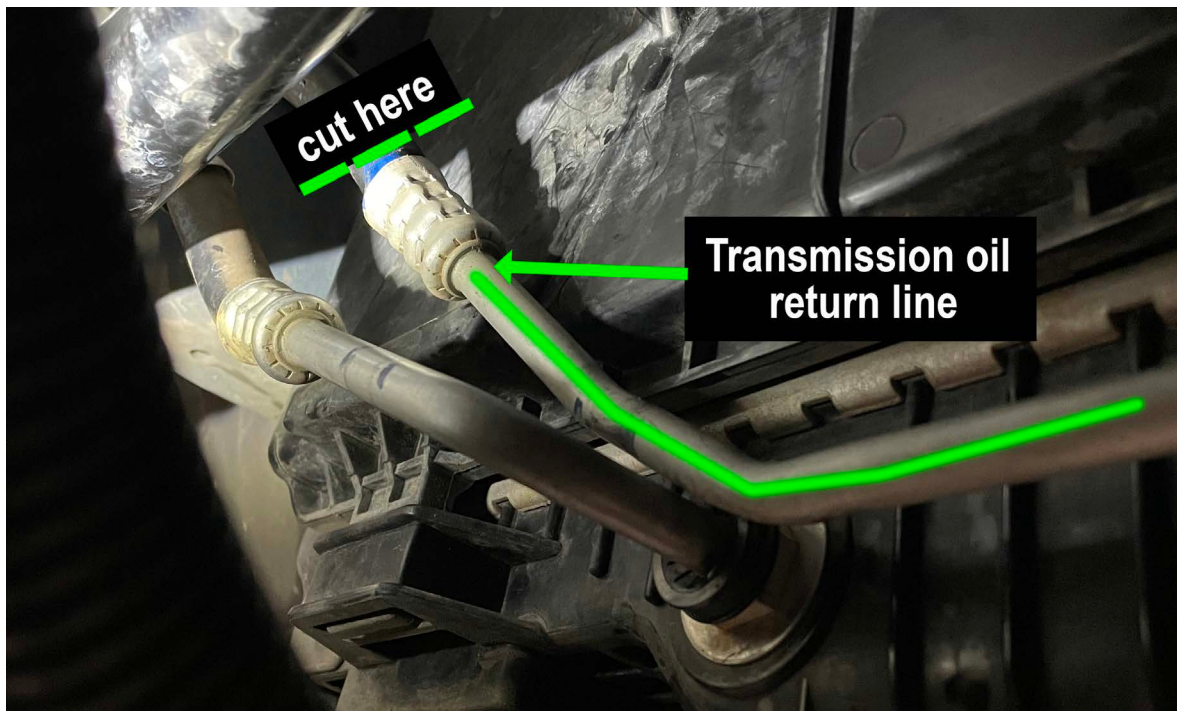
8. Remove the drivers side OEM cooler pipe from the bottom of the radiator and fit the supplied snap in fitting using the OEM spring clip.



9. Route the hose from the oil cooler under the radiator as shown. Cut the hose to length and attach it to the snap in fitting with the hose clamp provided.



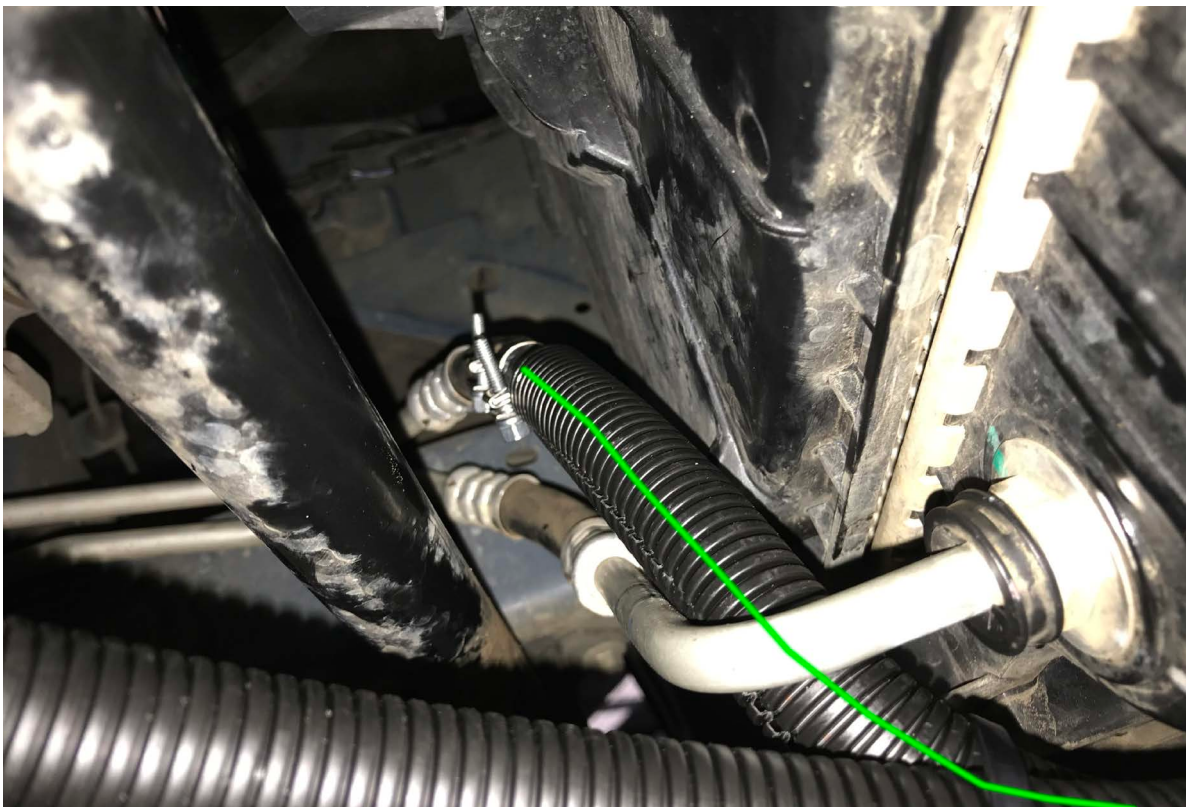
10. Cut the rubber section of the transmission oil return line just above the aluminium pipe. The OEM aluminium pipe can be discarded.



11. Fit the 10mm double barb into the factory rubber hose and secure with provided hose clamp.



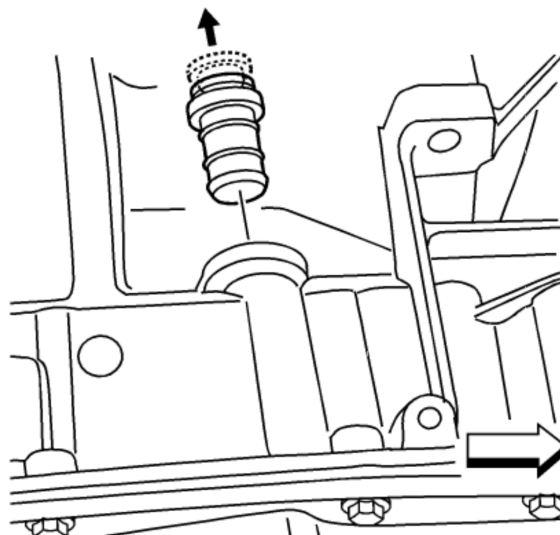
12. Route the remaining hose under the radiator as shown.



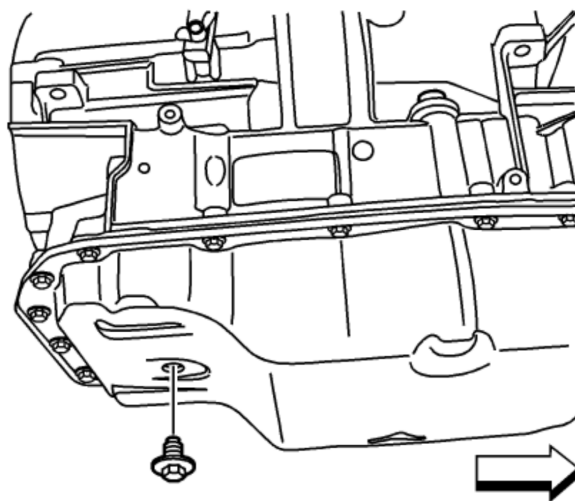
13. Trim the hose to length. Connect it to the barb and secure with the supplied hose clamp.



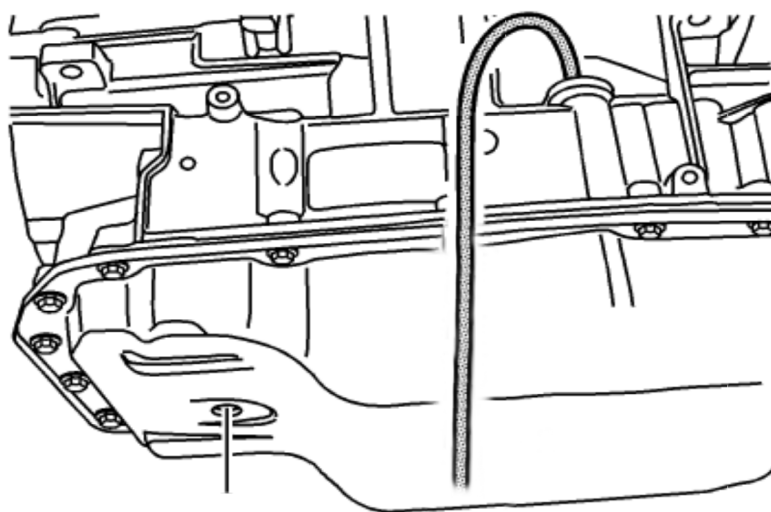
14. Ensure that hoses are secure and away from any moving engine parts.  
15. Replace bash plates and the plastic shroud.  
16. The transmission fluid level must to be topped up prior to driving the vehicle. The fluid level should always be checked with the engine running.  
17. To remove the fill plug use a pair of 90 degree bent needle nose pliers to pop up the top of the fill plug. Once the top of the plug is moved upwards you can remove the plug from the transmission by hand.



18. With engine running (for at least 30 seconds) remove the drain plug from the bottom of the transmission.



19. Pump transmission oil into the filler hole until it just starts to trickle out of the drain plug.



20. Replace both plugs, clean any transmission fluid spilled during installation.  
21. Re-install any parts removed and check for any leaks.  
22. Test drive the car until it reaches operating temperature.  
23. Repeat steps 15 to 19 to recheck fluid levels.

# This completes the installation of the Dual External Transmission Oil Cooler Kit to suit: LDV T60 Dual Cab Ute with GM 6L50 Automatic

Please remember ALL automatic transmissions have a service interval of  
2 years or 40,000km to improve the longevity of the transmission.

## Please Provide us with Feedback

If you have a minute to provide us with some feedback about your experience with Wholesale Automatic Transmissions and our products, that would be greatly appreciated.

Using your smart phone or device's camera app, point at the QR code below to take you straight to our feedback page for you to choose the most appropriate feedback method.

