

SINGLE LIGHT BAR HARNESS KIT



P/N 2882209

APPLICATION

Verify accessory fitment at Polaris.com.

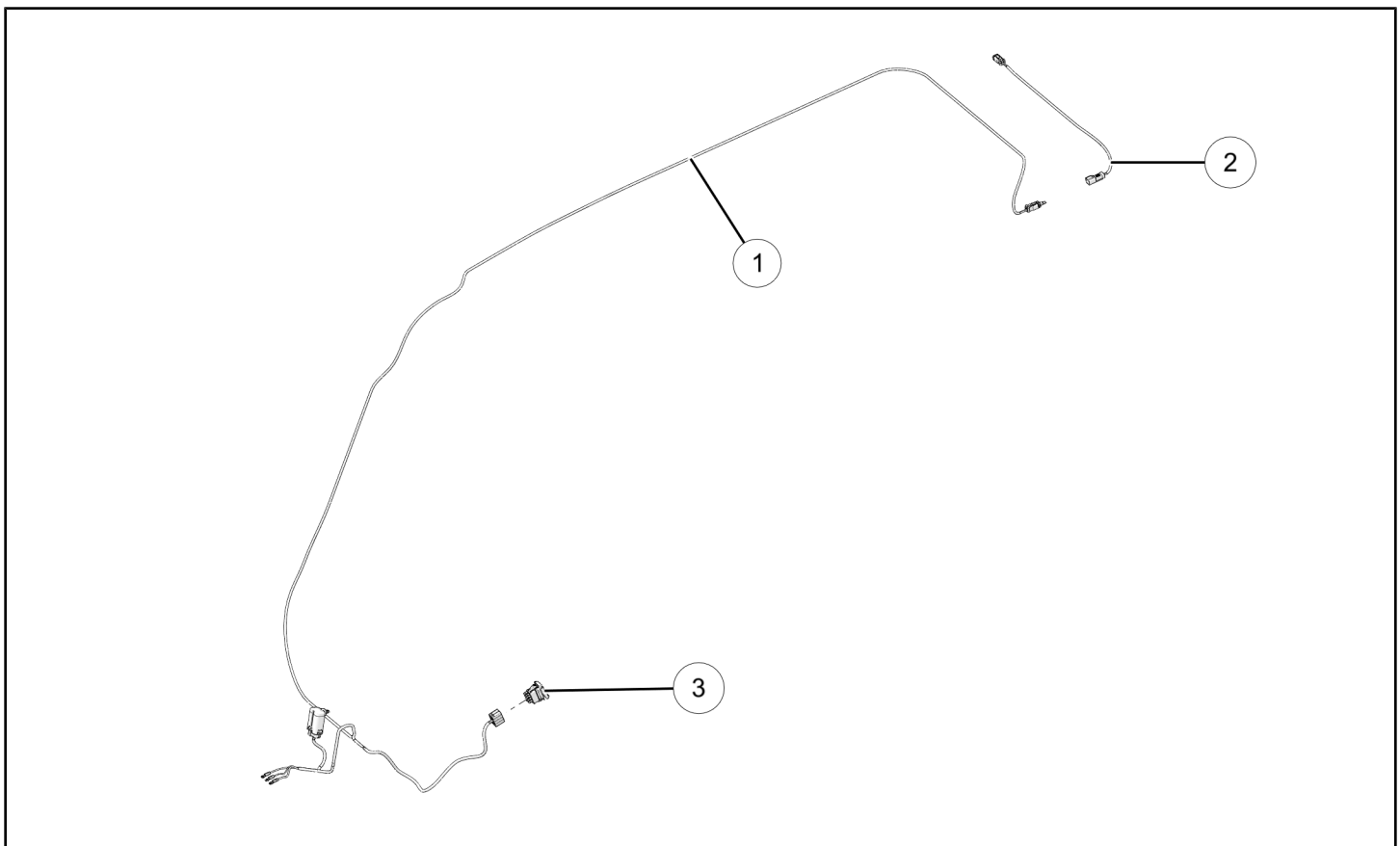
BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

KIT CONTENTS

This kit contains parts for installation of the Single Light Bar Harness only. Prior installation of a Battery Connection Kit is also required (sold separately).

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1	1	Harness	2413646
2	1	Harness, Extension	2413647
3	1	Switch	4014558
4	10	Cable Tie (not shown)	-
	1	Instructions	9927365

TOOLS REQUIRED

- Safety Glasses
- Pliers, Push Pin
- Screwdriver Set, Torx®
- Socket Set, Metric
- Wrench Set, Metric
- Utility Knife/Cutting Tool

IMPORTANT

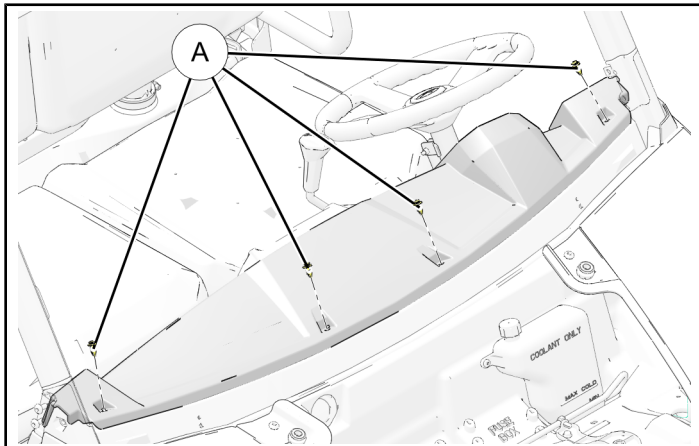
Your Single Light Bar Harness Kit is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

ASSEMBLY TIME

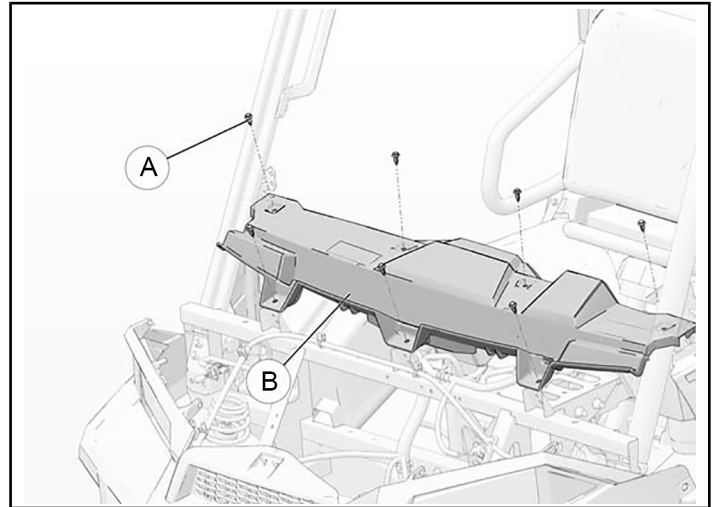
Approximately 30–40 minutes

INSTALLATION INSTRUCTIONS

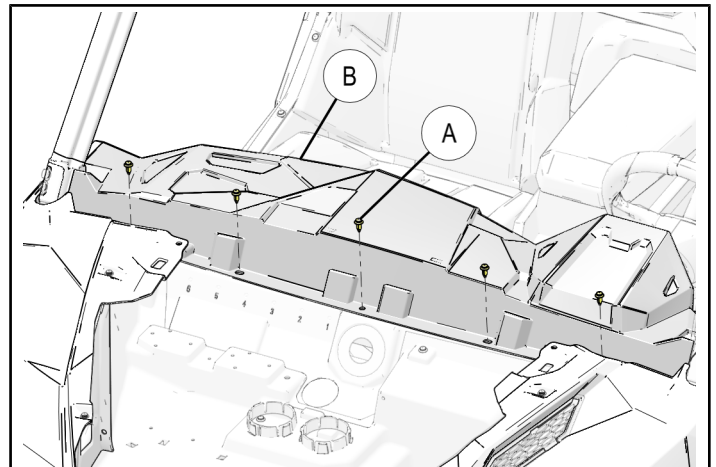
1. Shift vehicle transmission into “PARK”. Turn key to “OFF” position and remove from vehicle.
2. Gain access.
 - a. Remove or open hood, as applicable.
 - b. Remove or open windshield, as applicable.
 - c. Remove upper dash panel.
 - **FULL-SIZE RANGER:** Remove upper dash panel by removing four plastic push pins (A) as shown. Retain push pins.



- **MID-SIZE RANGER:** Remove upper dash panel (B) by removing seven plastic push pins (A) as shown. Retain push pins.



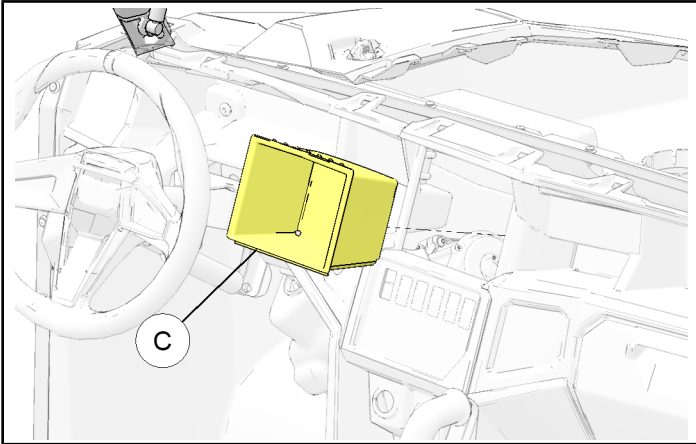
- **GENERAL:**
 - i. Remove upper dash panel (B) by removing five plastic push pins (A) from forward side of panel as shown.



- ii. Using fingers, remove center storage box ③ by pressing top edge of box down, disengaging box locking tabs from main dash panel as shown. Tip box out of dash and remove.

IMPORTANT

Use only enough force to disengage locking tabs. Excessive force may damage box.



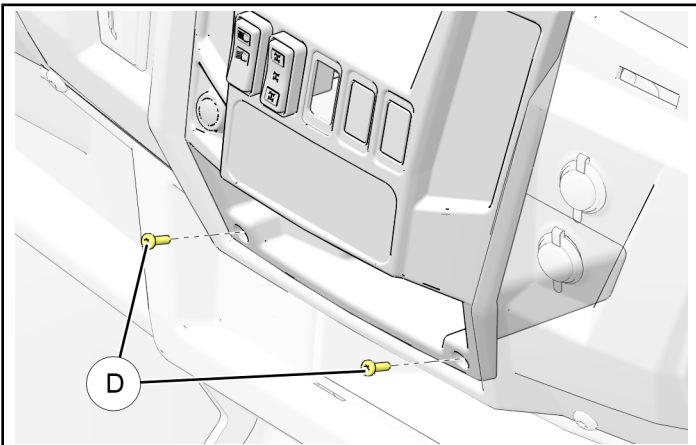
- d. Remove seat or seat bottom cushion, as applicable, to gain battery access.

- 3. Disconnect black negative (-) cable from battery.
- 4. **FULL-SIZE RANGER and GENERAL:** Loosely route 2-pin and 8-pin connectors of harness ① from under-hood compartment rearward through firewall grommet into under-dash compartment.

NOTE

Mid-Size Ranger has no firewall grommet; direct access to dash control panel exists with hood open.

- 5. Install switch.
 - **FULL-SIZE RANGER:**
 - a. Detach existing control panel by removing two screws ④ from lower edge of control panel as shown. Retain screws.

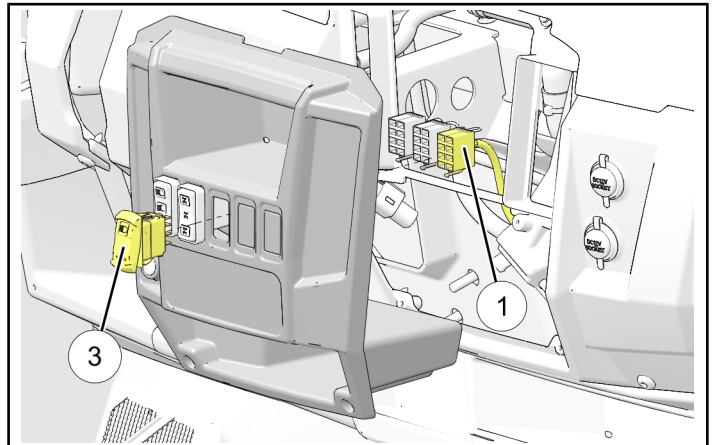


- b. Carefully pull control panel away from main dash panel. If necessary for access, label and disconnect other electrical harnesses from control panel switches.
- c. Carefully cut or remove, as applicable, one rectangular switch blank from control panel.

NOTE

Any open location may be used.

- d. Install switch ③ to panel, then connect 8-pin end of harness ① to switch as shown.



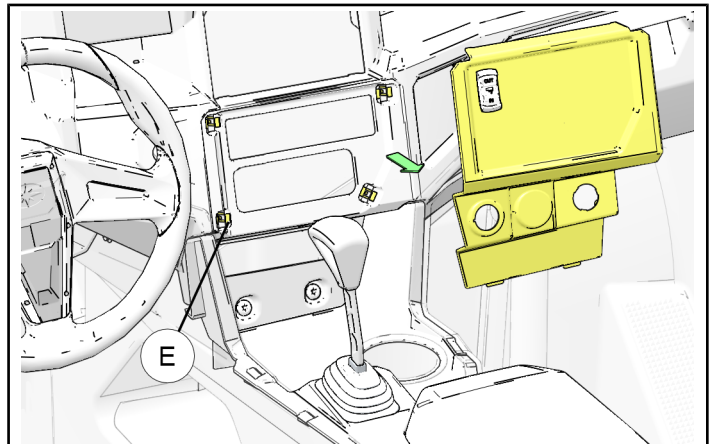
- e. If other electrical harnesses were disconnected in step b., reconnect them now.
- f. Reinstall control panel using two retained screws ④.

• **MID-SIZE RANGER:**

Follow preceding FULL-SIZE RANGER installation Steps 5c. and d.

• **GENERAL:**

- a. Using fingers, remove center console control panel by disengaging four spring clips ⑤ as shown.



- b. Carefully pull control panel away from main dash panel. If necessary for access, label and disconnect other electrical harnesses from control panel switches.
- c. Carefully cut or remove, as applicable, one rectangular switch blank from control panel.

NOTE

Any open location may be used.

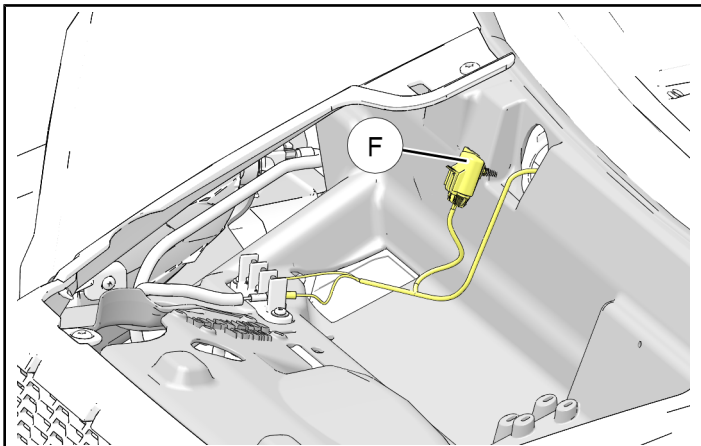
- d. Install switch ③ to panel, then connect 8-pin end of harness ① to switch as shown. See FULL-SIZE RANGER Step 5d. for similar illustration.
 - e. If other electrical harnesses were disconnected in step b., reconnect them now.
 - f. Reinstall control panel.
6. Install harness(es).
- a. Install relay/fuseholder.

IMPORTANT

Control drill depth to prevent damage to underlying structure or components.

• **FULL-SIZE RANGER:**

On forward side of firewall, drill 1/4 inch hole for fir tree clip, then install relay/fuseholder ⑥.



• **MID-SIZE RANGER:**

Locate empty 1/4 inch hole near terminal block for fir tree clip, then install relay/fuseholder.

OPTIONAL: Remove fir tree clip from relay/fuseholder, then secure relay/fuseholder to structure using cable tie ④.

• **GENERAL:**

On forward side of firewall, drill out one firewall accessory plug (1/4 inch), then install relay/fuseholder (location similar to FULL-SIZE RANGER shown above).

- b. Connect harness ① ring terminals to terminal block.
 - **RED** harness wire: To terminal post with existing RED battery connection cable (unswitched 12V POS)
 - **ORANGE** harness wire: To terminal post with existing ORANGE wire (accessory switched 12V POS).
 - **BROWN** harness wire: To terminal post with existing BLACK battery connection cable (12V NEG)
- c. Route 2-pin connector of harness ① as required and connect to light bar (sold separately).

NOTE

Harness may be routed up and along ROPS, or may follow main vehicle harness in center floor console, depending on light location. If extra length is required, extension harness ② may be attached to harness ①.

- d. Secure harness(es) as required to prevent contact with hot components, sharp edges, or moving parts.
7. Reconnect black negative (-) cable to battery.
8. Restore access.