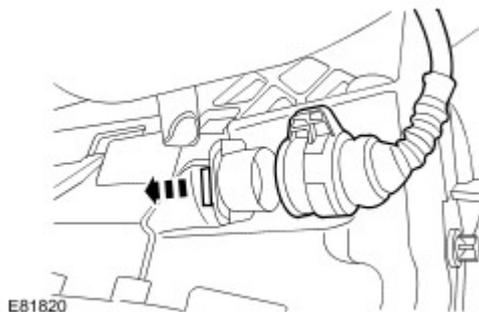




23 . Disconnect connector from transmission housing.



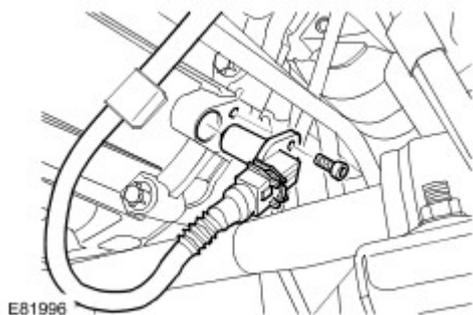
24 . Release clips securing HO2 sensor leads to transfer box.

25 . Remove nut securing selector lever to transmission selector shaft, and release lever.

26 . Remove two bolts securing selector cable support bracket to transmission, and tie cable aside.



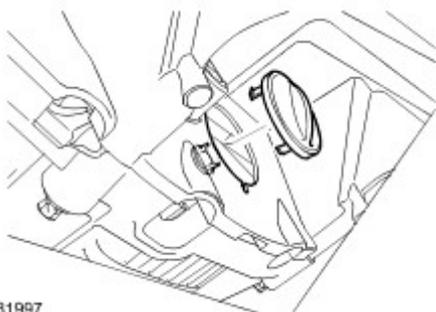
27 . Remove bolt securing crankshaft sensor, remove sensor and position aside.



28 . Release right-hand oxygen sensor harness from transmission casing.

29 . Remove undertray.

30 . Remove grommet from bell housing to gain access to torque converter retaining bolts.



31 . Rotate crankshaft for access, and remove four bolts securing drive plate to torque converter.

- 32 . Remove two bolts securing starter motor and tie aside.



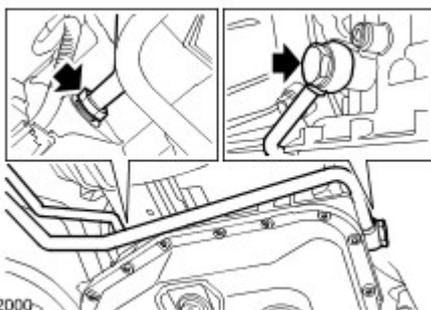
- 33 . Remove bolt securing fluid cooler saddle clamp to sump.



- 34 . Position container beneath transmission to catch fluid loss.

- 35 .  **CAUTION: Always install plugs to open connections to prevent contamination.**

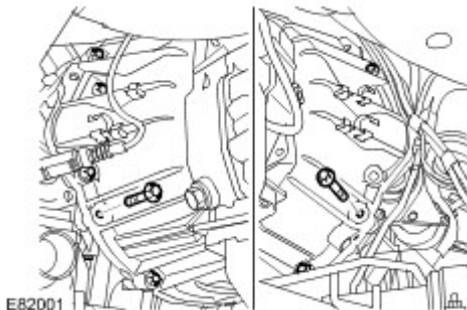
Remove banjo bolt securing fluid cooler pipe to left-hand side of transmission, and discard sealing washers.



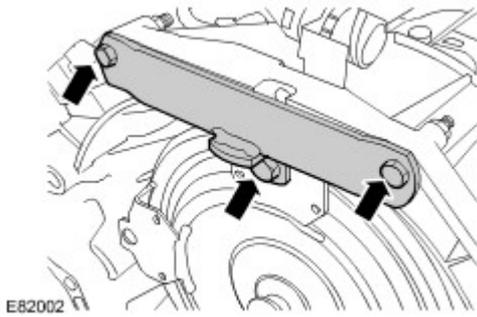
- 36 .  **CAUTION: Always install plugs to open connections to prevent contamination.**

Release fluid cooler pipe from right-hand side of transmission, and discard O-ring.

- 37 . Remove the container.
- 38 . Remove eight Torx bolts from bell housing.



- 39 . With assistance, carefully remove the transmission from the engine. Ensure the torque converter remains with the transmission.
- 40 . Install converter retaining plate and secure with bolts.



Install

- 41 . Clean mounting and mating faces.
- 42 . Remove torque converter retaining plate.
- 43 . With assistance, carefully install transmission to engine. Ensure engagement of torque converter spigot and transmission housing onto dowels.
- 44 . Install eight Torx bolts securing automatic transmission to engine, tighten to 45 Nm.
- 45 . Clean fluid cooler pipes unions and mating faces.
- 46 . Position fluid cooler pipe to left-hand side of transmission.
- 47 . **NOTE:** Remove plugs from open connections.

Lubricate fluid cooler sealing washers with transmission fluid, install banjo bolt to transmission and tighten to 37 Nm.

- 48 . **NOTE:** Remove plugs from open connections.

Install and lubricate new O-ring to fluid cooler pipe, install pipe to transmission and tighten to 37 Nm.

- 49 . Position fluid cooler saddle clamp, install bolt and tighten to 6 Nm.
- 50 . Install starter motor and tighten bolts to 45 Nm.
- 51 . Install bolts securing drive plate to torque converter and tighten to 45 Nm.
- 52 . Install grommet to transmission bell housing.
- 53 . Install undertray.
- 54 . Install oxygen sensor leads to transmission casing.
- 55 . Clean crankshaft sensor and mating face.
- 56 . Position crankshaft sensor, install bolt and tighten to 6 Nm.
- 57 . Position selector cable support bracket to transmission, install bolts and tighten to 10 Nm.
- 58 . Install selector lever to inhibitor switch, install nut and tighten to 10 Nm.
- 59 . Install and secure HO2 sensor leads to transfer box.
- 60 . Connect connector to transmission connector.
- 61 . Connect connector to high/low shift motor.
- 62 . Install snubbers.
- 63 . Install cross member to mounting, install nut and bolt but do not tighten at this stage.
- 64 . Align cross member, install bolts and tighten to 90 Nm.
- 65 . Remove support from transmission.
- 66 . Tighten nut and bolt securing mounting to cross member to 74 Nm.
- 67 . Install front driveshaft.
- 68 . Install driveshaft to transfer box flange and align marks. Tighten Torx bolts securing driveshaft to transfer box flange to 85 Nm.
- 69 . Tighten nuts securing support bearing to body to 21 Nm.
- 70 . Install fuel tank heat shield to fuel tank and secure with screws.
- 71 . Install right-hand heat shield and secure with nuts.
- 72 . Install left-hand heat shield and secure with nuts.
- 73 . Install centre heat shield and secure with nuts.
- 74 . Lower vehicle.
- 75 . Install exhaust system.

- 76 . Install top bell housing Torx bolts and tighten to 25 Nm.
- 77 . Install and secure LH oxygen sensor lead to transmission bell housing.
- 78 . Connect inhibitor switch connector.
- 79 . Install air intake plenum.
- 80 . Connect the battery ground cable.
- 81 . Top up the transmission with fluid as necessary.