

SECTION 501-10: Seating
REMOVAL AND INSTALLATION

2014 F-150 Workshop Manual
Procedure revision date: 10/25/2013

Seat Backrest Heater Mat — Front

Removal

NOTICE: The heater mat is not designed to be separated from the foam pad. Doing so will damage the foam pad. Install a new foam pad and heater mat. Failure to follow this instruction can result in seat component damage and system failure.

NOTE: For parts identification and location, refer to [Seat — Exploded View, Front](#) in this section.

1. Remove the seat backrest cover. For additional information, refer to [Seat Backrest Cover — Front](#) in this section.
2. Disconnect the backrest heater mat electrical connector and detach the wiring harness.
 - Note wire harness routing for correct installation.
3. Remove the backrest foam pad with heater mat and discard.

Installation



WARNING: Never install heated seat parts not intended for use on this vehicle. Parts released for other model years or vehicle lines are not compatible even if they appear visually and physically similar. Installing incorrect parts will result in heated seat system performance outside design specification. Failure to follow this instruction may result in serious personal injury.

1. Install the backrest foam pad to the backrest frame.
2. **NOTICE:** Remove the paper strip covering the adhesive before adhering the heater mat to the foam pad. Otherwise, damage to the seat can occur.

NOTE: When adhering the heater mat to the foam pad, be sure to position the heater mat so it is straight and free of any wrinkles that may show through the cover material after installation.

Install the heater mat to the foam pad.

- Align the heater mat square to the seat backrest with the narrow area of the heater mat tucked into the valley of the foam pad and the wiring toward the lower edge.
 - Align the upper windows of the heater mat over the listing wire in the foam pad to allow for hog ring installation when the backrest cover is installed.
 - Firmly apply the heater mat to the foam pad and rub to seal the adhesive.
3. Route the electrical connector and wire harness through the hole at the bottom of the foam pad, fasten the wire harness and connect the electrical connector.
 4. Install the seat backrest cover. For additional information, refer to [Seat Backrest Cover — Front](#) in this section.
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