1971

APPLICATION

250 CID LIGHT VEHICLE
CARTER CARBURETOR

FEATURES

CARTER RBS

THROTTLE SHAFT MOUNTED TORSION THROTTLE RETURN SPRING
CARTER CARBURETOR

FEATURES

Solenoid Bracket (with increased clearance)

Solenoid Wire Retainer

1971

CARTER RBS

Solenoid WO/Boot

1970
CARTER CARBURETOR

FEATURES

SHOULDER SCREW FAST IDLE CAM PIVOT

NEW DASHPOT BRACKET

1971  1970

CARTER RBS

NEW COMMON THROTTLE LEVER TO ACCOMMODATE NEW LINKAGE

SCREW ADJUSTMENT FOR FAST IDLE SPEED
CARTER CARBURETOR ADJUSTMENTS

FAST IDLE SPEED ADJUSTMENT SCREW

PUMP STEM ADJUSTMENT

1971 CARTER RBS
DASHPOT CLEARANCE SETTING AND DASHPOT ADJUSTMENT

a. Fully compress dashpot stem
b. Throttle at curb idle
c. Measure the clearance with gage (1) between the throttle lever and dashpot stem
d. Adjust the clearance by loosening the jam nut and rotating the dashpot. Lock the dashpot at the prescribed setting.
CARTER CARBURETOR

ADJUSTMENTS

DECHOKE LEVERS

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IDLE MIXTURE ADJUSTING SCREW, WITH LIMITER

IDLE SPEED ADJUSTING SCREW (DASHPOT ONLY)

IDLE SPEED ADJUSTMENT (SOLENOID ONLY)
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CHOKE PULLDOWN SETTING AND ADJUSTMENT

a. Remove choke cap, baffle and gasket
b. Insert a .026 wire gage (3) in the piston slot
c. Rotate the lever (4) counterclockwise to trap the wire between the piston and slot
d. Measure pulldown with a gage (1). Pulldown must be within the specified setting
e. To adjust, bend the lever section at (2) to obtain the prescribed setting

DRY FLOAT SETTING

a. Remove fuel bowl and gasket and invert assembly
b. Let float rest against the fuel inlet needle with its own weight
c. Measure the setting as dimension "A." The float setting must be within specifications
d. To adjust, bend the section at (1) to obtain the prescribed setting. (Do not load the fuel inlet needle when adjusting.)

FLOAT DROP SETTING

a. Turn air horn as to make the float hang down a maximum
b. Measure the setting as dimension "A." The setting must be within specifications
c. To adjust, bend the tab at (2) to obtain the prescribed setting
CARTER CARBURETOR

ADJUSTMENTS

CHOKE BIMETAL INDEXING
Adjust by loosening the three attaching screws (5) and rotating the choke cap (2) until the indexing mark on the choke cap is opposite the correct casting mark. Rotating the choke cap clockwise is lean and counterclockwise is rich. The accentuated center mark on the housing (6) is referred to as index, rich and lean marked on either side.

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DECHOKE SETTING AND ADJUSTMENT
a. Close the choke plate and hold lightly closed
b. Rotate throttle lever (4) to W.O.T.
c. Measure dechoke with gage (1). Dechoke must exceed minimum
d. To adjust, bend the tab on throttle lever at (3) to obtain the prescribed setting.