

INSTRUCTION SHEET

Buell
AMERICAN MOTORCYCLES

-J00674

Kit Number 27347-96Y

REV. 7-1-96

REMOTE IDLE ADJUSTER

General

This kit contains materials to install the Remote Idle Adjuster on early 1995 S2 and early S1 motorcycles, except California models with Quicksilver carburetors. The kit components are standard equipment on all later Buell models.

This kit consists of the following parts:

QTY	DESCRIPTION	PART NUMBER
1	Adjuster	27349-96Y
1	Spring	27354-96Y
1	Washer	27137-81
1	Figure-8 cable strap	33810-95Y

Installation

1. Remove seat and fuel tank. See FUEL TANK, REMOVAL in appropriate Service Manual.
2. Remove idle speed adjusting screw, spring and washer on carburetor.
3. See Figure 1. Lubricate threads on adjuster shaft. Thread remote adjuster (1), spring (3) and washer (2) into bracket (4). Adjuster shaft (5) must touch stop plate (6). Apply a dab of grease on adjuster above threads to help hold washer and spring in place.
4. **Installation on S1 model motorcycles:** See Figures 2 and 3. Secure adjuster, facing forwards, to frame with figure-8 cable strap by following these steps:
 - a. Wrap cable strap around upper frame tube, behind air box, then up and through the slot.
 - b. Continue cable strap over adjuster.
 - c. Run cable strap through the other side of the slot. Strap should be tight but still allow the adjuster to turn easily.
5. **Installation on S2 model motorcycles:** See Figures 2 and 4. For illustration purposes, Figure 2 shows the cable strap being installed on an S1 model. On S2 models, the figure-8 cable strap will go around **both frame tubes**, as shown in Figure 4. Secure adjuster facing backwards, to both frame tubes with figure-8 cable strap by following these steps:
 - a. Wrap cable strap around both frame tubes, then up and through the slot.
 - b. Continue cable strap over adjuster.
 - c. Run cable strap through the other side of the slot. Strap should be tight but still allow the adjuster to turn easily.

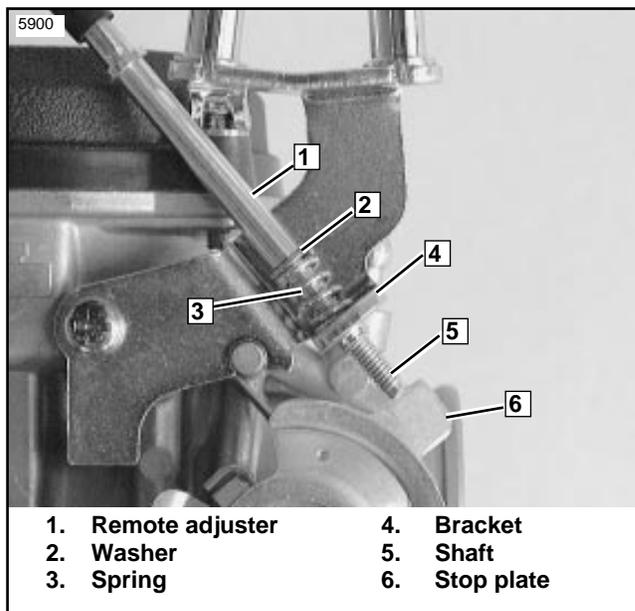


Figure 1. Installation

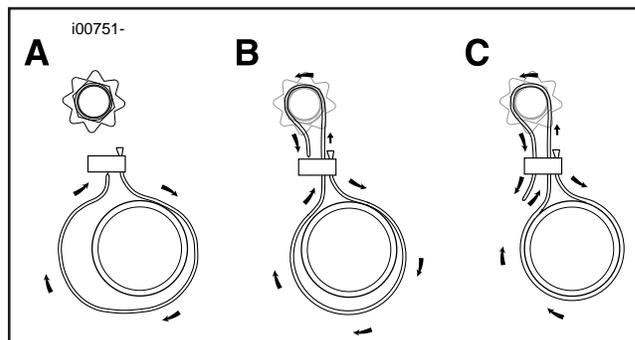


Figure 2. Cable Strap

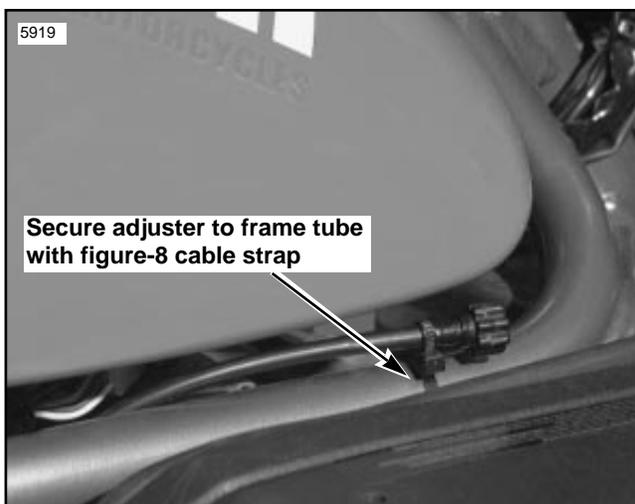


Figure 3. Adjuster faces front of motorcycle on S1 models

⚠WARNING

After installing seat, pull upward on front of seat to be sure it is locked in position. If seat is loose, it could shift position during vehicle operation and startle the rider, causing loss of control and personal injury.

6. Install fuel tank and seat.
7. Start vehicle and warm engine to normal operating temperature.
8. See Figure 5. Set idle speed by turning adjuster. See speeds listed in Table 1 below:
 - a. Turn clockwise to increase idle speed.
 - b. Turn counterclockwise to decrease idle speed.

TABLE 1

MODEL	REGULAR IDLE	FAST IDLE
World Model	950-1050 RPM	2000 RPM

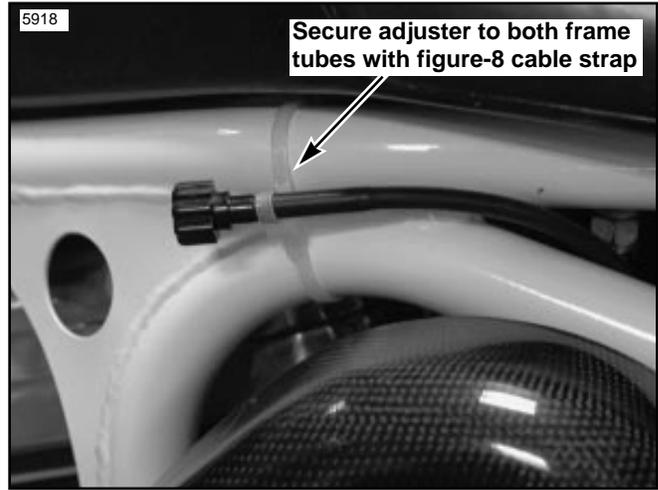


Figure 4. Adjuster faces rear of motorcycle on S2 models

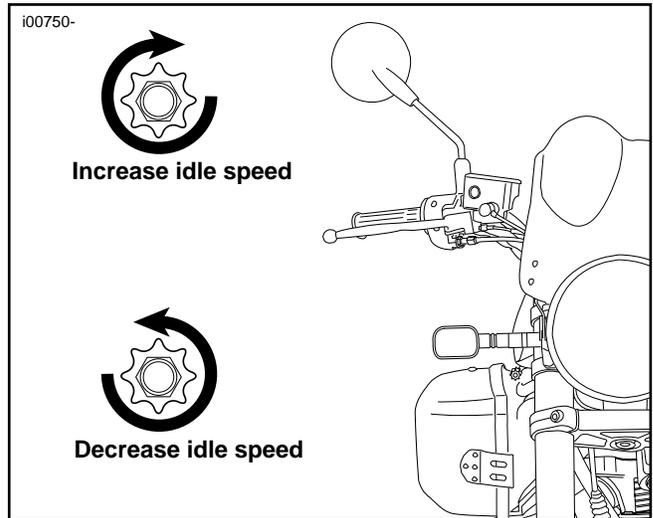


Figure 5. Idle Speed Adjuster