

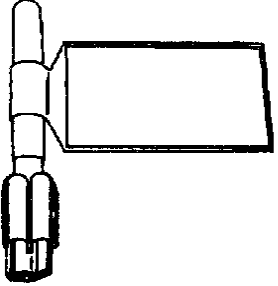
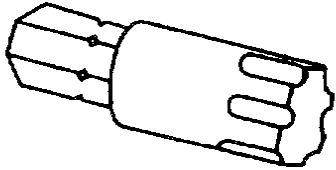
2002 Ford Truck Ranger 2WD V6-3.0L VIN U

Vehicle &gt; Body and Frame &gt; Seats &gt; Service and Repair &gt; Procedures &gt; Removal and Installation

## FRONT SEAT

## Special Tool(s)

**Special Tool(s)**

 <p>ST2506-A</p>	<p><b>Diagnostic Tool, Restraint System (2 Req'd)</b> 418-F088 (105-R0012)</p>
 <p>ST1181-A</p>	<p><b>Torx Bit, Safety Belt Bolt</b> 501-010 (T77L-2100-A)</p>

## SPECIAL TOOL(S)

## REMOVAL

**WARNING:**

^ ALWAYS WEAR SAFETY GLASSES WHEN REPAIRING AN AIR BAG SUPPLEMENTAL RESTRAINT SYSTEM (SRS) VEHICLE AND WHEN HANDLING AN AIR BAG MODULE. THIS WILL REDUCE THE RISK OF INJURY IN THE EVENT OF AN ACCIDENTAL DEPLOYMENT.

^ AFTER DEPLOYMENT, THE AIR BAG SURFACE CAN CONTAIN DEPOSITS OF SODIUM HYDROXIDE, A PRODUCT OF THE GAS GENERANT COMBUSTION THAT IS IRRITATING TO THE SKIN. WASH YOUR HANDS WITH SOAP AND WATER AFTERWARDS.

^ NEVER PROBE THE CONNECTORS ON THE AIR BAG MODULE. DOING SO CAN RESULT IN AIR BAG DEPLOYMENT, WHICH CAN RESULT IN PERSONAL INJURY.

**Vehicles with safety belt buckle pretensioners**

1. Prepare the vehicle for front seat removal.
  - 1 Disconnect the battery ground cable.

**WARNING: TO AVOID ACCIDENTAL DEPLOYMENT AND POSSIBLE PERSONAL INJURY, THE BACKUP POWER SUPPLY MUST BE DEPLETED BEFORE REPAIRING OR REPLACING ANY FRONT OR SIDE AIR BAG SUPPLEMENTAL RESTRAINT SYSTEM (SRS) COMPONENTS AND BEFORE SERVICING, REPLACING, ADJUSTING OR STRIKING COMPONENTS NEAR THE FRONT OR SIDE AIR BAG SENSORS, SUCH AS DOORS, INSTRUMENT PANEL, CONSOLE, DOOR LATCHES, STRIKERS, SEATS AND HOOD LATCHES.**

**PLEASE REFER TO THE APPROPRIATE COMPONENT OR SYSTEM TO DETERMINE LOCATION OF THE FRONT AIR BAG SENSORS.**

**THE SIDE AIR BAG SENSORS ARE LOCATED AT OR NEAR THE BASE OF THE B-PILLAR.**

**TO DEplete THE BACKUP POWER SUPPLY ENERGY, DISCONNECT THE BATTERY GROUND CABLE AND WAIT AT LEAST ONE MINUTE. BE SURE TO DISCONNECT AUXILIARY BATTERIES AND POWER SUPPLIES (IF EQUIPPED).**

2 Deactivate the Supplemental Restraint System (SRS).

**WARNING: TO REDUCE THE RISK OF SERIOUS PERSONAL INJURY, READ AND FOLLOW ALL WARNINGS, CAUTIONS, NOTES, AND INSTRUCTIONS IN THE SUPPLEMENTAL RESTRAINT SYSTEM (SRS) DEACTIVATION/REACTIVATION PROCEDURE.**

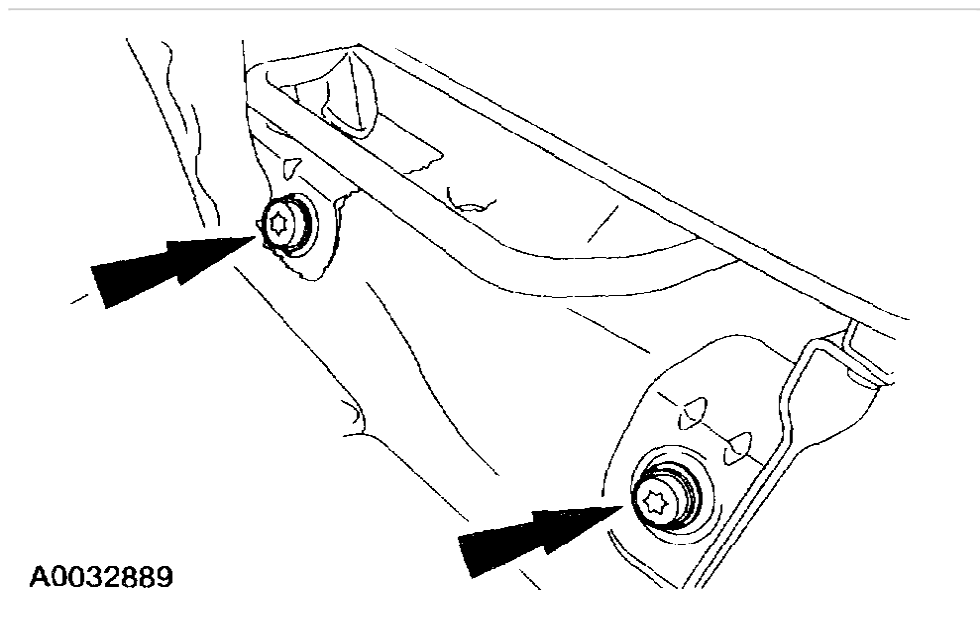
2. Position the seat to its forward most position.
3. Disconnect the safety belt buckle pretensioner electrical connector.

#### **Driver seats without safety belt buckle pretensioners**

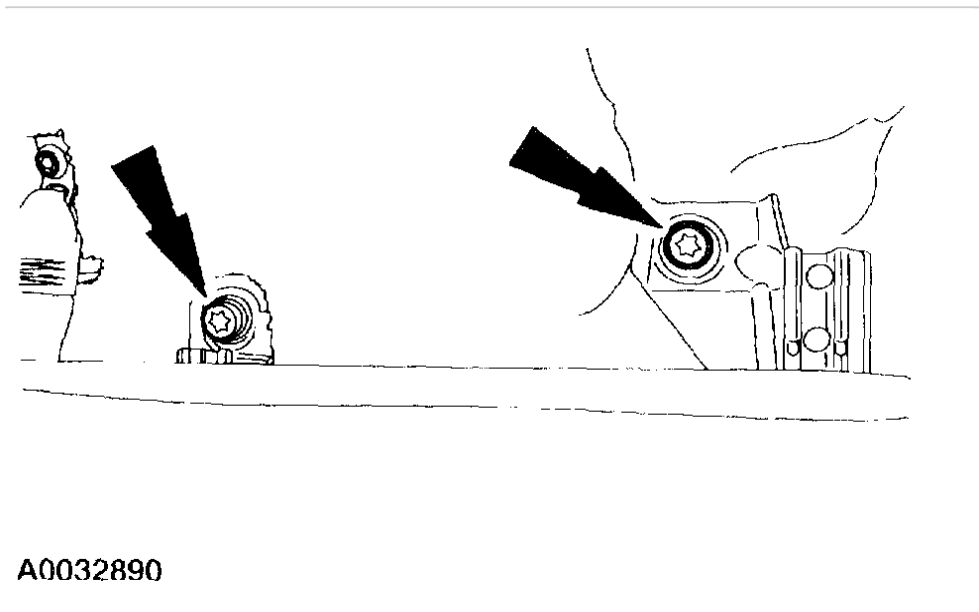
4. Disconnect the safety belt buckle usage switch electrical connector.

#### **All vehicles**

5. Move the seat to its rearmost position.

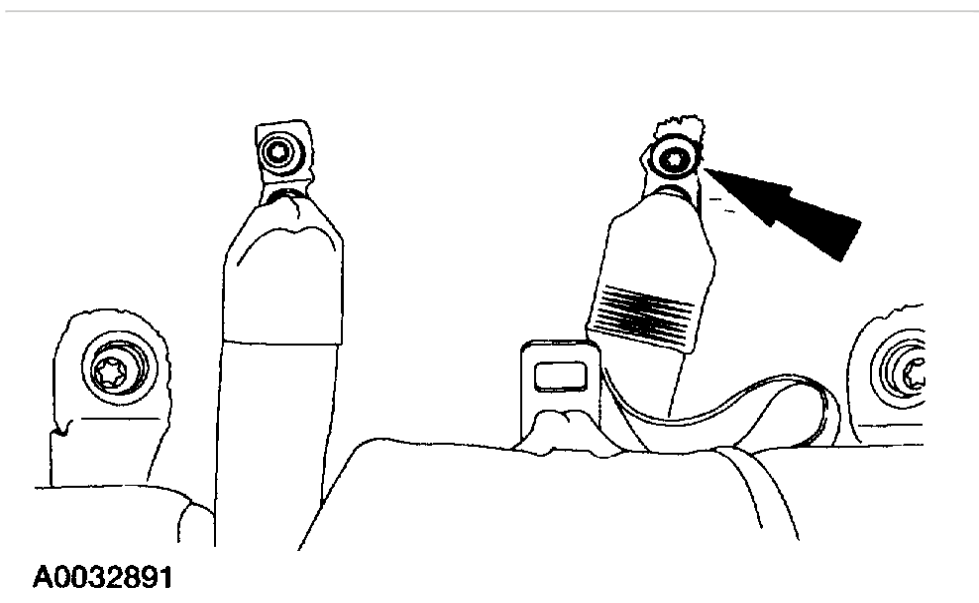


6. Remove the bolts.
7. Move the seat to its forward most position.

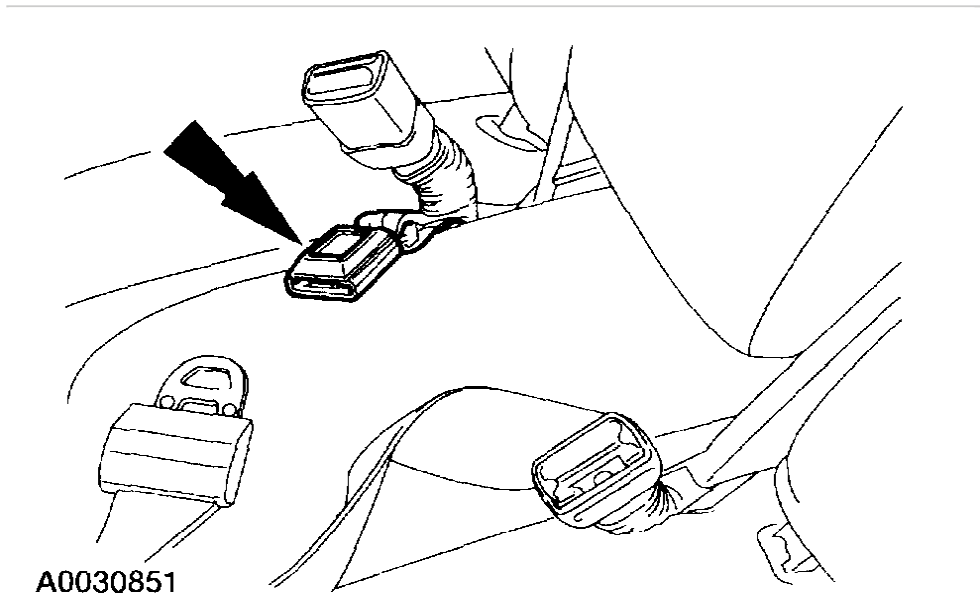


8. Remove the bolts.

#### Vehicles with 60 percent bench seat



9. Using special tool 501-010, remove the safety belt buckle bolt.



10. Route the center safety belt buckle through the locating strap on the side of the seat.

#### **All vehicles**

11. Remove the seat from the vehicle.

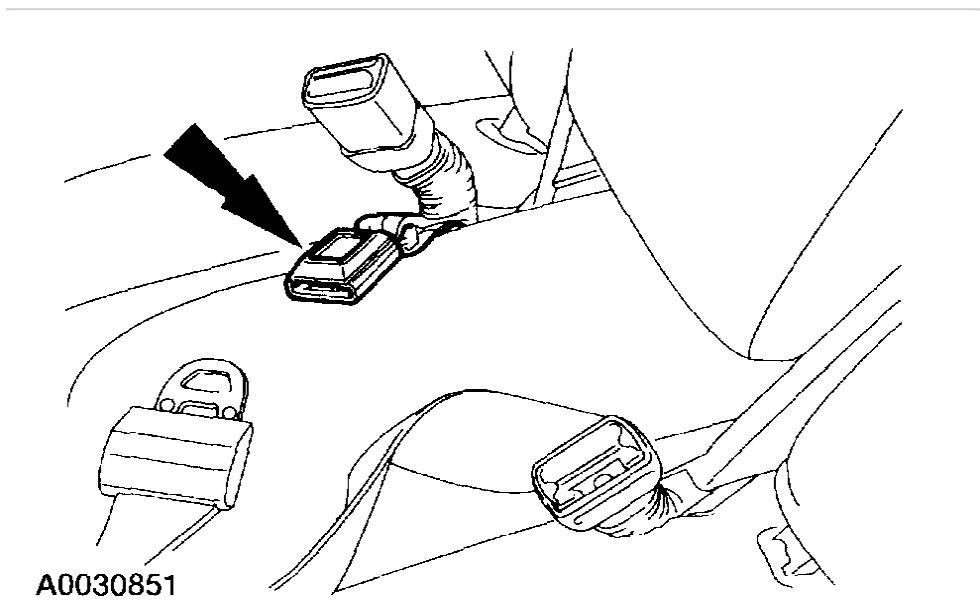
#### **INSTALLATION**

**WARNING: TO REDUCE THE RISK OF SERIOUS PERSONAL INJURY, READ AND FOLLOW WARNINGS, CAUTIONS, AND NOTES AT THE BEGINNING OF THE REMOVAL PROCEDURE.**

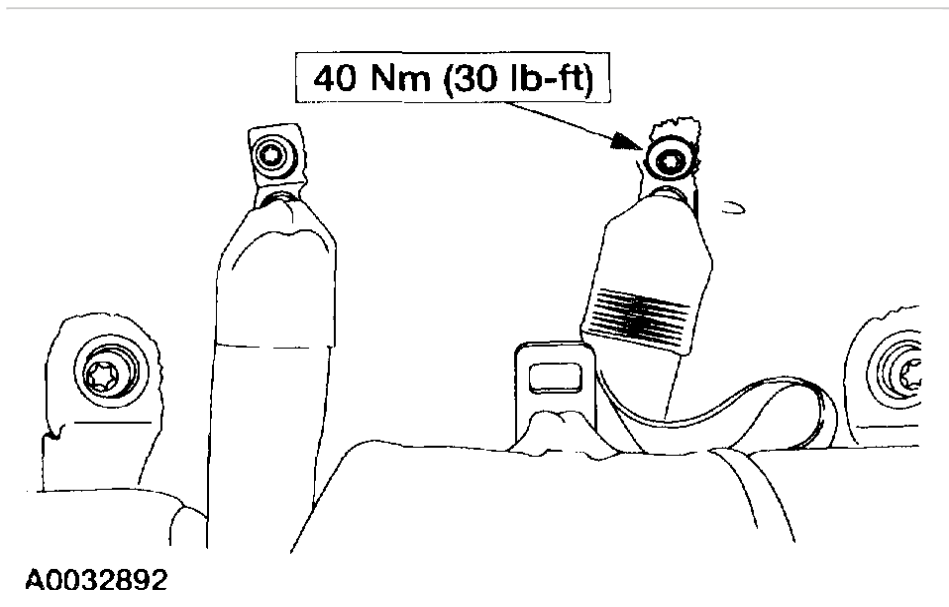
#### **All vehicles**

1. Position the seat in the vehicle.

#### **Vehicles with 60 percent bench seat**

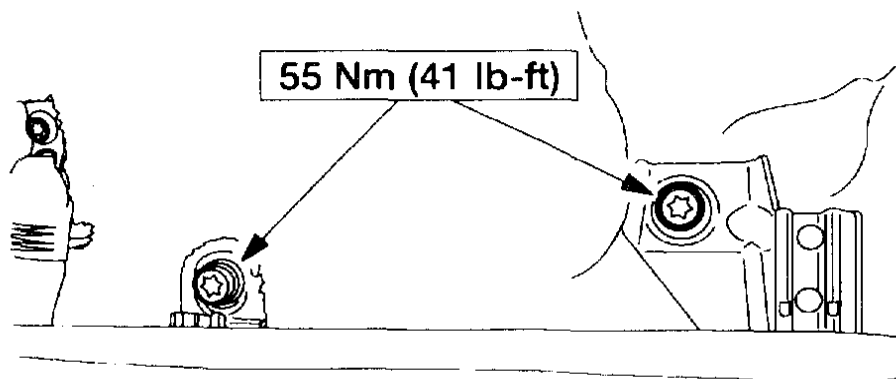


2. Route the center safety belt buckle through the locating strap on the side of the seat.



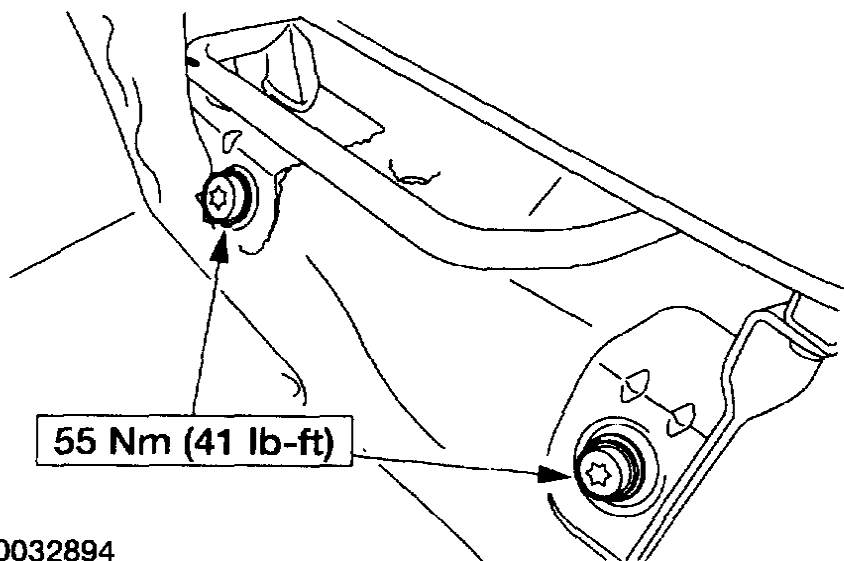
3. Using special tool 501-010, install the safety belt buckle bolt.

**All vehicles**



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4. Install the bolts.
5. Move the seat to its rear most position.



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6. Install the bolts.

#### **Driver seats without safety belt buckle pretensioners**

7. Position the seat to its forward most position.
8. Connect the safety belt buckle usage switch electrical connector.

#### **Vehicles with safety belt buckle pretensioners**

9. Position the seat to its forward most position.
10. Connect the safety belt buckle pretensioner electrical connector.
11. Connect the battery ground cable.
12. With the restraint system diagnostic tools installed at the remaining deployable devices, prove out the supplemental restraint system (SRS).
13. Disconnect the battery ground cable.

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14. Restore the vehicle to operating condition.
  1. Reactivate the supplemental restraint system (SRS).

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2. Connect the battery ground cable.
3. With all restraint system diagnostic tools removed, prove out the supplemental restraint system (SRS).

#### **All vehicles**

15. Check the active restraint system for correct operation.