



Technical Service Information

CHRYSLER A904 SHUDDER IN REVERSE

SYMPTOM/CONDITION

Vehicle shakes during breakaway in reverse with medium to heavy throttle application (i.e. backing very slowly up a steep grade or backing up a trailer).

DIAGNOSIS

Warm vehicle to normal operating temperature. Locate a relatively steep grade (where it is safe to stop and back up). Try backing the vehicle up very slowly from a full stop. If a sufficiently steep grade is not available, move the vehicle to an open, flat, paved area where it is safe to stop and back up. Apply the parking brake about half way. Shift to reverse and slowly open the throttle until the vehicle just begins to move. Vehicle speed should be no more than a slow walking pace. Extreme care must be taken not to overheat the transmission during this test. Do not open the throttle more than 10 seconds at a time. Allow the transmission to cool by running at a fast idle in neutral for at least three minutes between attempts to breakaway during either of these tests, do the following repair:

PARTS REQUIRED

1986 Passenger Car Application

Fifth Avenue, Grand Fury, and Diplomat

<u>Engine</u>	<u>Transmission</u>	<u>Torque Converter</u>	<u>Part Number</u>
318 (5.2L)	A-999	Low stall/lock up	4431113

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TRANSMISSION	TORQUE CONVERTER	PART NUMBER
225 (3.7L) A-727	High stall/lock up	4431115
	High stall/non-lock up	4431117
	High stall/lock up	4431125
318 (5.2L) A-999	Low stall/lock up	4431113
318 (5.2L) A-999	High stall/lock up	4431119
318 (5.2L) A-727	Low stall/non-lock up	4431123
360 (5.9L) A-727	High stall/non-lock up	4431121
360 (5.9L) A-727	Low stall/non-lock up	4431127

This repair involves the replacement of the torque converter.

1. Check engine for any driveability problems. Low carburetor air flow, early EGR valve operation, etc. have been found to be a contributor to reverse shake in some vehicles.
2. Perform a propane adjustment and/or correct any other driveability problems that may exist with the vehicle, using the appropriate Driveability Test Procedure.
3. If correcting any driveability problems with the vehicles does not eliminate the reverse shake, then it will be necessary to replace the torque converter with a new one.
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4. Select the appropriate torque,converter for the vehicle from the parts list.
5. Replace the torque converter per the appropriate service manual instructions.
6. Road test the vehicle and check for leaks.