

Technical Service Bulletin



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TRANSMISSION

Delayed
2-3 Upshift
A904-LA
Transmission

If you encounter a delayed light throttle 2-3 upshift on a 1971 A904-LA transmission with a 318 C.I.D. engine it may be caused by low front clutch pressure resulting from leakage past the front clutch inner seal lip Part No. 1942396. This condition may not be apparent when lift foot 2-3 upshifts are made or the transmission is cold. The following procedure will aid in diagnosing and correcting this condition.

1. Check transmission throttle linkage for freedom of operation and adjustment per Service Manual. Correct if required.
2. If Step 1 does not correct the delayed 2-3 upshift condition, install line pressure and front servo release pressure gages, and warm up transmission to normal operating temperature (150-200° F.).

Accelerate at light throttle. Normally the 2-3 upshift should occur in the 20-30 MPH range, and front servo release pressure should rise to approximately 60-75 psi (within 3 psi of line pressure). If front servo release pressure rises to only 17-25 psi and stays at this level until approximately 40 MPH, excessive leakage in the front clutch is indicated, causing delayed completion of the 2-3 upshift.

3. Remove and dis-assemble transmission. Inspect the front clutch inner and outer seals.
 - (a) If the outer seal is broken, replace. All other affected parts should be inspected and replaced, if necessary.
 - (b) If neither the inner seal nor the outer seal show any obvious defects, the problem may be caused by the inner seal not expanding properly against the piston bore, allowing leakage.

(Over)

MODELS: All
Equipped With
A904-LA Trans-
mission and
318 C.I.D.
Engine

P-2957-C

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Dodge



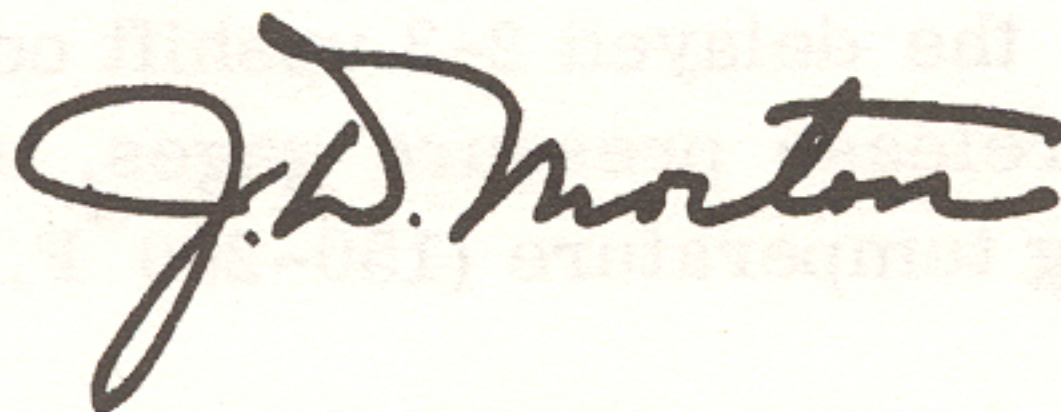
COLT/CHALLENGER/CHARGER/CORONET/DART/MONACO/POLARA

To correct this condition, replace the front clutch retainer and both the inner and outer seals with new parts which incorporate a "short lip" seal design. The same piston can be re-used. See chart below.

<u>Parts</u>	<u>Service Package No.</u>
Front Clutch Retainer)	
Front Clutch Inner Seal)	3621476
Front Clutch Outer Seal)	

Inspect all other affected parts and replace, if necessary. Re-assemble transmission.

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