



FORD EXCHANGE ACCUMULATOR BODY

1999 – 2002 4R100

1989 – 1997 E40D

Part # 1060442 2wd

1060444 4wd

Installation Manual

(Manual Part# I1060442)



Quicker Shifts - Less Heat - Reduced wear on Clutches

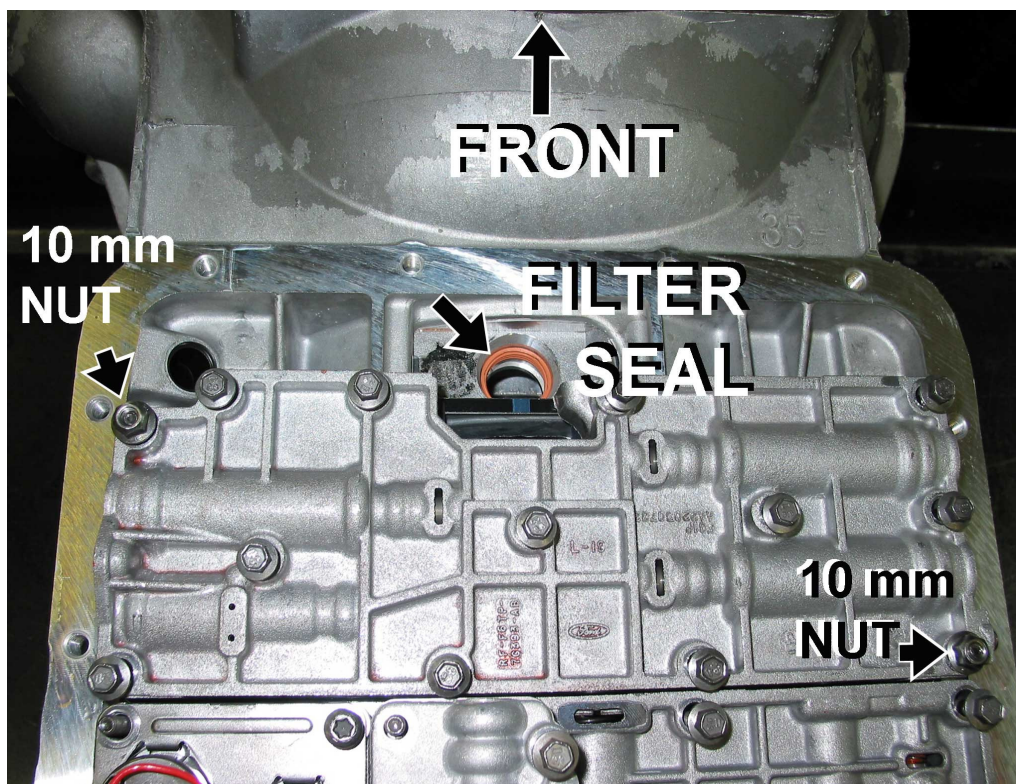
- **Accumulator Body** lapped to ensure the sealing surface is flat.
- **Re-Sized Switch Valve Bores** prevents valves from sticking, which has become a common complaint.
- **Steel Line Mod Valve with O Ring** replaces stock Aluminum Valve
- **Valve Size Increased** which provides faster oil delivery to the Clutch Plates
- **Increased Accumulator Springs** from one to three, with different rate and length to provide firmer shifts under load with NO harsh shifts at low speed.

Kit Contents:

- 1 – 1600037 Accumulator Body
- 2 – 1600038 Shim 0.100
- 2 – 1600039 Shim 0.200
- 1 – 37170X Pan Gasket
- 1 – 37600 Filter (1060442 2wd kit only)
- 1 – 37601 Filter (1060444 4wd kit only)

INSTALLATION INSTRUCTIONS

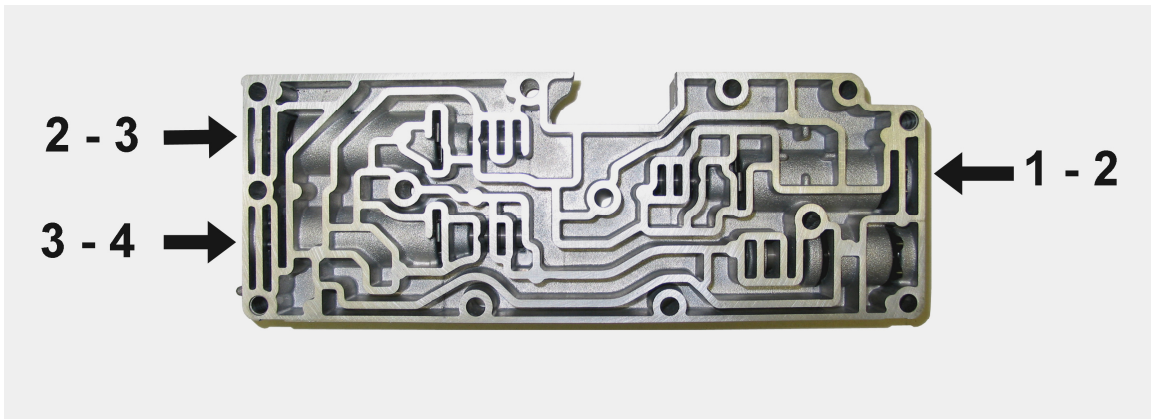
- 1) Remove Transmission Dip Stick
- 2) Raise the Vehicle on a Hoist
- 3) Drain Transmission (If equipped with a Drain Plug) and remove Transmission Pan
- 4) Remove Transmission Filter, pull down gently and twist to remove from the Transmission.



- 5) Remove Filter Seal from Bore in Pump
- 6) Remove 2-10 mm nuts & 11-8mm bolts holding the Accumulator Body and remove Accumulator Body carefully.
CAUTION: If there is damage to the gasket, you will have to replace the entire valve body gasket.
- 7) Install BD Exchange Accumulator Body and tighten 11-bolts and 2-nuts to 10 ft. lbs.
- 8) Install new Filter (with new seal), Pan & Drain Plug (if equipped) and torque Transmission Pan bolts to 10–12 ft. lbs.
- 9) Re-fill the Transmission with Mercron III on 1989-1997 E4OD Models or Mercron V on 1997- 2002 4R100 Models through dipstick tube and insert dipstick.

FIRMER / SOFTER SHIFTING ADJUSTMENTS

The Accumulator Body can be adjusted to give firmer or softer shifts for any of the shifts (1-2, 2-3, 3-4). To do this, the Accumulator Body will have to be removed from the transmission and shims added or springs taken out of the appropriate accumulator port for the desired shift you wish to change. Each time you remove the Accumulator Body, care must be taken not to damage the gasket under the body, filter seal removed and a new filter (with new seal) & pan gasket be used.



Firmer Shifts

- Remove Clip and Plug from Accumulator to be changed
- Install 0.100 Shim (Slightly Firmer Shifts)
- Install 0.200 Shim (Firmer Shifts)

Softer Shifts

- Remove Shortest Spring for Softer Shifts on 1-2 or 3-4 Shifts

These adjustments are based upon the configuration of the Accumulator Body as it was shipped. Make note of any shims added to or springs removed from each accumulator for any future adjustments or technical support.

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