



License Plate / Turn Signal Relocation Kit - Model SPTMS-02

Application Harley Davidson Nightster, 48, 72 and Iron 883

Before you begin, read these instructions and check to be sure all parts are accounted for.

<u>Qty.</u>	<u>Part Description</u>		
1	Mounting Bracket	4	Black Screws with Nylon Lock Nuts
1	Mounting Strap	2	1/4" Nylon Lock Nuts
1	Lighted License Plate Frame	2	#8 Cap Screws with Nuts and Lock Washers
2	5/16 Black Button Head Bolts with Flat Washer and Nylok Nuts	2	Black Blank Fillers
2	5/16 Hex Head Bolts with Flat and Lock Washers	18	Butt Connectors
			18 Gauge Wire (Black, Pink & Blue)

Installation Instructions

Note: A licensed Harley Davidson technician should be consulted before beginning installation of the SPTMS-02 kit. The following instructions are intended to provide general instructions for the installation of the relocation kit. Use Loctite on all bolts not secured with a nylon lock nut.

1. Place the motorcycle on a safe and secure motorcycle jack. Place protective tape on the rear fender to avoid scratching the paint. (See Fig 1) Unbolt the rear shocks at the lower bolt and lower the tire. This may be a two man task. Remove the seat and locate the turn signal and license plate connections. (See Fig 3) Disconnect the turn signals and license plate light. Remove the rear reflector from the underside of the rear fender. Remove the license plate from the motorcycle.
2. Remove the turn signal lenses and bulbs both sides. This will make access to the rear side cover bolt easier. Remove the turn signals and license plate light from the motorcycle. Complete removal of the turn signals may be delayed until after removal of the side covers. Mark the license plate mount with a silver sharpie flush with the bottom of the fender. We will be cutting the license plate mount off the mounting plate after removal from the fender. Remove the side cover bolts, both sides of the motorcycle. Loosen the top shock bolts to remove the side cover at the front. Remove the rear fender support located inside the fender.
3. Remove the license plate mount from the motorcycle. The fender need not be removed from the motorcycle to remove the license plate mount from the motorcycle. The seat post only needs to be loosened not removed. Have an assistant raise or lower the fender to access the rivets. Drill out the rivets and remove the license plate bracket mount. At the mark you previously made, cut the license plate mount from the reflector mount. Reinstall the reflector mount using the #8 cap screws, nuts and lock washers. Retighten the seat post.
4. Install the new mounting bracket to the rear fender support using the mounting strap and two 1/4 nylon lock nuts. (See Fig 2) Install the side covers with the front bolt only. Retighten the shock top bolts. Install the new mounting bracket assembly onto the motorcycle using the stock rear bolt, nut plate and fender support screw through the top of the fender.
5. Cut the turn signal and license plate light wires approximately 12" from the plug end. Install the turn signals and lighted license plate frame onto the new mounting bracket using the 5/16 hex head bolts (Note: a small notch at the top center of the license plate may be required to allow for lighted license plate frame wires), flat and lock washers to mount the turn signals and the supplied screws and nuts to mount the lighted license plate frame. Extend the wires as required using the provided wire and butt connectors. Route the wiring back to the connections under the seat using the reflector mounting brackets. Be sure all wires are secure and will not come into conflict with the tire. Reconnect the turn signals and license plate. Reinstall the bulbs and lenses. Test to make sure the turn signals are connected properly.
6. Install the black filler blank on the fender rail at the stock turn signal location using the 5/16 black button head bolt, flat washer and nylon lock nut. (See Fig 4) Reinstall the shocks.

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Do not return product without prior authorization.

SEE REVERSE SIDE FOR ILLUSTRATIONS



Figure 1



Figure 2



Figure 3



Figure 4

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