

Pyrotechnic Device Disposal

Disposal

Disposal of Deployable Devices and Pyrotechnic Devices That Are Undeployed-Inoperative

NOTE: All inoperative airbags, seatbelt pretensioners and inflatable seatbelt inflators have been placed on the Mandatory Return List. Treat all discolored or damaged airbags the same as any inoperative live airbag being returned.

1. **WARNING:** Before beginning any service procedure in this manual, refer to health and safety warnings in section 100-00 General Information. Failure to follow this instruction may result in serious personal injury.

Refer to: Pyrotechnic Device Health and Safety Precautions (100-00 General Information, Description and Operation).

2. Depower the SRS
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
3. Remove the undeployed/inoperative device. Refer to the appropriate procedure in this section or in the seatbelt system section.
4. **NOTE:** When installing a new airbag or inflatable seatbelt inflator, a prepaid return postcard is provided with the replacement part. The serial number for the new part and the VIN must be recorded and sent to Ford Motor Company.

If installing a new airbag, or inflatable seatbelt inflator, record the necessary information and return the inoperative airbag to Ford Motor Company.

Disposal of Deployable Devices and Pyrotechnic Devices That Are Deployed

5. Depower the SRS.
Refer to: Supplemental Restraint System (SRS) Depowering (501-20B Supplemental Restraint System, General Procedures).
6. Remove the deployed device. Refer to the appropriate procedure in this section or in the seatbelt system section.
7. **NOTE:** If a dual stage driver or passenger airbag has deployed due to a crash event, the airbag requires manual deployment to make sure both stages and the active canister vent (if equipped) have deployed before scrapping the vehicle or disposing of the airbag.

Determine if the vehicle is equipped with dual stage driver or passenger airbags.

Refer to: Airbag and Seatbelt Pretensioner Supplemental Restraint System (SRS) - Component Location (501-20B Supplemental Restraint System, Description and Operation).

8. REFER to: Disposal of Deployable Devices and Pyrotechnic Devices That Require Manual Deployment in this procedure.
9. Seal the deployed air bag module(s) in the packaging from the new air bag module(s) or a suitable polythene bag and dispose of the deployed device.
 - If required, dispose of in accordance with local contaminated waste regulations.
 - If there are no local contaminated waste regulations, dispose of the deployed device in the same manner as any other part to be scrapped.

Disposal of Deployable Devices and Pyrotechnic Devices That Require Manual Deployment

NOTE: Safety and environmental concerns require consideration and treatment of restraints system deployable and pyrotechnic devices when disposing of vehicles, deployable devices or pyrotechnic devices. Deploying deployable and pyrotechnic devices before scrapping a vehicle or the device eliminates the potential for hazardous exposures or reactions during processing. If special handling procedures are followed, deployable and pyrotechnic devices can be deployed safely and recycled with the vehicle, shipped separately to a recycling facility or disposed of safely.

10. To determine the deployable devices a vehicle is equipped with:
Refer to: Airbag and Seatbelt Pretensioner Supplemental Restraint System (SRS) - Component Location (501-20B Supplemental Restraint System, Description and Operation).
11. A vehicle equipped with any of the following deployable devices requires manual deployment of the devices before scrapping the vehicle or component. For additional information, refer to the appropriate portion of this procedure.
- 12.

- Driver airbag
- Inflatable seatbelt inflators
- Knee airbag
- Passenger airbag
- Seat side airbag
- Safety Canopy®
- Side air curtain

13. To determine the pyrotechnic devices a vehicle is equipped with:

Refer to: Airbag and Seatbelt Pretensioner Supplemental Restraint System (SRS) - Component Location (501-20B Supplemental Restraint System, Description and Operation).

14. A vehicle equipped with any of the following pyrotechnic devices requires manual deployment of the devices before scrapping the vehicle or component. For additional information, refer to the appropriate portion of this procedure.

15.

- Inflatable seatbelt inflators
- Seatbelt buckle pretensioners
- Seatbelt retractor pretensioners
- Seatbelt anchor pretensioners
- Adaptive load-limiting retractors
- Deployable steering column

16. **NOTE:** *If a dual stage driver or passenger airbag has deployed due to a crash event, the airbag requires manual deployment to make sure both stages and the active canister vent (if equipped) have deployed before scrapping the vehicle or disposing of the airbag.*

To determine if a vehicle is equipped with dual stage driver or passenger airbags:

Refer to: Airbag and Seatbelt Pretensioner Supplemental Restraint System (SRS) - Component Location (501-20B Supplemental Restraint System, Description and Operation).

17. If a dual stage driver or passenger airbag has deployed due to a crash event, the airbag requires manual deployment to make sure both stages and the active canister vent have deployed before scrapping the vehicle or disposing of the airbag. Refer to Driver, Passenger, Knee and Seat Side Airbags - Remote Deployment in this procedure.

Driver, Passenger, Knee and Seat Side Airbags - Remote Deployment

NOTE: *For airbags with multiple loops, deploy all of the loops on the airbag.*

NOTE: *Some driver and passenger front airbags have 2 deployment stages and an active canister vent. After a collision it is possible that Stage 1 has deployed and Stage 2 and the active canister vent have not. If a front airbag has deployed, it is mandatory the front airbag be remotely deployed using the appropriate airbag disposal procedure.*

NOTE: *A typical airbag disposal is shown that is similar for all vehicles.*

18.

- **NOTE:** *The tires must be of sufficient size to accommodate the airbag.*

Obtain a tire and wheel assembly and 4 additional tires (without wheels) of the same size.

- With the tire and wheel assembly on the bottom, stack the tires.
- Securely tie all of the tires together.