

# Custom Dynamics® ProBEAM® Sequential Tour-Pak® Light Kit Installation Instructions



## Part Numbers

CD-TP-KIT-25-R, CD-TP-KIT-25-S

## Package Contents

ProBEAM® Sequential Tour-Pak® Light (1)  
CD-HARN-TP-1 Harness (1)  
CD-TP-QD-23-I Harness (1)  
Drill Templet (1)  
Mounting Screws (8)  
Antenna Adapter (2)  
CB Cable Stud, Nut and Washer (1)  
Antenna Stud Hole Plugs (2)  
Magnet (1)  
Instructions (1)



## Fitment

2025 Harley-Davidson® Street Glide Ultra (FLHXU).

Also fits 2023-2025 Harley Davidson® CVO Street Glide (FLHXSE), CVO Road Glide (FLTRXSE), 2024-2025 Street Glide (FLHX), Road Glide (FLTRX), and CVO Road Glide ST (FLTRXSTSE) with add on OEM King Tour-Pak® Luggage 53000775.

## Suggested Tools

Safety Glasses  
Phillips Screwdriver  
T25 TORX Socket or T-Handle  
Drill w/ 1/8", 5/16", 3/16", 9/16" Drill Bits and Stepper Bit.

## Installation

### Warning

Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a qualified technician perform the installation. Improper installation of this kit could result in death or serious injury.

1. Remove all necessary parts to disconnect the negative battery cable from the battery.
2. Remove all contents from the Tour-Pak® and support the lid open to access the lid tether anchor.
3. Remove the 2 screws holding the lid tether anchor to the lower Tour-Pak®. Shown in **Figure 1**.
4. Remove the Tour-Pak® liner.
5. Reinstall the Tour-Pak® tether anchor to the lower Tour-Pak®.
6. Remove the white protective film from the adhesive strips on the Drill Template. Shown in the **Drill Template Drawing Legend**.
7. Align the "L" shaped cutout side of the Drill Templet with the rear Tour-Pak® lid hinge. Shown in **Figure 2**.
8. Pull the Drill Templet around the backside of the Tour-Pak® so the other side of the Drill Template meets the Tour-Pak® latch. Shown in **Figure 3**.
9. Carefully inspect the Drill Template, making sure it is straight and laying flat across the back of the Tour-Pak®. If the Drill Template is not straight, remove the Drill Template and repeat Steps 7 and 8.
10. Mark the Drill Template screw mount holes and connector pass through. Only mark the radio or CB antenna holes if the motorcycle is equipped with them. Shown in **Drill Template Drawing Legend**.
11. Remove the Drill Template.
12. Using a 3/16" drill bit, drill the 8 screw mounting holes in the back of the Tour-Pak®.
13. Cut the square connector pass through out of the back of the Tour-Pak®.

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## Installation Instructions Continued - 2

- If installing the radio and cb antennas, use a 9/16" drill bit to drill the radio antenna hole and a 5/16" drill bit to drill the cb antenna hole.
- Drill an 1/8" pilot hole in the right front bottom of the Tour-Pak® for the supplied CD-HARN-TP-1 Harness to go through. Shown in **Figure 4**. CD-HARN-TP-1 Harness will connect to ProBEAM® Sequential Tour-Pak® Light connectors on the inside of the Tour-Pak®. Use a stepper drill bit to open the hole to the needed size.

### Note

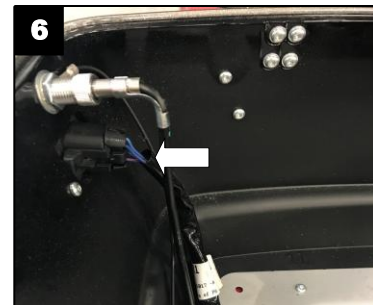
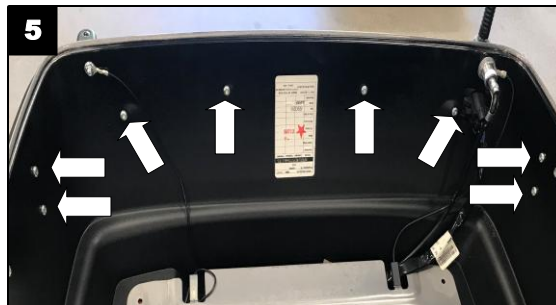
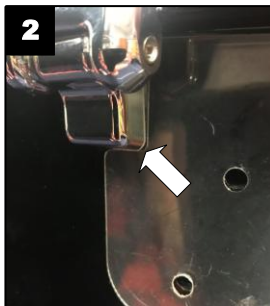
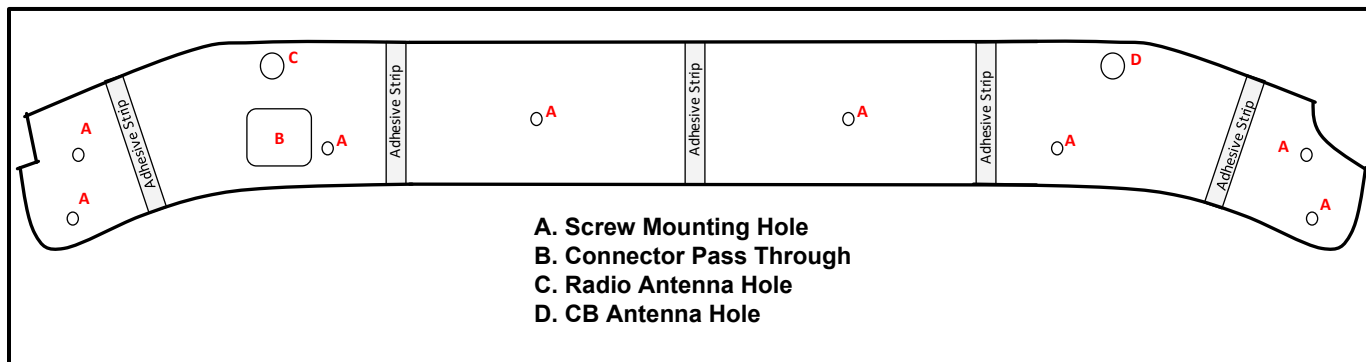
Recommend drilling hole to the size of the wires and de-pinning the connector to route wire through hole.

- Connect the supplied CD-TP-QD-23-I Harness in-line to the rear lighting connector under seat and connect the wire from the CD-HARN-TP-1 Harness to CD-TP-QD-23-I Harness.
- The Tour-Pak® is now ready for the ProBEAM® Sequential Tour-Pak® Light to be installed.
- Install the ProBEAM® Sequential Tour-Pak® Light using the supplied Mounting Screws. Shown in **Figure 5**.
- Install the remaining hardware for the ProBEAM® Sequential Tour-Pak® Light and plug in the CD-HARN-TP-1 Harness into the ProBEAM® Sequential Tour-Pak® Light. Shown in **Figure 6**.

### Notice

Hand start all bolts, **DO NOT** use impact wrench/"zip gun" when installing.

### Drill Template Drawing Legend



- Install the supplied Antenna Stud Hole Plugs (If antennas are not being used) in the ProBEAM® Sequential Tour-Pak® Light.
- Reinstall Tour-Pak® liner to the inside of the Tour-Pak®.
- Reconnect the negative battery cable to the battery and reinstall the seat.
- Test the Custom Dynamics® ProBEAM® Sequential Tour-Pak® Light for proper operation.

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### Program Mode

To select the turn signal configuration, key-on/power-on the ignition switch then engage the right turn signal. Place the supplied magnet at/near the position shown in **Figure 7** within 20 seconds of key-on/power-on. Once the ProBEAM® Sequential Tour-Pak® Light senses the magnet, it will change and display the next turn signal configuration. See order of configurations below. To cycle to the next turn signal configuration, move the magnet away from the position in **Figure 7** and bring it back to the previous position within 10 seconds. If the magnet is continuously held at/near the position in **Figure 7**, the ProBEAM® Sequential Tour-Pak® Light will display or demonstrate the current Turn Signal configuration. If the magnet is removed for longer than 10 seconds, the turn signal configuration will be saved.

Choose between three turn signal function modes.

- **Sequence On:** The turn signal LED's Turn ON in sequence from inward to outward.
- **Sequence Off:** The turn signal LED's all Turn ON initially, then sequence OFF from inward to outward
- **Standard Flash**

