

THROTTLE CABLE ADJUSTMENT ALL 1981 MODELS

All 1981 model motorcycles are equipped with a dual cable throttle assembly commonly referred to as a "Pull-Pull Throttle." See Figure 1. One cable (throttle) pulls the throttle butterfly open as on previous models while the other (idle cable) pulls the butterfly closed when the grip is turned clockwise. The carburetor is equipped with a return spring which closes the throttle when grip is released as on previous models.

CAUTION

Proper adjustment of these two cables is critical for proper throttle function and prevention of stress to or failure of the cables.

NOTE

See Figure 1 and Figure 2. The throttle cable has a 5/16-18 in. threaded adjuster and is assembled to the right side of the throttle grip. The idle cable has a 1/4-20 in. threaded adjuster and is assembled to the left side of the throttle grip.

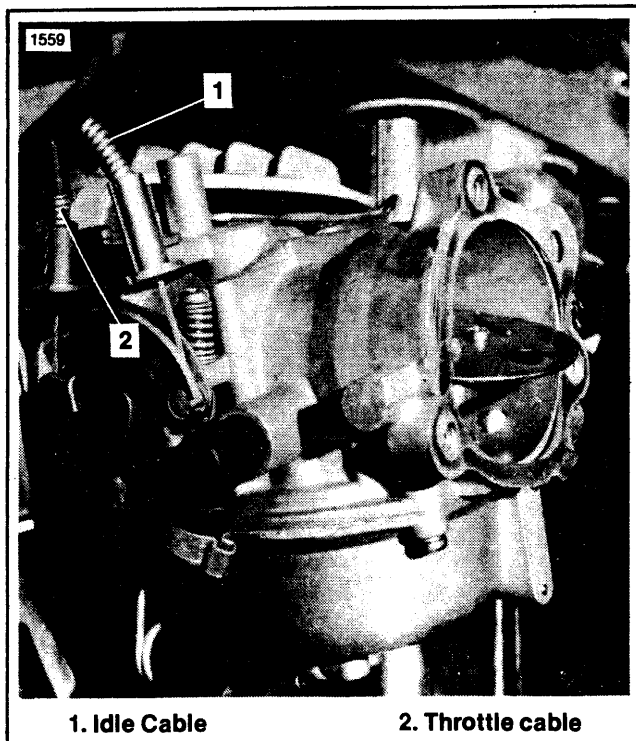


Figure 1. Cable Installation

ADJUSTMENT PROCEDURE

NOTE

See Figure 2. All adjustments must be made with the adjusting screw (9) backed off far enough to allow free rotation of the throttle grip (6).

1. See Figure 3. Turn the cable adjusters (1 and 4) and locknuts (2 and 5) clockwise as far as they will go. Both cables should have zero adjustment to start this procedure.
2. See Figure 3. Point the front wheel straight ahead. Turn the throttle grip so the throttle is wide open (fully counterclockwise) and hold it there. Now turn the throttle cable adjuster (1) counterclockwise un-

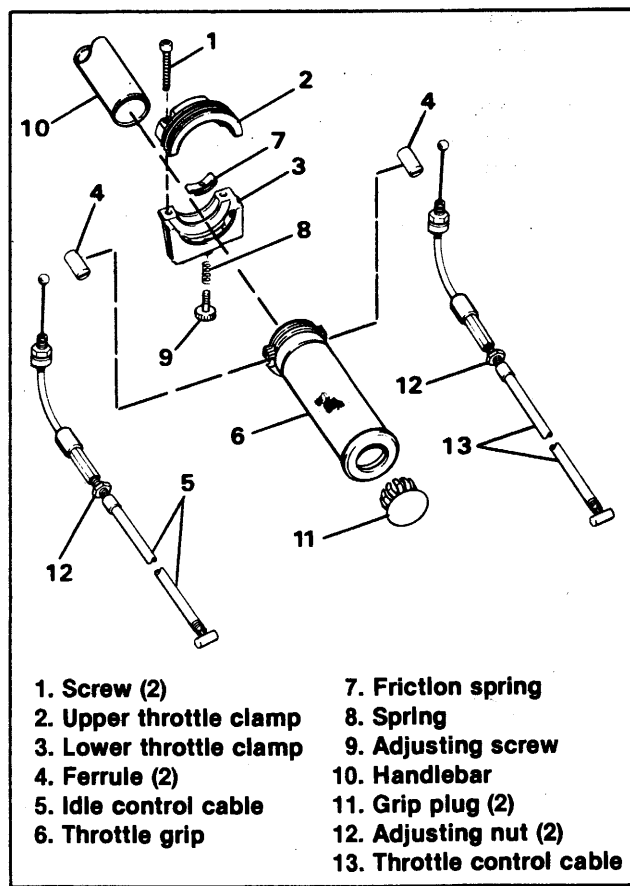


Figure 2. Handlebar Throttle Control 1981

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
INITIAL HERE									

til the throttle cam stop (3) just touches the stop boss on the carburetor. Tighten the locknut (2) against the throttle cable adjuster and release the throttle.

Be sure the adjusting screw is backed off far enough to allow rapid return of the throttle grip to its stop.

3. Turn the front wheel full right. Turn the idle cable adjuster (4) counterclockwise until the cable housing (6) just touches the spring (7) in the cable support sleeve. Work the throttle grip to make sure

throttle cable returns to idle position when released. If the cable does not return to idle, turn adjuster (4) clockwise to achieve the correct adjustment. Tighten the locknut (5) against the idle cable adjuster (4).

Refer to the 1981 Service Manuals for cable replacement and routing procedures whenever replacing a cable.

HARLEY-DAVIDSON MOTOR CO., INC.

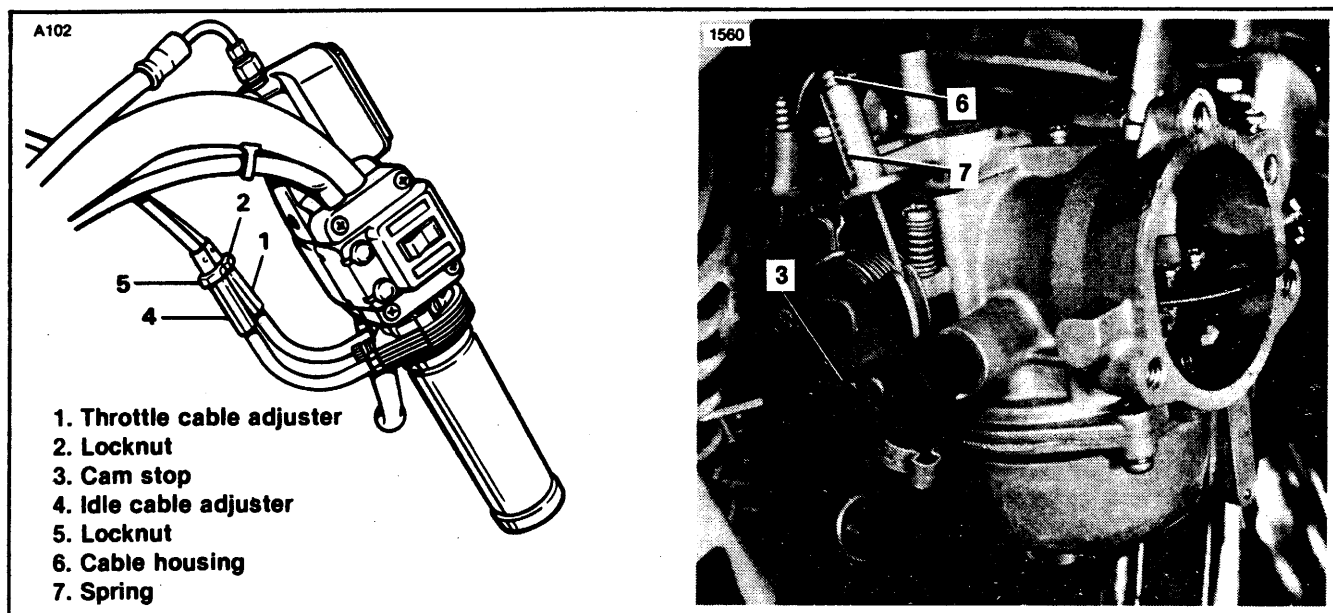


Figure 3. Throttle Cable Adjustment