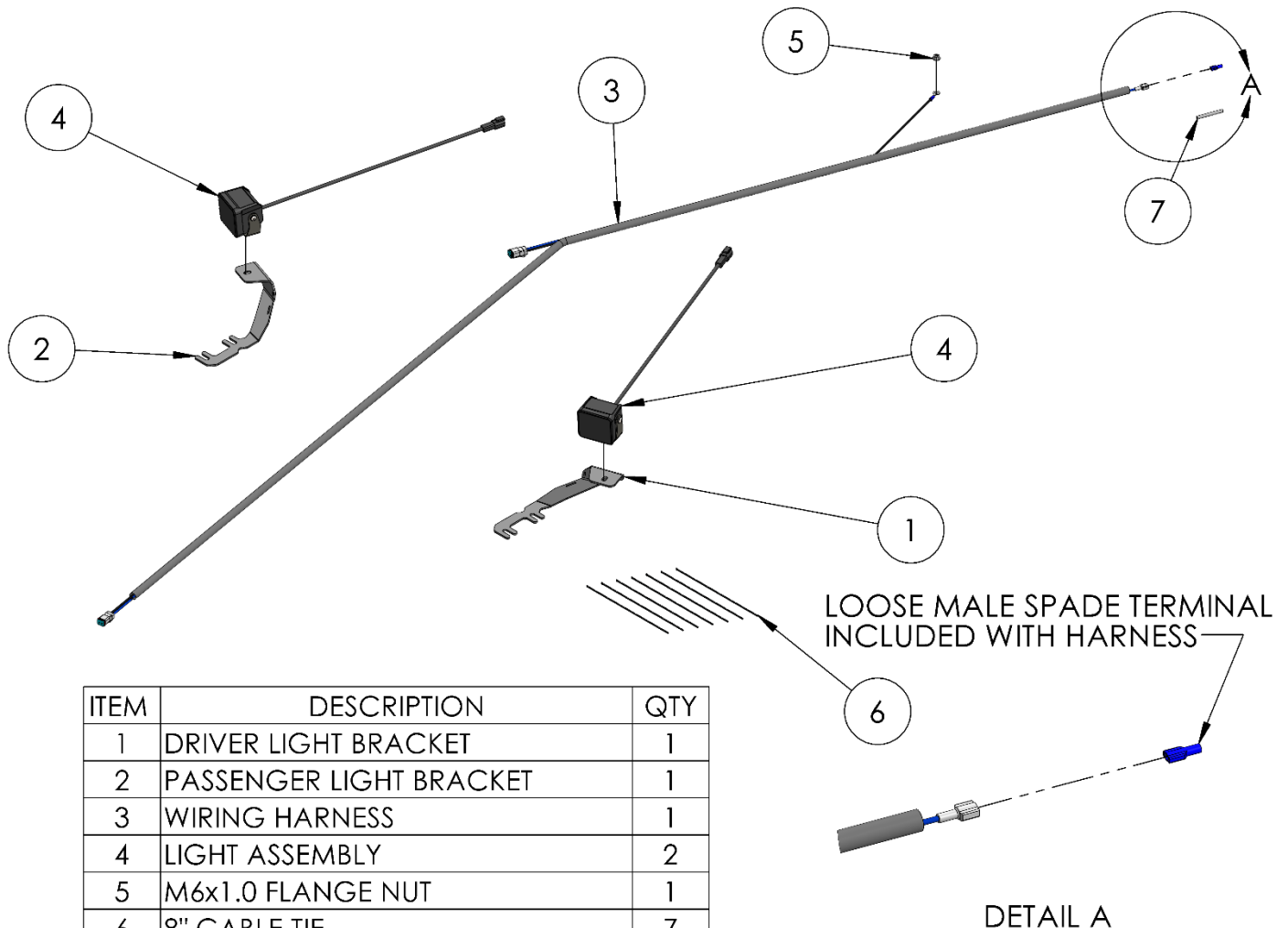


SL5270-02

2024-UP FORD RANGER, RAPTOR,
DITCH LIGHT KIT

MBRP®



ITEM	DESCRIPTION	QTY
1	DRIVER LIGHT BRACKET	1
2	PASSENGER LIGHT BRACKET	1
3	WIRING HARNESS	1
4	LIGHT ASSEMBLY	2
5	M6x1.0 FLANGE NUT	1
6	8" CABLE TIE	7
7	HEAT-SHRINK TUBING	1

Refer to this LOT NUMBER when contacting customer service: _____

PLEASE READ BEFORE STARTING INSTALLATION

While MBRP has made every effort to ensure that all components of this system are of superior quality and properly packaged, it is the installer's responsibility to ensure the following:

- that ALL components shown above are present.
- that ALL mating components fit together.
- that there are no damaged components.
- that the system you have purchased is appropriate for your vehicle year, model and configuration.
- that the system will not interfere with any modifications previously installed or planned.
- that you have read and understand these instructions.

If you have any questions or are uncertain about any aspect of the installation of this system to your vehicle please contact your dealer before commencing installation.

GET READY TO SHINE BRIGHTER!

1. Disconnect the negative battery cable.
2. Use tape or a pen to mark both of the hood hinge positions on the hood prior to beginning the installation.
3. Apply tape or stretch wrap over the edges of the hood where the light brackets will be installed to protect paint during the installation.



Figure 1



Figure 2



Figure 3

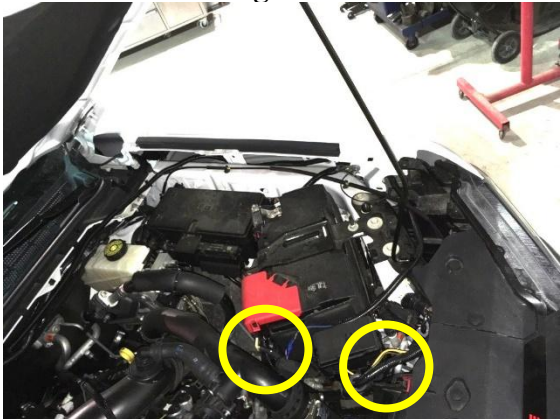


Figure 4

COMPLETE BRACKET INSTALLATION ON ONE SIDE AT A TIME.

4. Loosen the hood hinge nuts enough to slide the **Passenger Light Bracket** in place between the nuts and hood hinge. Disengage the washer hose retaining clip if equipped. Do not install the light brackets between the hood and hood hinge, doing so will lift the hood.
Refer to Figure 1 and 2.

5. Tighten the hood hinge nuts and position the hinge in-line with the previously marked indicators. Replace the washer hose retaining clip. **Ensure the light bracket is installed in a position where it will not contact the hood.**
Refer to Figure 1 and 2.

6. Install the **Light Assembly** on the light bracket. Route the wire and connectors from the **Light Assembly** around the light bracket and around the backside of the hood hinge. **Ensure the routing does not interfere with the hood hinge.** Secure with **Cable Ties** where shown.
Refer to Figure 3

REPEAT STEPS 4-6 ON OPPOSITE SIDE OF VEHICLE

7. Available auxiliary switch wiring locations are shown in **Figure 4**. Refer to vehicle manual for wire and switch identification. Route the **Wiring Harness** from the chosen auxiliary wire location, along the driver-side fender toward the firewall, then along the firewall following the factory harness where possible. Secure the **Wiring Harness** and **Light Assembly** wires with **Cable Ties** where required. Mate the connectors from the **Light Assemblies** to the **Wiring Harness**.
Refer to Figure 4.



Figure 5

8. Strip the preferred auxiliary switch wire and attach the supplied loose male spade terminal. For a more permanent connection, strip the preferred auxiliary switch wire and the wire on the **Wiring Harness** with the female spade terminal, then solder and shrink tube these wires together using supplied the **Heat-Shrink Tubing**.

9. Secure the ring terminal of the ground wire to the ground stud on the driver side fender using supplied **M6 Flange Nut**. Refer to **Figure 5**.

10. Mate the connectors from the auxiliary switch wire and the **Light Assemblies** to the **Wiring Harness**, test for functionality.

11. Secure all parts of the **Wiring Harness** using **Cable Ties**. Ensure adequate clearance to all moving, sharp and hot components is maintained. Reconnect the negative battery cable and adjust the **Light Assemblies** to the desired position.



Congratulations! You are ready to begin experiencing the improved performance and illumination pleasure of your **MBRP** performance bumper light kit. We know you will enjoy your purchase.