

REAR BRAKE STOPLIGHT SWITCH KIT
Z-90, SX-125, SX-175/250, SS/SX-350

A field replacement rear stop light switch has been developed to overcome service problems occurring on in-cable or upward plunger mounted switches. The new switch is available in kit form under part No. 72200-75, Universal Stoplight Switch Kit.

The kit will service Z-90, SX-125, SX-175/250 and SS/SX-350 models replacing the following original switches:

MODELS	YEAR	ORIGINAL SWITCH USED
Z-90 (1973-75)	1973 - 1975	72022-70P; 72022-72P
SX-125 (1973-75)	1973 - 1975	72022-70P; 72022-72P
SX-175/250 (1974-75)	1974 - 1975	70230-74P
SS/SX-350 (1973-74)	1973 - 1974	72018-69P

The Kit includes complete installation instructions for each model. A sample instruction sheet is included with this bulletin.

HARLEY-DAVIDSON MOTOR CO., INC.

PART NUMBER72200-75
ORIG. 2-76**INSTRUCTIONS****AMF** | HARLEY-DAVIDSON**GENUINE PARTS
AND ACCESSORIES****UNIVERSAL STOPLIGHT SWITCH KIT**

This Kit contains parts for installing a stoplight switch on the models listed in the chart below. Note that the Kit contains more parts than are needed to install a switch on any one model. The chart lists all parts included in the Kit and shows which parts are required for each model installation.

ITEM	PART NO.	DESCRIPTION	REQ.	MODEL USAGE			
				Z-90	SX-125	SX/SS 175/250	SS/SX 350
1	72201-75	Switch Assembly	1	1	1	1	1
2	72203-75	Bracket	1	1	1	1	1
3	72203-75	Clamp	1	*	*	1	1
4	9946	Clamp	1	1	*	*	*
5	72204-75	Link	1	1	1	1	*
6	72030-47	Clip	1	*	1	1	1
7	3991	Screw	1	*	*	1	1
8	7710W	Nut	1	*	*	1	1
9	70115-71	Connector	2	2	2	2	2
10	10006	Tie Wrap	1	1	1	1	1
11	515	Cotter Pin	1	*	1	1	1

* Indicates part is not used for that model.

To prevent any possibility of electrical shorts, disconnect battery ground wire before beginning switch installation. Installation procedures for the various models are as follows:

Z-90

Remove old stoplight switch from mounting bracket below brake pedal. Cut wires at switch and discard switch.

Remove front bolt from engine mount plate and install bracket (2) on bolt as shown in Figure 1 and reinstall bolt. Install switch assembly (1) on bracket.

Assemble clamp (4) to brake pedal.

Install hooked end of wire link (5) in clamp and assemble other end to spring end of switch assembly as shown. The switch end of the wire link should be looped through spring so there is just tension on the spring.

Use wire connectors provided to connect switch to wires from wiring harness. Tie wrap wires to frame. Reconnect battery ground and test switch operation.

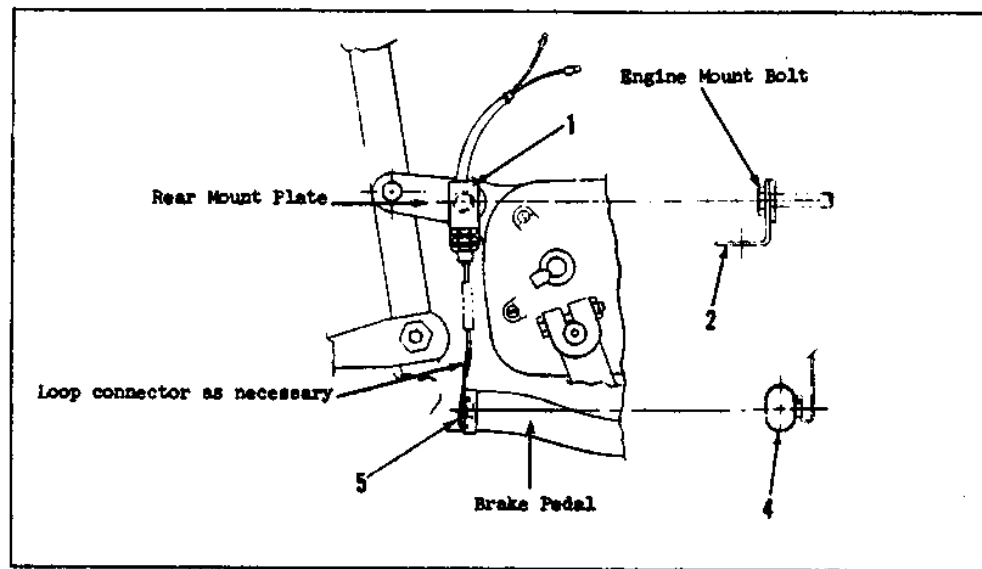


Figure 1 Z-90

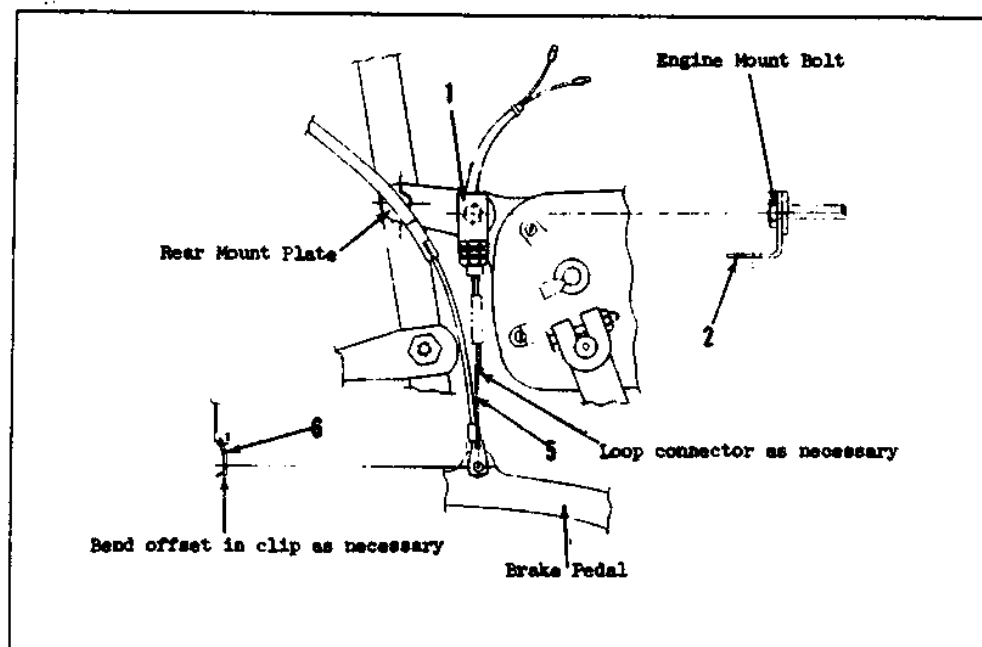
SX-125

Installation on the SX-125 is the same as for the Z-90 except that a clip is used to connect the switch assembly to the brake pedal.

To install clip (Item 6, Figure 2), bend a slight offset in clip as shown. Remove cotter pin from brake cable clevis pin. Slide clevis pin out far enough to remove washer and insert clip (6) in its place. Reinstall clevis pin and install new cotter pin from Kit.

Install wire link between clip and switch as for Z-90.

Reinstall battery ground wire and test switch operation.



SS/SX-175/250

Remove right side cover and slide battery out of carrier and remove air cleaner to provide access to original switch.

Assemble switch (1) and bracket (2) to clamp (3) and install clamp assembly to frame tube as shown using screw and nut provided.

Bend a slight offset in clip (6) as shown. Remove cotter pin from brake cable clevis and slide clevis pin out far enough to remove washer and insert clip. Reinstall clevis pin and install new cotter pin provided.

Install hooked end of wire link (5) in clip and assemble other end to switch spring. The switch end of the wire link should be looped through spring so there is just tension on the spring.

Cut the harness wires near the old switch and connect to new switch using connectors provided.

Tie wrap wires to frame and replace air filter and battery. Reconnect battery ground wire and test switch.

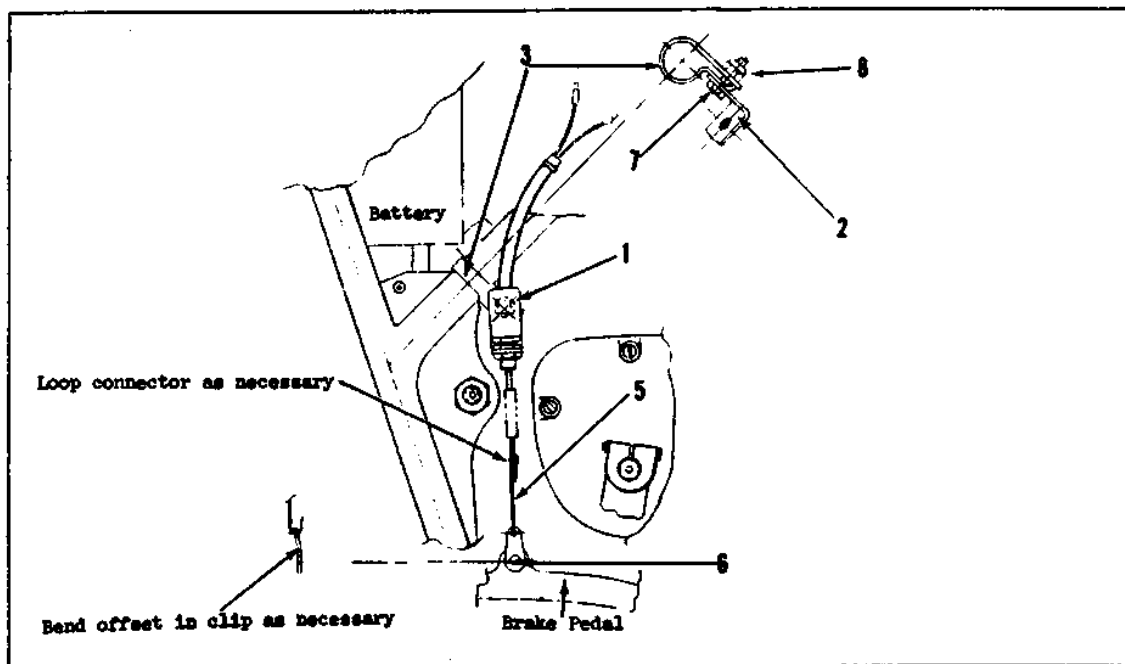


Figure 3 SS/SX -175/250

SS/SX-350

Installation on the SS/SX-350 is basically the same as on the SS/SX-175/250 except that on the SS-350 the original switch is located near the rear wheel and removing the side cover is not required. Figure 4 shows installation for 350 models.

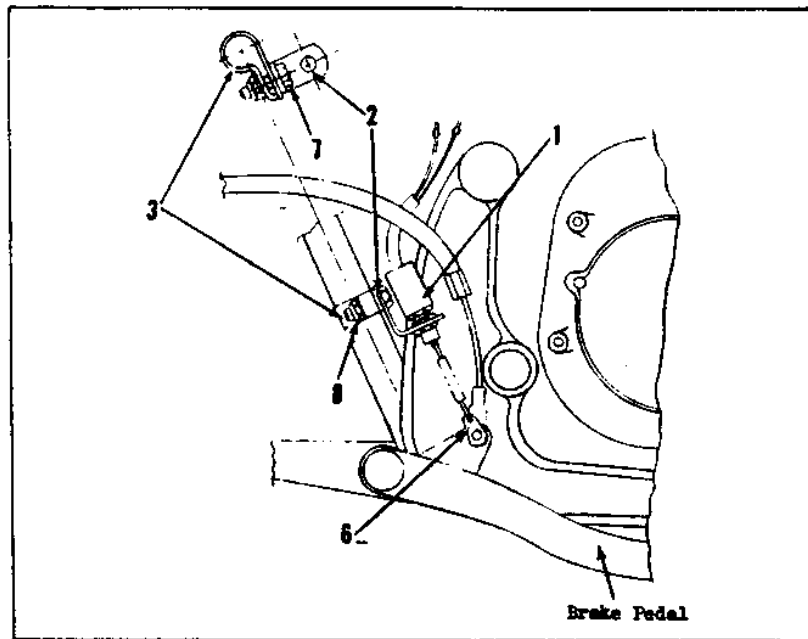


Figure 4 SS/EX-350