



CHEVROLET MOTOR DIVISION
 General Motors Corporation
 Chevrolet Service Department



Chevrolet Dealer Service Information Bulletin

68-I-6
 Number: _____
 VIIC
 Section: _____
 June 20, 1968
 Date: _____

Subject: 1968 PASSENGER CARS WITH OPTIONAL
 3-SPEED AUTOMATIC TRANSMISSIONS

Attn: Service Manager

TO: ALL CHEVROLET DEALERS

A group of 1968 passenger cars will have an optional 3-speed automatic transmission which has not been previously used by Chevrolet. This group of vehicles will be initially assigned as Chevrolet Motor Division company cars and will be sold in the normal manner upon completion of company car service. This bulletin is intended to provide basic information should you encounter a vehicle with this transmission.

GENERAL DESCRIPTION

The transmission features three forward driving ranges along with Park, Reverse and Neutral. D, or Drive Range, is used for all normal driving conditions and maximum economy. Detent downshifts are available for safe passing by depressing the accelerator to the floor.

L2 Range should be used for congested traffic or hilly terrain. L2 Range has the same starting ratio as Drive Range, but prevents the transmission from shifting above second gear. This retains second speed acceleration when extra performance is desired and can also be used for engine braking. L2 Range can be selected at any vehicle speed, and the transmission will shift to second gear and remain in second until the vehicle speed or the throttle opening is changed to obtain first gear operation in the same manner as in Drive Range.

L1 Range can be selected at any vehicle speed. When selected at speeds above 50 MPH, the transmission will shift to second gear and remain in second until vehicle speed is reduced to approximately 50 MPH (depending on axle ratio) before shifting into first gear. This is particularly beneficial for maintaining maximum engine braking when continuous first gear operation is desirable. However, vehicle acceleration in L1 should not exceed 40 MPH.

For purposes of identification, the optional transmission is, of course, different in appearance than presently released automatic transmissions. Further, it will have a code number stamped on the right side of the oil pan similar to the Powerglide. The code number will always start with either an X or Y followed by four (4) digits.

Example: Y9E20 - X8E27.

Important That All Service Personnel Read—Please Initial

Service Manager		Shop Foreman		Service Salesman			Service Technicians						

No attempt should be made to disassemble this transmission. If the need arises, a complete replacement assembly will be provided by contacting your Zone Service Manager.

In the event any repairs to the vehicle - other than transmission - would be required involving transmission controls, the procedure established for the Powerglide will apply except for the attachment and adjustment of the detent control cable used in place of the T.V. rod. The following procedure covers detent cable adjustment for this optional transmission.

DETENT CABLE ADJUSTMENT PROCEDURE - Refer to Figure 1.

1. Attach end of detent cable (C) to transmission and route to carburetor lever.
2. Attach detent cable (C) to carburetor lever (D).
Note: On L-6 engines this lever (accelerator lever) is not attached to the carburetor. It is a separate lever attached to the side of the manifold.
3. Insert screw (B) through detent cable clip (A) and into weld nut of bracket assembly (E). Do not tighten.
4. Position carburetor lever (D) in WIDE OPEN THROTTLE POSITION. See View A & B.
5. Grasp detent cable sheath (C) and push rearward until WIDE OPEN THROTTLE stop in transmission is felt. Do not mistake detent, which must be traveled through in order to reach WIDE OPEN THROTTLE position.
6. Tighten screw (B) to recommended torque.

FLUID LEVEL

Every 6,000 miles - Check fluid level on dipstick with engine idling, selector lever in neutral position, parking brake set and transmission at operating temperature. DO NOT OVERFILL.

General Motors DEXRON Automatic Transmission Fluid, Part numbers 1050568, 69, 70, or other Automatic Transmission Fluids identified with the mark DEXTRON, are recommended.

Every 24,000 miles - (more frequently, depending on severity of service, if vehicle is used to pull trailers, carry full loads during high ambient temperatures, operate in mountainous terrain or operate under other severe conditions) remove fluid from the transmission sump and add 2 quarts* U.S. measure (1 2/3 quarts* Imperial measure) of fresh fluid. Operate transmission through all ranges and check fluid level as described above.

Lubricate shift linkage with water resistant EP chassis lubricant which meets GM Specification GM 6031M.

Should any other questions arise regarding the operation of this optional transmission, it will be necessary for dealer personnel to contact their Zone Service Manager.

Chevrolet Motor Division
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c: Dealer List
Chevrolet List

Camaro Research Group

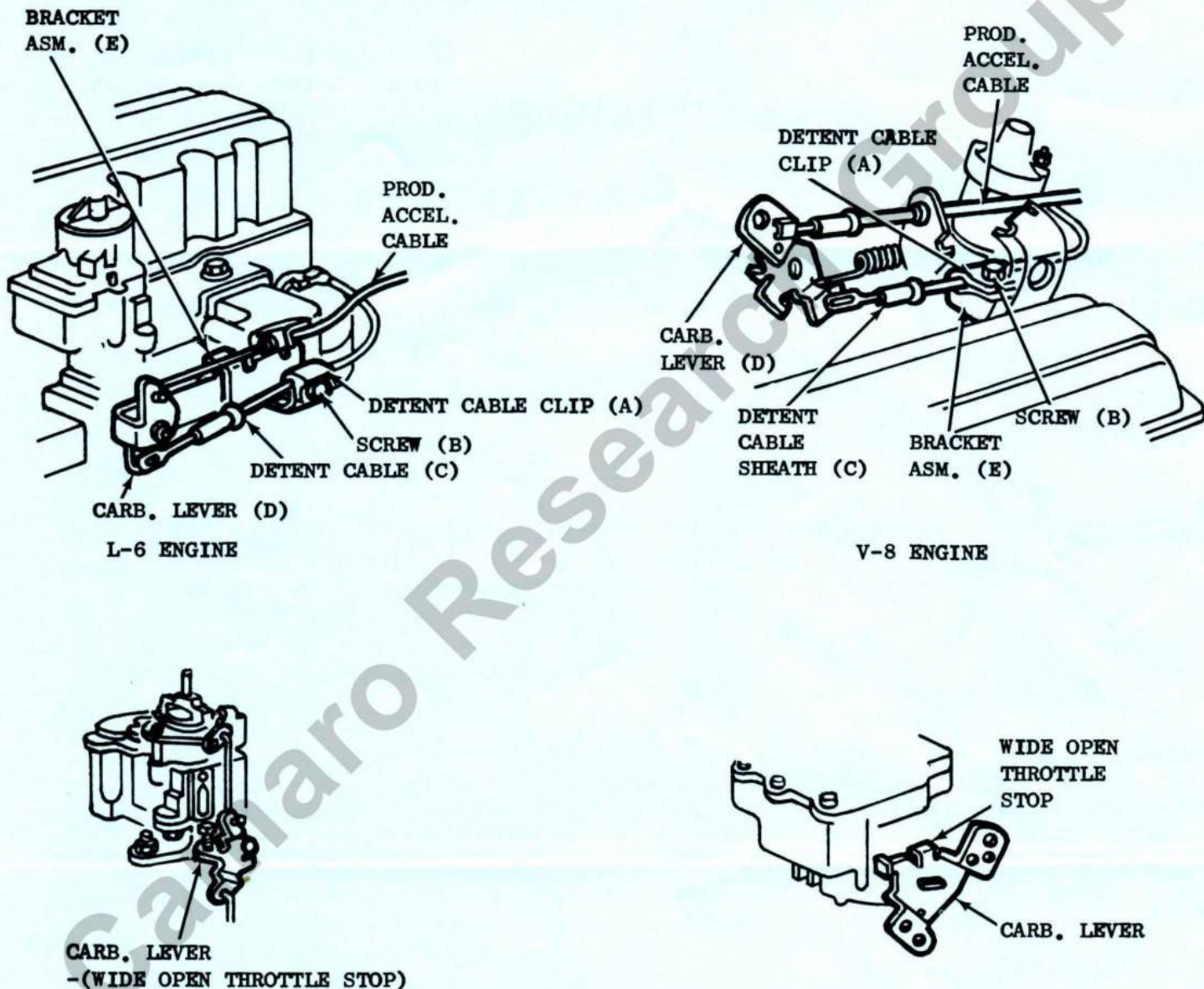


FIGURE 1
ILLUSTRATION OF CHEVELLE
(TYPICAL)