FORD F-150 LIGHTNING AND 2021+ F150 (console shift) CONSOLE USER GUIDE

Description	Part Number
FORD F-150 LIGHTNING AND 2021+ F150 (console shift) CONSOLE	AS4.C247.101
FORD F-150 LIGHTNING AND 2021+ F150 (console shift) CONSOLE WITH MOUSETRAP	AS4.C247.102
FORD F-150 LIGHTNING AND 2021+ F150 (console shift) CONSOLE BOX	AS4.C247.105

GENERAL INSTRUCTIONS

Safety:
- Safety is dependent on the proper installation and servicing of this product. It is important to read and follow all instructions before installing this product.
- Proper installation requires a good understanding of automotive electrical systems and is recommended to be performed by qualified technicians only.
- There are no adjustments or user serviceable parts within this product. Opening the case will void the product warranty
- Do not install equipment or route wires in the deployment path of any air bag, or where it may interfere with critical safety or operating controls of any vehicle.

Wiring:
- PMT does not recommend relying on a cigarette socket adaptor for powering critical equipment. We recommend hard wiring using a good clean ground direct from the vehicle battery neg(-) post, and pos(+) supply from a fused location also directly from the vehicle battery.
- Visit https://www.precisionmounts.com/product-information for a copy of our general wiring and troubleshooting guide.

Proper Use and Care:
- Proper care and use of this product is critical to maximize safety
- Clean equipment using a mild soap and water mix only
- Never use damaged equipment
- Inspect and tighten hardware periodically as required
- Contact PMT for product and service support

SERVICING *[ENTRETIEN]*:
- If this product does not work as intended, please contact PMT for troubleshooting or to schedule a service. *[Si le dock ne fonctionne pas comme prévu, contactez PMT pour le dépannage ou pour planifier un service.]*
- Service should be only done by authorized service center personnel. Unauthorized servicing of the unit will void its warranty. *[L'entretien du dock ne doit être effectué que par le personnel du centre de service autorisé. Un entretien non autorisé du dock annulera sa garantie.]*

Power:
- The power input for the wireless charger should be 13v DC 2A

Environmental:
- Storage: -20°C to 80°C (-4°F to 176°F)
- Operating: 0°C to 40°C (32°F to 104°F)
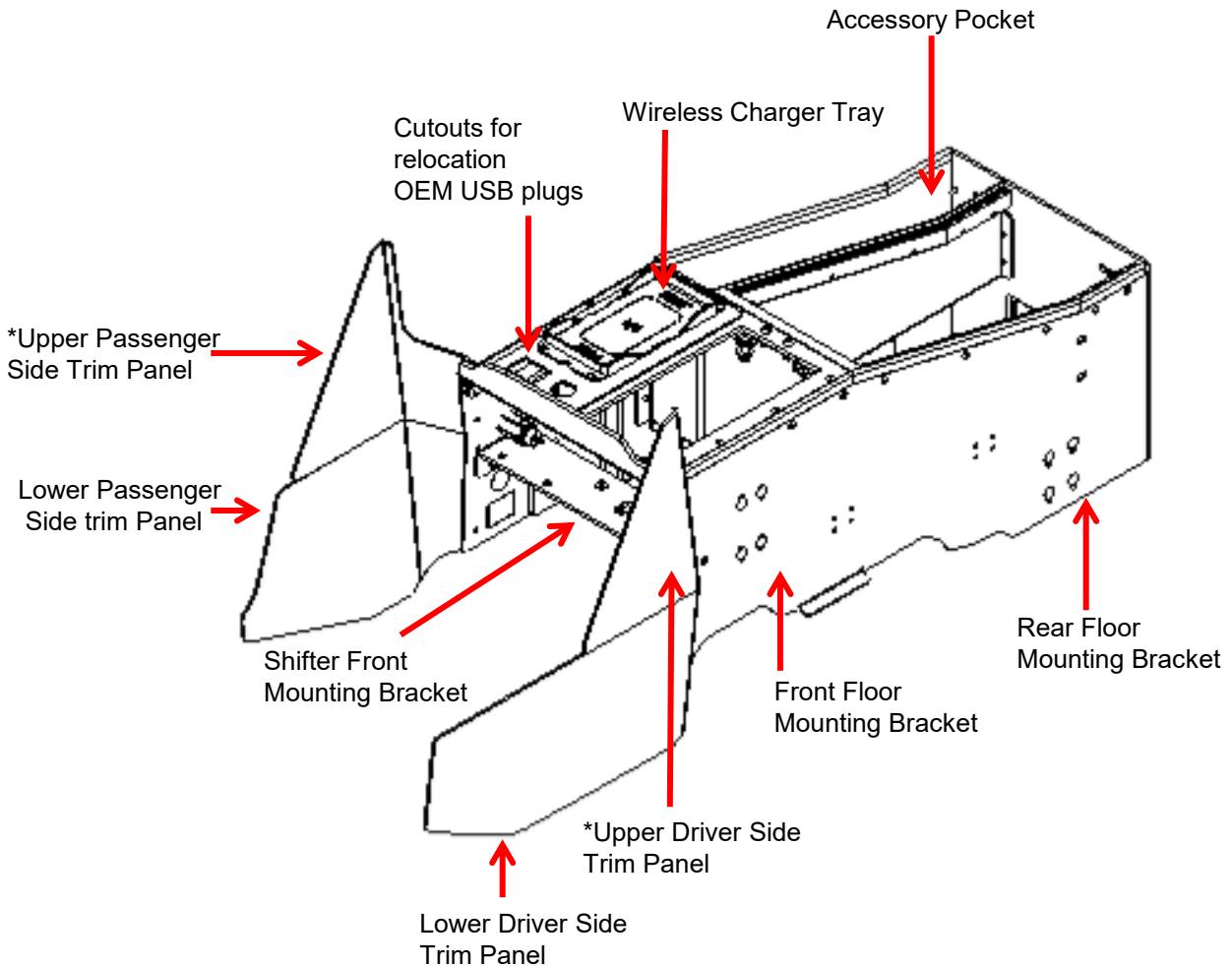
PRODUCT VISUALS

PARTS & HARDWARE DESCRIPTION
AS4.C247.101/102/105

Accessory Pocket

Wireless Charger Tray

Cutouts for relocation OEM USB plugs

*Upper Passenger Side Trim Panel

Lower Passenger Side trim Panel

Shifter Front Mounting Bracket

Rear Floor Mounting Bracket

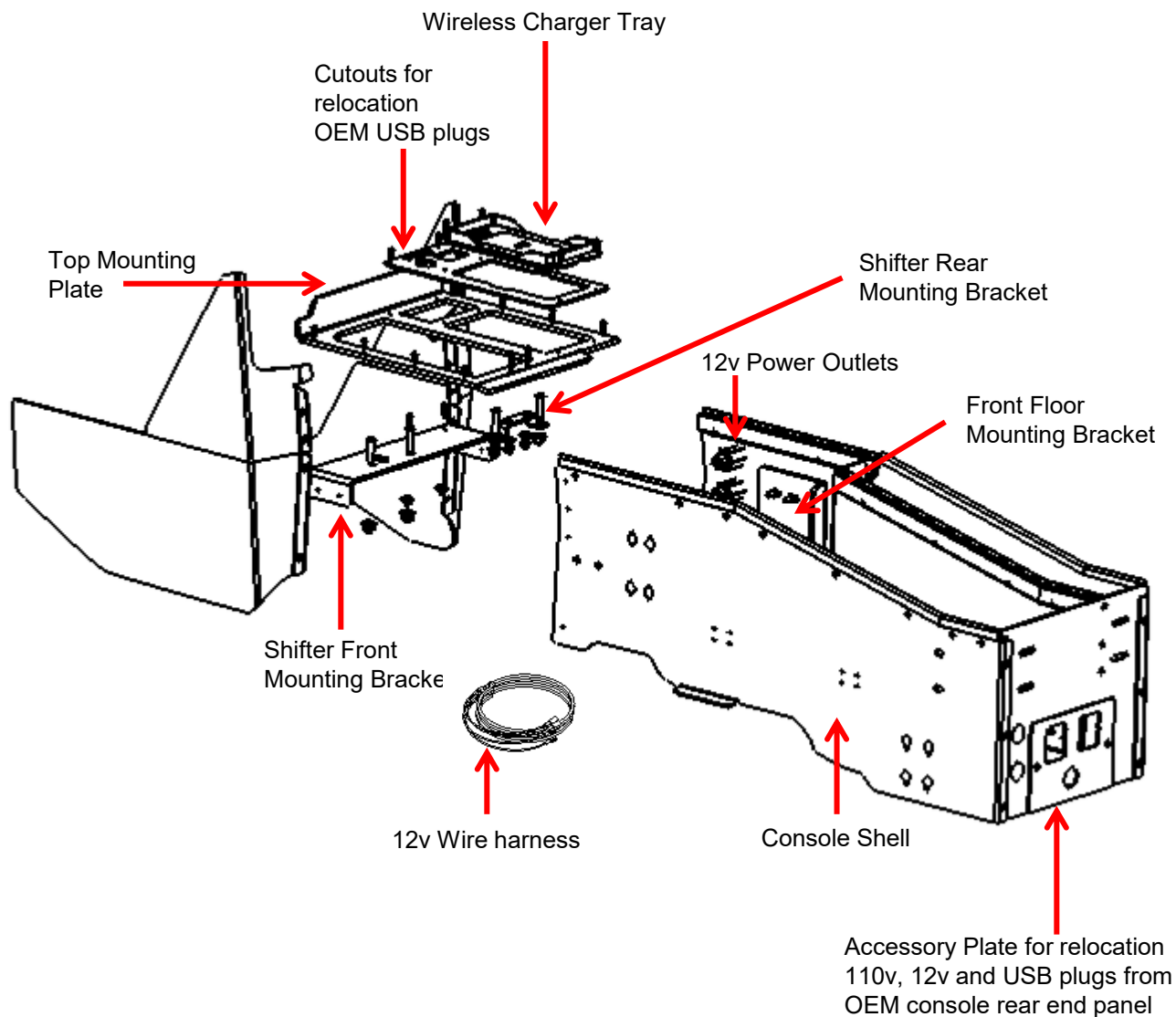Front Floor Mounting Bracket

*Upper Driver Side Trim Panel

Lower Driver Side Trim Panel

*Two upper trim panel sets are included with the console for use with various trim levels of vehicle. Pro models with the smaller center screen will use the taller trim panels (shown above) where vehicles with the large center screen will use the smaller trim panels (shown on page 9)

PARTS & HARDWARE DESCRIPTION

AS4.C247.101 / 102 / 105

Wireless Charger Tray

Cutouts for relocation OEM USB plugs

Top Mounting Plate

Shifter Rear Mounting Bracket

12v Power Outlets

Front Floor Mounting Bracket

Shifter Front Mounting Bracket

12v Wire harness

Console Shell

Accessory Plate for relocation 110v, 12v and USB plugs from OEM console rear end panel

INSTALLATION INSTRUCTIONS

Tools and hardware required:

- Socket set suitable for #1/4-20 wrench
- Socket set suitable for 5/16-18 wrench
- Socket set suitable for #10-24 Hex Allen key
- Philips screwdriver

Installation parts:

Quantity	Description
1	Driver side top trim panel
1	Driver side bottom trim panel
1	Passenger side top trim panel
1	Passenger side bottom trim panel
1	Wire harness for the 12v ports

INSTALLATION INSTRUCTIONS

Step 1
Remove OEM console by detaching side trim panels, disconnecting wire harness and removing mounting screws.

Step 1.1
Remove wiring harness from the OEM console.

Step 1.2
Remove the shifter.
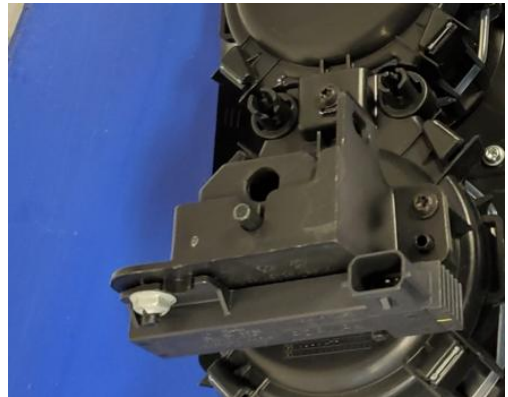Remove all charging port modules and power plugs from the OEM console
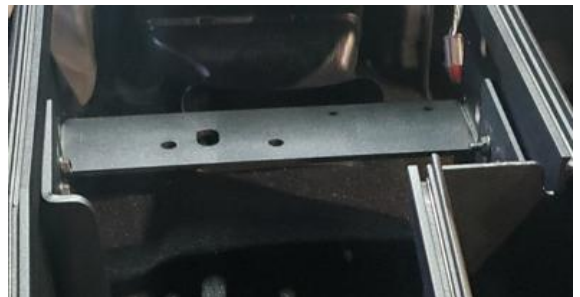
INSTALLATION INSTRUCTIONS

View of The OEM Console

Step 2
Remove keyless entry antenna with its mount from underneath the cup holder. Only remove the antenna's mounting screws. (Don't remove the captive nuts)

Step 2.1
Attach the keyless entry antenna to the front shifter bracket using 10-24 X 5/8 bolts, washers and Nylok nuts.

INSTALLATION INSTRUCTIONS

Step 2.2
Install the front power port modules to the
wireless charger face plate.

Step 2.3
Install the rear power port modules to the
USB plugs plate.

INSTALLATION INSTRUCTIONS

Step 3

Attach the console shell to the floor using the OEM bolts.
Adjust the front bottom trims while tightening the 16 carriage bolts.

Step 3.1

Loosely attach the shifter to the rear mounting bracket using 5/16-18 X1-1/4 bolts, washers and Nyloc nuts. Then attach the top plate to the console

Step 3.2

Loosely attach the shifter to the front mounting bracket using 5/16-18 X1-1/4 bolts, washers and Nyloc nuts.

INSTALLATION INSTRUCTIONS

Step 3.3
Adjust the shifter in place and tighten all the hardware.

Step 4
Attach all the wire harness connectors to the ports and vehicle. Test the connections after starting the vehicle.
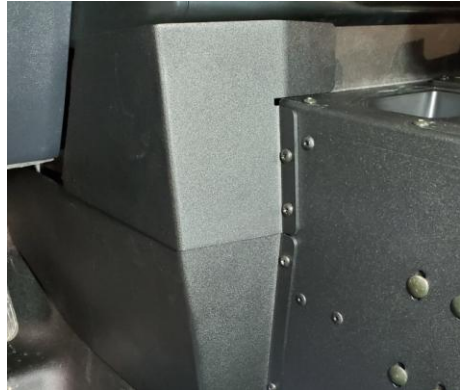

Step 4.1
Attach the wireless charger plate and tray to the top plate.

INSTALLATION INSTRUCTIONS

Step 4.2

Attach the top side trims to the console using #10-32 – 3/8 Phillips PAN Head screws.

Step 4.3

Install desired faceplates, equipment and accessories to complete the installation. Refer to "PMT Face Plate Installation Guide" found at precisionmounts.com if required.

WIRELESS CHARGER USER GUIDE

The mobile phone wireless charging module is compatible with 7.5W fast wireless charging for iPhone 8 to iPhone 13 series mobile phones, as well as wireless charging for other mobile phones and devices that support the Qi wireless charging protocol.
Note: The greater the distance from the center point, the worse the charging effect. Cases may affect charging performance

When wireless transmitter charges mobile phone and other receiving devices, the buzzer rings when charging starts (select function).

Mobile Phone Wireless Charging Introduction:

Name	Power-on momentary state	Woking State	Foreign Object Detection State	Standby prompt
Phone Charging indicator State	Blink for 1 second off	Long bright blue light	Flashing red light	Turn off the light after 3 seconds of red light

Wireless Charging Output Protection

Output Short Circuit Protection
When the output of the receiver is short-circuited, the receiver sends an abnormal signal to the transmitter, and the transmitter stops working. When the receiver is removed, the transmitter will return to the standby state.

Over-temperature Protection
When the NTC temperature of the transmitter's temperature sensor is higher than the set value (default 65°C), the transmitter will stop working, and the temperature returns to a normal state. When the temperature is reduced to 50℃, the transmitter returns to normal working.

Metal Detection
When a metal object larger than a coin-sized product is detected on the transmitter coil, the transmitter will stop working. After the metal object is removed, the transmitter returns to normal state.

Foreign Object Detection
When the transmitter and receiver are working normally, a coin-sized metal object is inserted between the transmitter coil and the receiver coil, and the transmitter must stop working within 2 minutes (the receiver protocol version requires WPC1.1 or above). [END]