



Technical Service Information

DAIMLER/CHRYSLER 40TE, 41TE, 42LE, 42RLE, 45RFE & 545RFE NEW BONDED PISTONS

CHANGE: At the start of production for the 2004 model year the 40TE (new for 2004, light duty) 41TE, 42LE and the 42RLE transmissions are built using bonded molded rubber clutch pistons for the Low/Reverse and 2-4 clutch assemblies. In addition the Low/Reverse Accumulator Cover is of the bonded type. The Low/Reverse, 2-4, Underdrive and Overdrive accumulator pistons for the front drive models are also of the bonded type of piston which will also service the 45RFE and 545RFE rear drive transmissions.

REASON: Less expensive to manufacture.

PARTS AFFECTED:

- (1) The 2-4 piston has gone from aluminum, requiring individual lip seals to bonded molded rubber, (Refer to Figure 1). The 2-4 piston comes with the 2-4 retainer, but the retainer is unchanged.
- (2) The Low/Reverse piston has changed from the aluminum type requiring individual lip seals to the bonded molded rubber type, (Refer to Figure 2). NOTE: The Low Reverse piston retainer has the orifice screen installed into it, as it was eliminated from the piston, and must be used with the new bonded piston.
- (3) The Low/Reverse, 2-4, Underdrive and Overdrive accumulator pistons have changed from the aluminum and plastic type requiring individual seals to the bonded molded rubber type, (Refer to Figure 3).
- (4) The low/reverse accumulator cover has also changed from the aluminum type requiring and individual o-ring seal to the bonded molded rubber type.

INTERCHANGEABILITY:

All components listed above will back service any of the above mentioned transmissions.

SERVICE INFORMATION:

Low/Reverse Bonded Piston for 40TE.....4800235AA
Low/Reverse Bonded Piston for 41TE, 42LE and 42RLE.....4800256AA
2-4 Bonded Piston for 40TE.....4000234AA
2-4 Bonded Piston for 41TE, 42LE and 42RLE.....4800257AA
Low/Reverse, 2-4 Underdrive and Overdrive Bonded Accumulator Pistons for
40TE, 41TE, 42LE, 42RLE, 45RFE and 545RFE.....4446620AC
Low/Reverse Accumulator Cover for 40TE, 41TE and 42LE.....4431617AB

NEW BONDED PISTONS

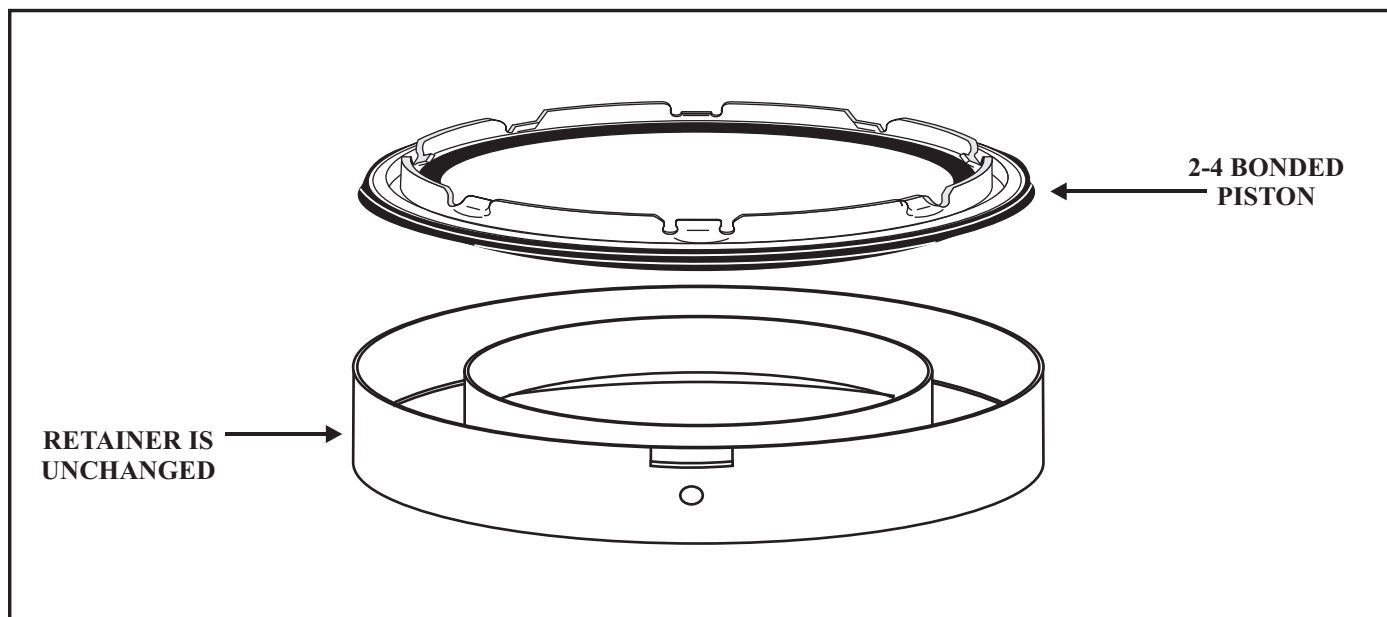


Figure 1

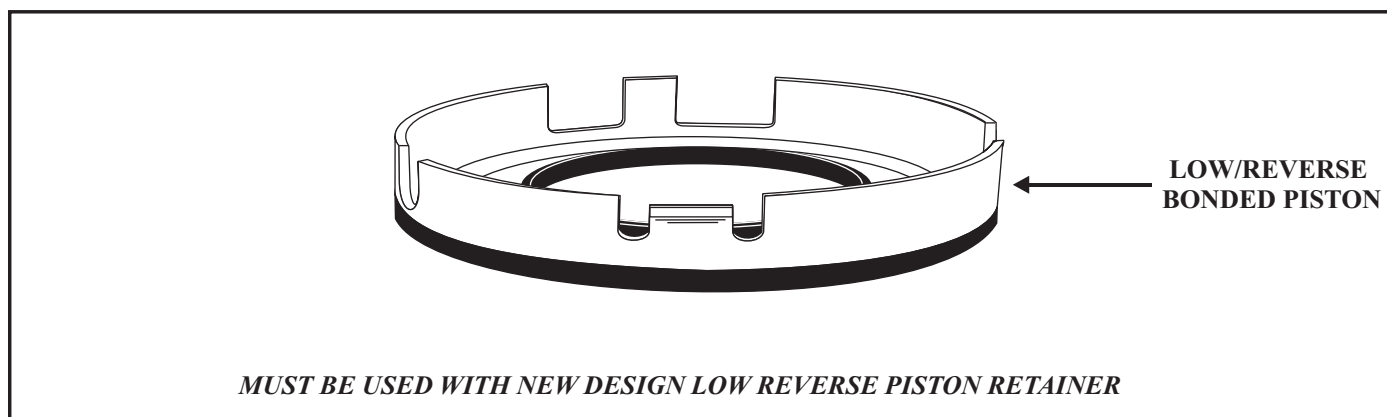


Figure 2

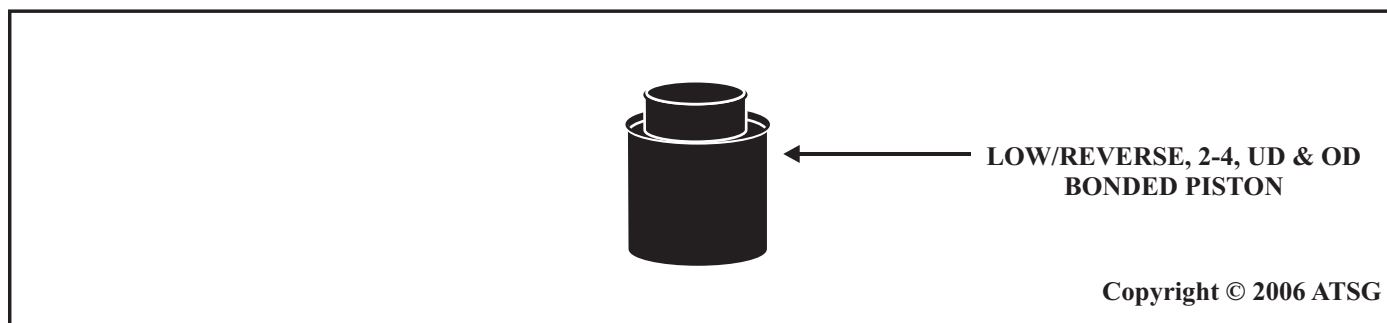


Figure 3

Copyright © 2006 ATSG