

Throttle Pressure

The T.V. Cable if not adjusted correctly to have enough pull during throttle up, the transmission will exhibit early shifts, with lower line pressure condition.

Results stack shifts with the potential of clutch slippage under throttle load.

Too much throttle pressure, will result in higher line pressure early, causing late shifts or potential no 4th gear up shift, at wide-open throttle, or very late 4th gear up shift.

The shifts also will feel harder, hang out longer than normal.

The RH transmission has more negative effects felt, since it still uses a mechanical governor. Both can have adverse effects, from improper adjustment of the throttle valve cable.

T.V. Cable Adjustment

THROTTLE VALVE CABLE ADJUSTMENT PROCEDURE

1. Turn ignition switch to OFF position and shift into Park.
2. Remove air cleaner.
3. Disconnect cable end from attachment stud on throttle body. Carefully slide cable off stud. Do not pull or pry cable off.
4. Verify that transmission throttle lever is in idle (full forward) position. Then be sure lever on throttle body is at curb idle position.
5. Insert a small screwdriver under edge of retaining clip and remove retaining clip.
6. Center cable end on attachment stud to within 1 mm (0.039 inch) . NOTE: Be sure that as the cable is pulled forward and centered on the throttle lever stud, the cable housing moves smoothly with the cable. Due to the angle at which the cable housing enters the spring housing, the cable housing may bind slightly and create an incorrect adjustment.
7. Install retaining clip onto cable housing.
8. Check cable adjustment. Be sure transmission throttle lever and lever on throttle body move simultaneously and as described in cable adjustment checking procedure.

CHECK PROCEDURE

1. Turn ignition key to OFF position.
2. Remove air cleaner.
3. Slide cable off attachment stud on throttle body lever (Fig. 311).
4. Verify that throttle body lever is at curb idle position. Then verify that transmission throttle lever is also at idle (full forward) position.
5. Compare position of cable end to attachment stud on throttle body lever:
 - a. Cable end and attachment stud should be aligned (or centered on one another) to within 1 mm (0.039 inch) in either direction.
 - b. If cable end and attachment stud are misaligned (off center), cable will have to be adjusted as described in following procedure.
6. Reconnect cable end to attachment stud. Then with aid of a helper, observe movement of transmission throttle lever and lever on throttle body.
 - a. If both levers move simultaneously from idle to half-throttle and back to idle position, adjustment is correct.
 - b. If transmission throttle lever moves ahead of, or lags behind throttle body lever, cable adjustment will be necessary. Or, if throttle body lever prevents transmission lever from returning to closed position, cable adjustment will be necessary.

The photo shown is a gas engine same basic adjustment bracket.

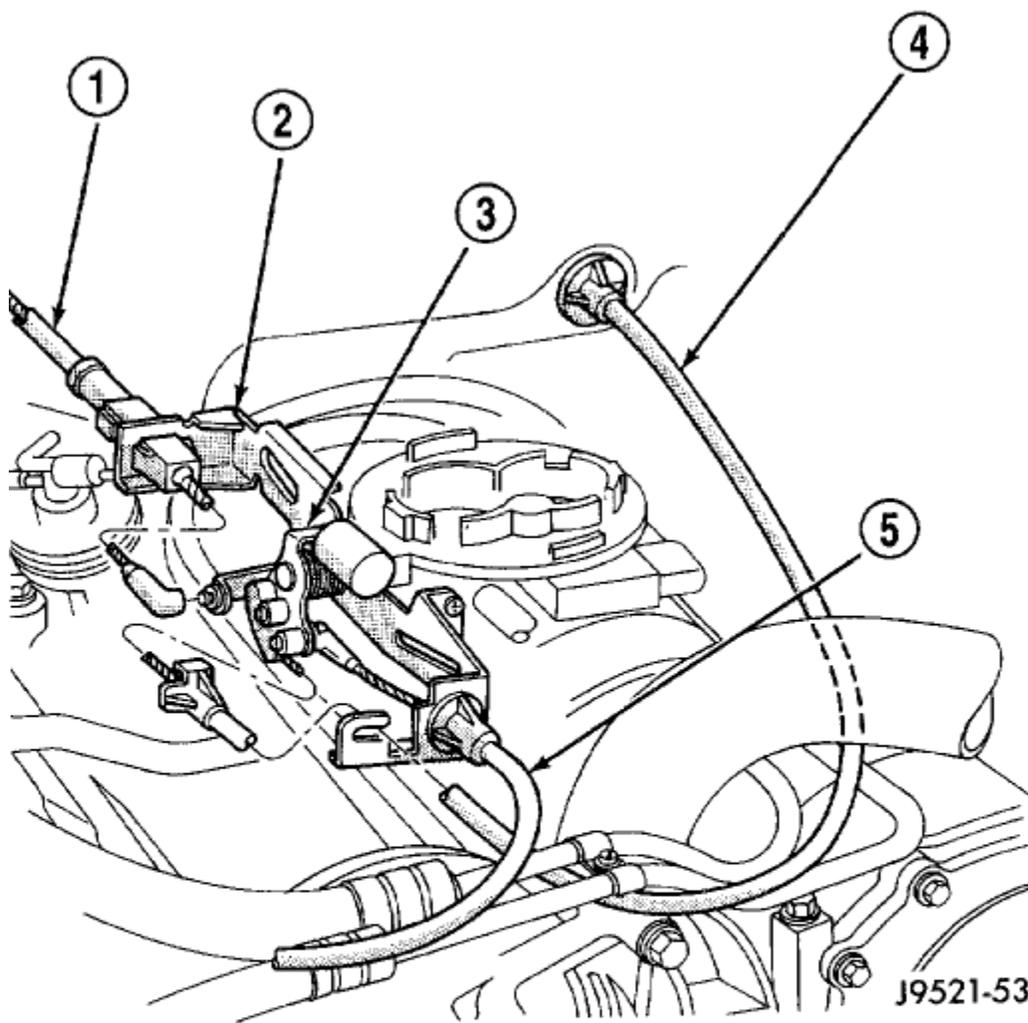


Fig. 311 Throttle Valve Cable Attachment —At Engine

- 1 - THROTTLE VALVE CABLE
 - 2 - CABLE BRACKET
 - 3 - THROTTLE BODY LEVER
 - 4 - ACCELERATOR CABLE
 - 5 - SPEED CONTROL CABLE
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