

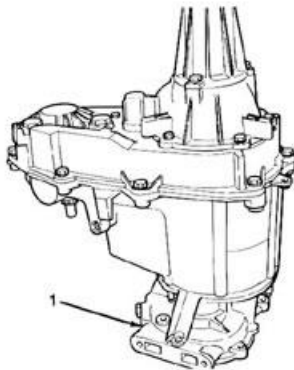


T.C. 231 TRANSFER CASE OVERHAUL



TRANSFER CASE DISASSEMBLY

NOTE: The rear extension housing (1) from a manual or automatic transmission makes a convenient support stand for the transfer case. The housing can be used for all disassembly/assembly operations.



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Remove the fill and drain plugs.

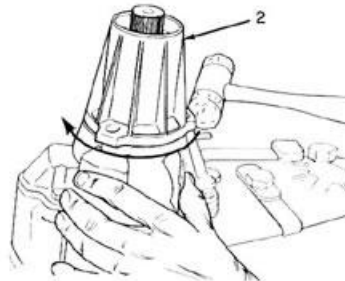
Remove the front yoke. Discard the yoke seal washer and nut. They are not reusable.

Move the transfer case range lever all the way rearward to the four-wheel low position.

Remove the extension housing attaching bolts.

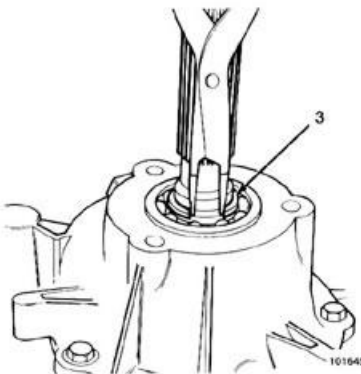
Tap the extension housing (2) in a clockwise direction with a rawhide mallet to break the sealer bead. Then remove the housing.

CAUTION: To avoid damaging the sealing surfaces of the extension housing and rear retainer, do not attempt to pry or wedge the housing off the retainer.



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Remove the rear bearing snap ring (3) from the mainshaft. Discard the snap ring.



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Remove the rear retainer attaching bolts.



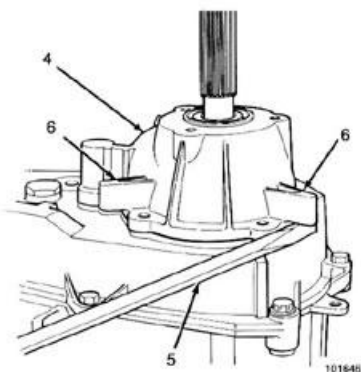
T.C. 231 TRANSFER CASE

OVERHAUL



Remove the rear retainer (4). Position a screwdriver (5) under each of the tabs (6) on the retainer housing. Then carefully pry the retainer upward and off the rear case.

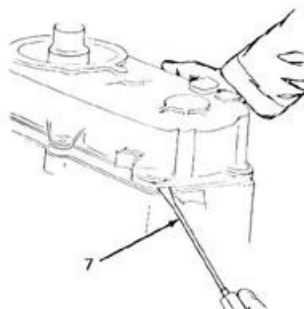
CAUTION: Do not pry against the sealing surfaces of the retainer or rear case. The surfaces could be damaged.



Remove the bolts attaching the rear case to the front case. Retain the bolts and the washers used at the dowel bolt locations.

Separate the rear case from the front case using two screwdrivers (7). Insert the screwdrivers into the slots cast in the case ends. Then gently pry upward to break the sealer bead and separate the case halves.

CAUTION: Do not pry against the sealing surfaces of the retainer or rear case. The surfaces could be damaged.



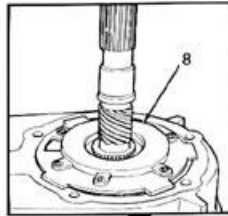
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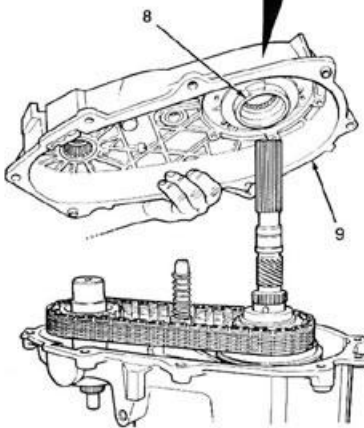
T.C. 231 TRANSFER CASE OVERHAUL



Remove the oil pump (8) and rear case (9) as an assembly.

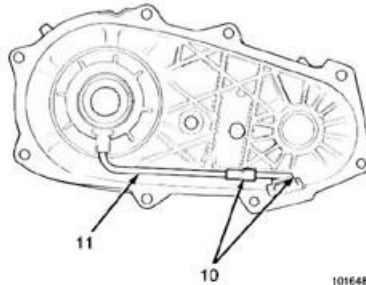


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Slide the oil pickup screen (10) out of the case pocket. Disconnect the screen from the pickup tube (11).

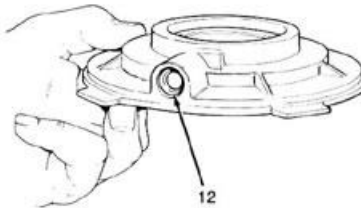


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Remove the pickup tube (11) from the oil pump.

Remove the oil pump from the rear case.

Remove the pickup tube O-ring (12) from the oil pump (10). Discard the O-ring.



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