



Service Engineering Operations
Customer Service Division

Ford Motor Company
PO Box 1904
Dearborn, Michigan 48121

August 13, 2024

TO: All U.S. Ford and Lincoln Dealers

SUBJECT: **Safety Recall 17S42 – Supplement #17**
DO NOT DRIVE VEHICLES
Certain 2004-2006 Model Year Ranger Vehicles
Driver and Passenger Airbag Inflator Replacement

REF: **Safety Recall 17S42 – Supplement #16**
Dated December 13, 2023

New! REASON FOR THIS SUPPLEMENT

THE VEHICLES IN THIS SAFETY RECALL ARE NOT TO BE DRIVEN UNTIL THIS REPAIR HAS BEEN PERFORMED.

- **Service Action:** *The age of these vehicles makes it increasingly possible that a part inside the airbag could rupture and deploy abnormally, resulting in metal fragments striking the driver or other occupants during a crash. This could cause serious injury or death to the driver or passengers. The **DO NOT DRIVE** applies to all customers that have not completed 17S42 including driver and passenger airbag inflators in 2004-2006 model year Ranger.*
- **Administrative Information:** *A \$250 towing allowance has been implemented to help ensure vehicles affected by this **DO NOT DRIVE** safety recall are not driven until the recall repair has been completed.*
- **Labor Allowances:** *A vehicle pick-up and delivery allowance labor operation code 17S42PP has been added.*

AFFECTED VEHICLES

Vehicle	Model Year	Assembly Plant	Build Dates	Parts Availability
Ranger	2004	Edison	Job 1 through Job Last	✓ Available
Ranger	2004 - 2006	Twin Cities	Job 1 through Job Last	✓ Available

Affected vehicles are identified in OASIS and FSA VIN Lists.

NOTE: Parts to complete this recall repair are readily available. The parts used in this recall are shipped directly from the supplier rather than from a Ford parts warehouse.

- **PARTS ARE AVAILABLE FOR ORDERING even though parts warehouses will not show any inventory.**

REASON FOR THIS SAFETY RECALL

In all of the affected vehicles, Takata has determined that the propellant wafers in the airbag inflators may experience an alteration over time, which could potentially lead to an over-aggressive combustion in the event of a crash that requires airbag deployment. This potential condition could create excessive internal pressure when the airbag is deployed, which could result in the body of the inflator rupturing upon deployment increasing the risk of injury to occupants.

New! SERVICE ACTION

Dealers are to replace the driver and passenger airbag inflators. This service must be performed on all affected vehicles at no charge to the vehicle owner.

NOTE: This is a final / permanent repair. All vehicles that were previously serviced under Safety Recall 14B04, 15S22 and/or 16S03 must have this repair performed.

*Owners are advised **not to drive** the affected vehicles (see VIN list) until this repair has been completed. To assist vehicle owners to have this repair completed, dealers are to:*

- Proactively contact owners to instruct them to stop driving their vehicle*
- Arrange to tow the owner's vehicle to the dealership for repairs*
- Re-delivery of the owner's vehicle after repairs have been completed*
- Mobile repairs at the vehicle owner's location*

OWNER NOTIFICATION MAILING SCHEDULE

All original owner letter mailings have been completed. To encourage customers to have this important safety recall completed, follow up owner letter mailings are currently being sent on a regular cadence to customers that have not yet had this recall completed. Dealers must repair any vehicles that arrive at their dealerships, whether or not the customer has received a letter.

PLEASE NOTE:

Federal law requires dealers to complete this recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a dealer could result in a civil penalty of up to \$27,168 per vehicle. Correct all vehicles in your new vehicle inventory before delivery.

New! ATTACHMENTS

- Administrative Information*
- Labor Allowances and Parts Ordering Information*
- Technical Instructions
- Regional Core Recovery Center Airbag Inflator Return Process
- Dealer Q & A
- Mobile Repair Guide
- Deployed, Missing, Incompatible, or Salvage Airbag Handling
- Takata Airbag Recall Rental Vehicle Policy
- Vehicle Pick-up and Delivery Record
- Mobile Service Repair Assessment
- Owner Notification Letters*


QUESTIONS & ASSISTANCE

For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. The SSSC Web Contact Site can be accessed through the Professional Technician System (PTS) website using the SSSC link listed at the bottom of the OASIS VIN report screen or listed under the SSSC tab.

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MOBILE SERVICE REPAIR ASSESSMENT LEVEL

- All repairs in this program have the following assessment level.
 - Light Mobile Service

MOBILE REPAIR RECOMMENDATIONS

- Confirm with the customer a mobile repair is feasible.
- Check OASIS before going to the customer's home or business to confirm if any other outstanding FSA needs to be completed.
- Transportation – due to the simplicity of this repair, a specialty vehicle is not required.

MOBILE REPAIR ADDITIONAL INFORMATION

Please ensure the technician brings the following to the mobile repair destination:

- Printed Technical Instructions
- Printed Repair/Work Order or any other necessary documentation as customer copy(s)
 - Documents could also be emailed to the customer.
- Shirt/uniform and vehicle graphic with the dealership or Ford logos are recommended.

MOBILE REPAIR QUESTIONS AND ASSISTANCE

- For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. Work with Dealership warranty administrator to create a SSSC contact ID#.
- Once an SSSC agent responds to the new contact ID#, you may opt to call the SSSC hotline: (800) 325-5621.

OASIS ACTIVATION

OASIS was activated on December 13, 2017.

FSA VIN LISTS ACTIVATION

FSA VIN Lists were made available through <https://web.fsavinlists.dealerconnection.com> on December 13, 2017. Owner names and addresses were available on April 6, 2018.

NOTE: Your FSA VIN Lists may contain owner names and addresses obtained from motor vehicle registration records. The use of such motor vehicle registration data for any purpose other than in connection with this recall is a violation of law in several states, provinces, and countries. Accordingly, you must limit the use of this listing to the follow-up necessary to complete this recall.

SOLD VEHICLES

- Owners of affected vehicles will be directed to dealers for repairs.
- Immediately contact any of your affected customers whose vehicles are not on your VIN list but are identified in OASIS. Give the customer a copy of the Owner Notification Letter (when available) and schedule a service date.
- Correct other affected vehicles identified in OASIS which are brought to your dealership.
- Dealers are to prioritize repairs of customer vehicles over repairs of new and used vehicle inventory.

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STOCK VEHICLES

- Use OASIS to identify any affected vehicles in your used vehicle inventory.

DEALER-OPERATED RENTAL VEHICLES

The Fixing America's Surface Transportation (FAST) Act law effective June 2016 prohibits a rental company from selling, renting, or leasing vehicles subject to a safety or compliance recall. Please consult your legal counsel for legal advice.

BRANDED / SALVAGED TITLE VEHICLES

Affected branded / salvaged title vehicles are eligible for this recall.

OWNER REFUNDS

Refunds are not approved for this program.

DEPLOYED, MISSING, INCOMPATIBLE, AND SALVAGE AIRBAG HANDLING

For vehicles that have deployed, missing, incompatible, or modified airbags, these situations need to be reviewed by the Special Service Support Center (SSSC). Dealers are eligible for compensation to inspect these vehicles and contact the SSSC. Refer to the Deployed, Missing, Incompatible, or Salvage Airbag Handling attachment for details prior to attempting a repair.

New! TOWING

*A \$250 towing allowance is in place to help ensure vehicles affected by this **DO NOT DRIVE** safety recall are not driven until the recall repair has been completed. Once the repair has been completed the vehicle can then be driven to deliver it to the customer or the customer can pick their vehicle up at the dealership.*

If there are special circumstances that exceed the \$250 allowance to facilitate towing of a vehicle under this recall, submit a VIN-specific APPROVAL REQUEST type contact to the Special Service Support Center (SSSC) for guidance prior to making arrangements.

New! VEHICLE DELIVERY

- *Dealers participating in the Remote Experience Program –
 - Refer to EFC14125, 2024 Remote Experience Program, Pick-Up & Delivery (PDL) Offset section for additional details.*
- *Dealers NOT participating in the Remote Experience Program –
 - Dealers may claim one-half labor hour per repair for vehicle Delivery services.
 - Dealers must retain a Vehicle Pick-Up & Delivery Record with the repair order documentation.*

Safety Recall 17S42 – Supplement #17**NON-TRADITIONAL REPAIR APPROACHES**

To reduce service department capacity constraints and accommodate additional affected vehicle owners, dealers are encouraged to utilize non-traditional repair strategies such as those listed below.

NOTE: For the Takata airbag recall repairs, technician time recording requirements, as specified in the Warranty & Policy Manual, **are not required**. Claims without recording technician time will be accepted.

▪ TAKATA AIRBAG RECALL TRAINING

The Takata Airbag Recall Training eLearning course is now available to help train both dealership employees and non-dealership technicians on the Takata airbag recall repairs. See EFC07422 on FMCDDealer for details.

▪ SPECIALTY WORK AREAS, EMPLOYEES, AND/OR HOURS

- Designate certain technicians and/or advisors for recall-only work to load schedules more efficiently and improve completion times through familiarity of the repairs.
- Designate and/or repurpose potential work areas. For example, wash bays and vehicle delivery areas may be repurposed during slower hours. Shop areas with large, roll-around tools or other items can be re-organized to accommodate repairs. If weather conditions allow, repairs can also be performed outside.
- Utilize evening hours and/or weekends to better accommodate customers and distribute shop workload.

▪ SUBLET REPAIRS

Dealers are encouraged to establish relationships with outside repair facilities, body shops, etc. that the dealer feels are capable of performing quality repairs. The Takata airbag recall repairs may be sublet to outside repair facilities to assist with repair completions. This can be especially helpful to customers in remote areas. Dealers are responsible for providing all required technical information and parts to the facilities to support completion of the repair. Refer to the Warranty & Policy Manual for details on sublet invoice requirements.

NOTE: Claim processing, hazardous material handling, and parts returns must be processed through the dealership's warranty submission process and parts department. Labor operations published in this bulletin should be claimed, not an OSL amount.

▪ QUICK LANE REPAIRS

At the dealer's discretion, dealers with Quick Lanes may now use Quick Lane bays and technicians to perform Takata airbag recall repairs. No other warranty or recall repairs are allowed at Quick Lanes at this time.

NOTE: Claim processing, hazardous material handling, and parts returns must be processed through the main dealership's warranty submission process and parts department.

▪ USED CAR LOTS / OTHER FRANCHISES / AUCTION FACILITIES

Dealers are encouraged to establish ongoing contacts with local used car lots, non-Ford or Lincoln branded dealerships, independent repair facilities, and local vehicle auctions. Dealers should request that these businesses notify them if they acquire vehicles affected by a Takata airbag recall so the repairs can be completed promptly. Mobile repairs can be performed on-site to accommodate these businesses.

Safety Recall 17S42 – Supplement #17**RENTAL VEHICLES**

The recall repair for these vehicles takes less than one hour to complete. With proper dealer parts ordering and service appointment scheduling, rental vehicles should not be required to complete this recall repair.

Short-term rentals are available if a customer **requests** a rental vehicle while their vehicle is being repaired. Refer to the flow chart in the [Takata Airbag Recall Rental Vehicle Policy](#) attachment for the rental vehicle reimbursement process before providing a rental vehicle. If a customer requests a rental vehicle, dealers must:

- order required parts prior to a customer's appointment.
- retain the customer's vehicle until the recall repair is completed and the rental vehicle is returned.
- notify the customer the same day that the recall repair is completed and request that they promptly return the rental vehicle. Rentals exceeding 7 days from the date the customer is notified that their vehicle is repaired, will not be reimbursed.

NOTE: The short-term rental vehicle program is an effort to make it easier for customers to have this recall repair completed and should only be offered when a customer **requests** a rental vehicle. Rental vehicles must not be used to help manage service department scheduling.

IMPORTANT: Dealers are pre-approved for up to 4 days of rental reimbursement while repairs are being performed (no approval code required). As most repairs take less than 1 hour to complete, if more than 4 rental days are required, dealers must request prior-approval from the SSSC for any additional days before the initial 4 days expire. In the SSSC web contact, provide details outlining why additional days are required.

Refer to the flow chart in the [Takata Airbag Recall Rental Vehicle Policy](#) attachment for the full rental vehicle reimbursement process.

If the customer has paid for a rental vehicle or alternative transportation for the purpose of this recall, they are eligible for reimbursement within the guidelines outlined in the Takata Airbag Recall Rental Vehicle Policy. Dealers must follow the same process for claiming rental vehicle reimbursement and then refund the customer.

MOBILE REPAIR CLAIMING QUESTIONS

Dealers participating in the Remote Experience Program:

- Refer to Electronic Field Communication - EFC12071 2023 Remote Experience Program.

Dealers NOT participating in the 2023 Remote Experience Program:

- For questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. Work with the Dealership warranty administrator to create an SSSC contact ID#.
- Once an SSSC agent responds to the new contact ID#, you may opt to call the SSSC hotline: (800) 325-5621.

Safety Recall 17S42 – Supplement #17**REPAIR PHOTO SUBMISSION**

Vehicles that have deployed, missing, or modified airbags need to be reviewed by the Special Service Support Center (SSSC) to ensure the potential risk for airbag inflator rupture is no longer present. Dealers must submit a VIN-specific web contact request to the SSSC with pictures showing the airbag's state and vehicle's VIN plate so a determination can be made.

Ford has requested photo evidence prior to performing the repair for this FSA.

- Upon approval, the SSSC will provide an approval code that must be used for claiming.

ADDITIONAL REPAIR (LABOR TIME AND/OR PARTS)

Additional repairs identified as necessary to complete the FSA should be managed as follows:

- For related damage and access time requirements, refer to the Warranty and Policy Manual / Section 6 – Ford & Lincoln Program Policies / General Information & Special Circumstances for FSAs / Related Damage.
- For vehicles outside new vehicle bumper-to-bumper warranty coverage, submit an Approval Request to the SSSC Web Contact Site before completing the repair.

New! CLAIMS PREPARATION AND SUBMISSION

- **Claim Entry:** Enter claims using Dealer Management System (DMS) or One Warranty Solution (OWS) online.
 - When entering claims, select claim type 31: Field Service Action. The FSA number (17S42) is the subcode.
 - For additional claims preparation and submission information, refer to the Recall and Customer Satisfaction Program (CSP) Repairs in the OWS User Guide.
- **Related Damage/Additional labor and/or parts:** Must be claimed as Related Damage on a separate repair line from the FSA with the same claim type and subcode as described in Claim Entry above.

IMPORTANT: Click the Related Damage Indicator radio button.

- **Vehicle Delivery:**
 - *Dealers participating in the Remote Experience Program –*
 - *Refer to EFC14125, 2024 Remote Experience Program, Pick-Up & Delivery (PDL) Offset section for additional details.*
 - *Dealers NOT participating in the Remote Experience Program –*
 - *Dealers may claim one-half labor hour per repair for vehicle Pick-Up & Delivery services.*
 - *Dealers must retain a Vehicle Pick-Up & Delivery Record with the repair order documentation.*
- **Provision for Towing:** *Dealers are authorized to claim up to a maximum value of \$250 to provide towing services for completing this program. Submit on the same line as the repair.*
 - *Program Code: 17S42*
 - *Misc. Expense: OTHER*
 - *Misc. Expense: Claim up to \$250.00*

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New! **CLAIMS PREPARATION AND SUBMISSION (continued)**

Rental Vehicle Reimbursement: Rental expenses for this FSA must be claimed under FSA 17S42 on the same claim, and same RO line, as the repair.

IMPORTANT: Rental claims **must not** be submitted against 17S42 on a separate claim or RO line from the repair. If this occurs, the FSA on that VIN can close erroneously and cause further warranty claiming concerns.

Dealers are pre-approved for up to 4 days of rental vehicle reimbursement.

- **If the rental period does not exceed 4 days**, submit the rental expense on the same claim and RO line as the repair. Use Misc. Expense Code “RENTAL”. No approval code is needed.
- **If the rental period exceeds 4 days**, a web contact must be submitted to the Special Service Support Center (SSSC) for approval of all required rental days. Include details outlining why additional rental days are required.
 - The SSSC web contact must include all rental expenses, admin and special allowances (if applicable), parts costs, and labor costs. All of these amounts are required so the approval code will cover the entire RO line amount.
 - Enter the total amount of the rental expenses on the same claim, and same RO line, as the repair. Use Misc. Expense Code “RENTAL”.
 - A \$25 administrative fee can be claimed on any rental claims that exceed 4 days of rental. Claim the administrative fee on the same RO line under Misc. Expense Code “FSAEXP”. The \$25 must be included in the SSSC approval amount.

Only actual rental expenses incurred should be claimed, regardless of approval. OWS will accept claims up to the approved RO line amount; SSSC contacts do not need to be updated to decrease approval amounts.

• **Mobile Repair:**

- *Dealers participating in the Remote Experience Program –*
 - *Ford Dealers - refer to EFC14125, 2024 Remote Experience Program.*
 - *Lincoln Retailers - refer to EFC14164, 2024 Remote Experience Program.*
- *Dealers NOT participating in the Remote Experience Program –*
 - *Mobile repair allowances can be claimed for dealer-performed mobile repairs. Dealers that are working with Ford-contracted mobile repair companies should refer to those companies for claiming instructions.*
 - *For dealer-performed mobile repairs, retain a copy of the Service Management signed record (see Repair Procedure Improvement & Revised Labor Time), with the repair order documentation.*
 - *Claim the mobile repair allowance Labor Operation Code 17S42MM along with the applicable Labor Operation Code for the repair (refer to the Labor Allowances table in Labor Allowances and Parts Ordering Information).*

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CLAIMS PREPARATION AND SUBMISSION (continued)

- **For vehicles with deployed, missing, or incompatible airbags or vehicles located in a salvage yard**, the SSSC must be contacted. Refer to the Deployed, Missing, Incompatible, or Salvage Airbag Handling attachment for documentation and process details.
 - For inspection of vehicles with deployed, missing, or incompatible airbags, or vehicles located in a salvage yard, contact the SSSC for claiming information.
 - For reimbursement of purchased non-deployed salvage airbags, claim actual cost up to \$55.
 - Use Misc. Expense code “FSACOMP”.
- Part numbers (8L5Z-10044A74-A and 4L5Z-63043B13-A) used under 14B04, 15S22 and/or 16S03 must no longer to be installed in vehicles and can be returned via the FSA parts return process. Please use “CG” as the claim code and note in the shipper field the FSA bulletin number (17S42).

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New! LABOR ALLOWANCES

Description	Labor Operation	Labor Time
Replace Driver and Passenger Airbag Inflator	17S42B	0.7 Hours
Mobile Service: This allowance is only for <u>non-eligible</u> 2023 Remote Experience Program Dealers. Can be used when the repair takes place away from the dealership If Additional Time is Required Due to Travel, Please Submit an SSSC Approval Form	17S42MM	1.0 Hours
<i>Ford Vehicle Pick-Up & Delivery Allowance:</i> <i>This allowance is only for <u>non-eligible</u> 2024 Remote Experience Program Dealers.</i> <i>NOTE: This allowance is for dealer-performed vehicle Pick-Up & Delivery for dealership repairs only. Can only be claimed once, regardless of outstanding FSAs repaired.</i>	<i>17S42PP</i>	<i>0.5 Hours</i>
Deployed, Missing, or Incompatible Airbag Handling*	Contact the SSSC	
Salvage Airbag Handling*	Contact the SSSC	

*Refer to the 'Claims Preparation and Submission' section in this bulletin for additional claiming details.

NOTE: Performing the supplemental restraint depower procedure and clearing DTCs was included in previous airbag inflator recalls 14B04, 15S22 and/or 16S03, but is no longer required.

PARTS REQUIREMENTS / ORDERING INFORMATION

Parts are available for open order

Part Number	Description	Order Quantity	Claim Quantity
4L5Z-10043B13-D	Driver Airbag Inflator Kit	1	1
8L5Z-10044A74-F	Passenger Airbag Inflator Kit - Assembled	1	1

Order your parts through normal order processing channels. To guarantee the shortest delivery time, an emergency order for parts must be placed.

NOTE: The parts used in this recall are shipped directly from the supplier rather than from a Ford parts warehouse. **PARTS ARE AVAILABLE FOR ORDERING even though parts warehouses will not show any inventory.**

IMPORTANT: Ford recommends replacing any dealer stock of 8L5Z-10044A74-D with the new kit part number 8L5Z-10044A74-F. Dealer stock of 8L5Z-10044A74-D can be returned following the procedure outlined in the Supplier Returns section of the Dealer Parts Policy & Procedure Manual. Dealers must use Category Type GA (Field Service Actions Parts Return), and all returned parts MUST be unopened with the original box seal intact.

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DEALER PRICE

For the latest prices, refer to DOES II.

PARTS RETURN FOR INFLATORS REMOVED FROM VEHICLES

NOTE: All replaced driver and passenger airbag inflators must be returned in the new part box. If the new part box is damaged or lost, contact XPO logistics at 210-250-5079 or SCFieldAction.14305@xpo.com for a replacement box.

NOTE: The Regional Core Recovery Center will only pick-up parts that have a corresponding FCS-700 Tag.

- Part return instructions:
 - Dealers must monitor their OWS parts status report. A FCS-700 tag will be generated for each driver and passenger airbag inflator. Parts will be picked up by the RCRCs.
 - The RCRC will not pick up parts that are not properly packaged in the new part box.
 - Refer to Attachment IV for specific part return instructions and documentation.
 - Disregard prepaid FedEx shipping instructions that may be included in new part boxes.
- Part return instructions for **dealers outside of the lower 48 United States:**
 - Continue to follow the previous FedEx airbag inflator return process of contacting Miguel Prigadaa at 210-250-5078 or Miguel.Prigadaa@email.xpo.com.
 - Follow the provisions of the Warranty and Policy Manual, Section 1 “WARRANTY PARTS RETENTION AND RETURN POLICIES.”

IMPORTANT: If a FCS-700 Tag is not issued, or the OWS parts status report directs to “Scrap” a part replaced under this safety recall, please submit a General Request to the SSSC Web Contact Site stating that you were directed to scrap a part.

PARTS RETURN FOR 8L5Z-10044A74-A and 4L5Z-63043B13-A IN DEALER STOCK

Dealer stock of part numbers 8L5Z-10044A74-A and 4L5Z-63043B13-A must no longer to be installed in vehicles and may be returned via the FSA parts return process. Please use “CG” as the claim code so they will be flagged as “defective” and note in the shipper field the FSA bulletin number (17S42).

NOTE: Ship dealer stock parts via contract carriage. Do not attempt to return parts using the shipping labels in the FCS-12637 return kit.

EXCESS STOCK RETURN

To support NHTSA-assigned completion mandates for the Takata airbag recalls, excess stock returns were not accepted for unused new recall remedy parts until 85% of all affected vehicles had been repaired. Ford has now exceeded the 85% completion rate threshold.

Please keep inventory for those open VINs within your Primary Market Area to ensure that customers can get open recalls completed as quickly as possible.

Dealers should utilize their FSA VIN list and DMS information to determine their affected customers parts needs and repair all vehicles that are brought to your dealership with an open Takata airbag recall.

Excess stock returned for credit must have been purchased from Ford Customer Service Division in accordance with Policy Procedure Bulletin 4000.

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REPLACED FSA PARTS INSPECTION AND SIGN OFF

Effective March 1st, 2021, all parts replaced as part of an FSA repair with a repair order open date of March 1st, 2021, or later must be inspected and signed off on the repair order by a member of your dealer fixed operations management team or an employee of the task has been delegated to. If the task is to be delegated to a non-management employee, the employee needs to be someone other than the technician who completed the repair and needs to understand the importance of completing this task consistently and accurately.

- All parts replaced as part of an FSA repair should be returned to the parts department following the Warranty Parts Retention and Return Policies.
- Inspect the replaced parts to verify the FSA repair was completed.
- If the FSA repair is found to be complete, the designated employee signs the repair order line or parts return stamp area (electronic or hand signed) for the FSA repair indicating the parts were inspected and validated to have been replaced.
- After the parts have been inspected, they should be handled based on the guidance in the parts status report in the Online Warranty System (Hold, Return, CORE, Scrap, etc.). Please visit FMCDEALER > PARTS & SERVICE > WARRANTY ADMINISTRATION & WARRANTY PARTS RETURN for the latest [Immediate Scrap List](#) information.
- This process is subject to review during warranty audits for FSA repairs with a repair order open date of March 1st, 2021, or later. Any eligible FSA claims requiring parts replacement found not to have been inspected and signed off during a warranty audit will be subject to chargeback and consideration for enrollment into the Dealer Incomplete Recall Repair Process.

Note: Other approvals (electronic or handwritten) for add-on repair lines, dealer-owned vehicle repairs, and repeat repairs do not qualify as FSA parts inspection approvals. The post-repair FSA parts inspection process (electronic or handwritten) is independent of other warranty approval requirements. The approval by the designated employee implies that the FSA parts were found to be replaced and must be able to be identified on the Repair Order. If multiple FSAs require approval on a single Repair Order, each applicable occurrence will require individual post-repair approval by the designated employee.

CERTAIN 2004 – 2006 RANGER VEHICLES — DRIVER AND PASSENGER AIRBAG INFLATOR REPLACEMENT

NEW ! OVERVIEW

Takata has determined that the propellant wafers in some airbag inflators may experience an alteration over time, which could potentially lead to an over-aggressive combustion in the event of a crash that requires airbag deployment. This potential condition could create excessive internal pressure when the airbag is deployed, which could result in the body of the inflator rupturing upon deployment increasing the risk of injury to occupants.

Dealers are to replace the driver and passenger airbag inflators. The serial number from both new airbag inflators must be recorded on the repair order. Place the replaced inflators into the packaging from the new part and provide to the appropriate dealership personnel for part returns.

NOTE: Orientation of the passenger airbag inflator is critical.

– Review each step carefully.

– For installation, pay close attention to the instruction sheet given in the new part box.

NOTE: For vehicles that the airbags have deployed or that have other modifications preventing the recall repair from being completed, submit a VIN specific request to the SSSC Web Contact Site prior to attempting a repair. Attach pictures of the vehicles airbag modules to the request.

NEW ! SERVICE PROCEDURE

Recommended Tools:

1/4" Drive Deep Socket - 7mm
1/4" Drive Ratchet
1/4" Drive Extension - 6" (152mm)
1/4" Drive Shallow Socket - 8mm
1/4" Drive Impact Driver
1/4" Drive Torque Wrench
Side Cutters
Utility Knife
Needle Nose Pliers
Pocket Screwdriver



DRIVER AIRBAG INFLATOR REPLACEMENT

⚠ WARNING: Failure to follow the instructions and warnings in the Workshop Manual (WSM) may result in injury.

NOTE: If the Airbag Readiness light indicates no Supplemental Restraint System (SRS) faults are present, it is not necessary to follow the WSM SRS Depowering and Repowering steps. Turn the ignition to OFF and wait 1 minute, then it is safe to proceed with airbag inflator replacement.

NOTE: The ignition must remain OFF until this service procedure is completed.

1. Remove the driver airbag from the vehicle. Please follow the WSM procedures in Section 501-20B.
2. Set the airbag face down onto a surface that will not scratch or damage the airbag face.

⚠ WARNING: Do not allow any debris on or around the airbag once the inflator is removed.

3. Release the retaining tab and slide the driver airbag inflator connector off of the tang. See Figure 1.
4. Remove and discard the four airbag inflator retaining nuts from the driver side airbag. See Figure 1.

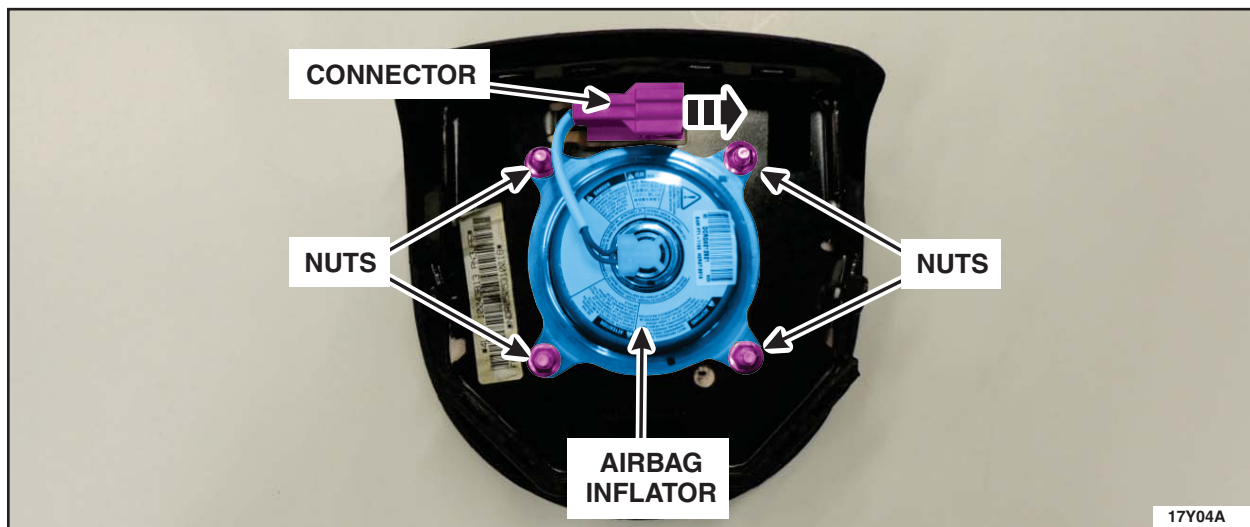


FIGURE 1

5. **NOTE:** In order to verify the correct airbag inflator is installed, mark the old airbag inflator with a felt tip marker prior to removal.

Remove the airbag inflator and set aside for return shipping. See Figure 1.



6. **NOTE:** The serial number of the *new* driver airbag inflator must be provided to Ford for the warranty claim to be processed.

Record the 12 character serial number of the *new* driver airbag inflator on the repair order.
See Figure 2.



FIGURE 2

7. **NOTE:** The *new* airbag inflator must be installed in the same orientation as the original part to ensure the inflator module and airbag harness electrical connector T-shape indexes are aligned properly. See Figures 1 and 3.

Install the *new* driver airbag inflator and install four *new* nuts. See Figure 3.

- Tighten to 6.5 Nm (57 lb-in) in the specified sequence.

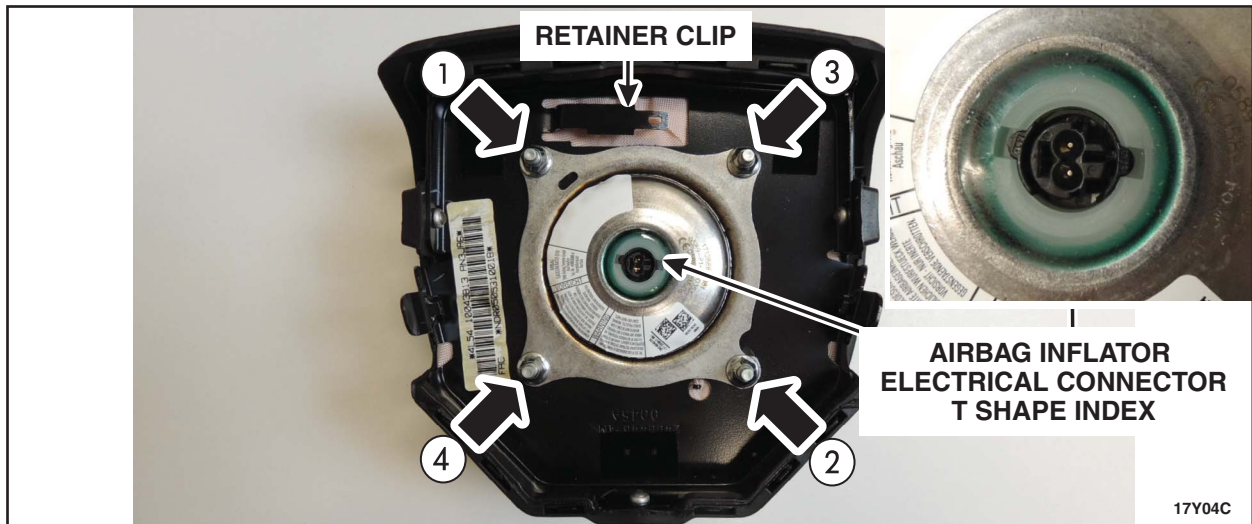


FIGURE 3



8. Align the T-shape index on both the wiring harness electrical connector and the airbag inflator, connect the *new* airbag wiring harness to the inflator module and fully seat the orange tab. See Figure 4.
9. Ensure the connection between the wiring harness electrical connector and the airbag inflator by pulling gently on the wiring harness to ensure it is properly seated. See Figure 4.
10. Slide the airbag inflator connector onto the tang. See Figure 4.

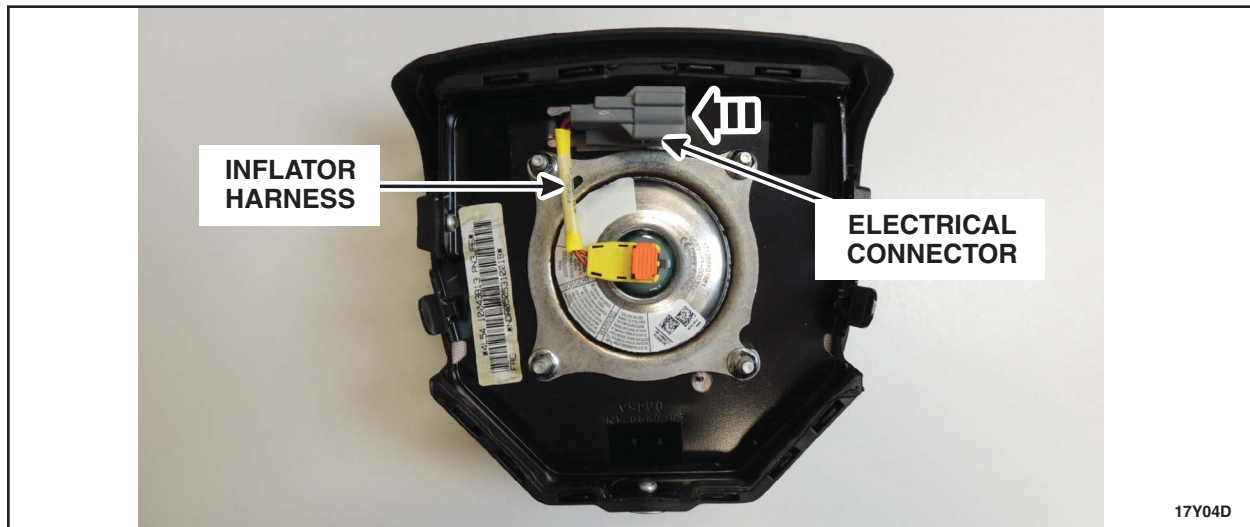


FIGURE 4

11. Re-install the driver airbag. Please follow the WSM procedures in Section 501-20B.
12. Confirm that the airbag readiness light still indicates no SRS faults are present.
13. Package the replaced inflator in the *new* part box and provide to the appropriate dealership personnel for part returns.



NEW ! PASSENGER AIRBAG INFLATOR REPLACEMENT

WARNING: Failure to follow the instructions and warnings in the Workshop Manual (WSM) may result in injury.

NOTE: If the Airbag Readiness light indicates no Supplemental Restraint System (SRS) faults are present, it is not necessary to follow the WSM SRS Depowering and Repowering steps. Turn the ignition to OFF and wait 1 minute, then it is safe to proceed with airbag inflator replacement.

NOTE: The ignition must remain OFF until this service procedure is completed.

1. Remove the passenger airbag from the vehicle. Please follow the WSM procedures in Section 501-20B.
2. Set the airbag face down onto a surface that will not scratch or damage the airbag face.

NOTE: Care must be taken as to not pierce the inflator harness wiring.

3. Cut and peel back wiring sleeve to expose inflator wiring. See Figure 5.

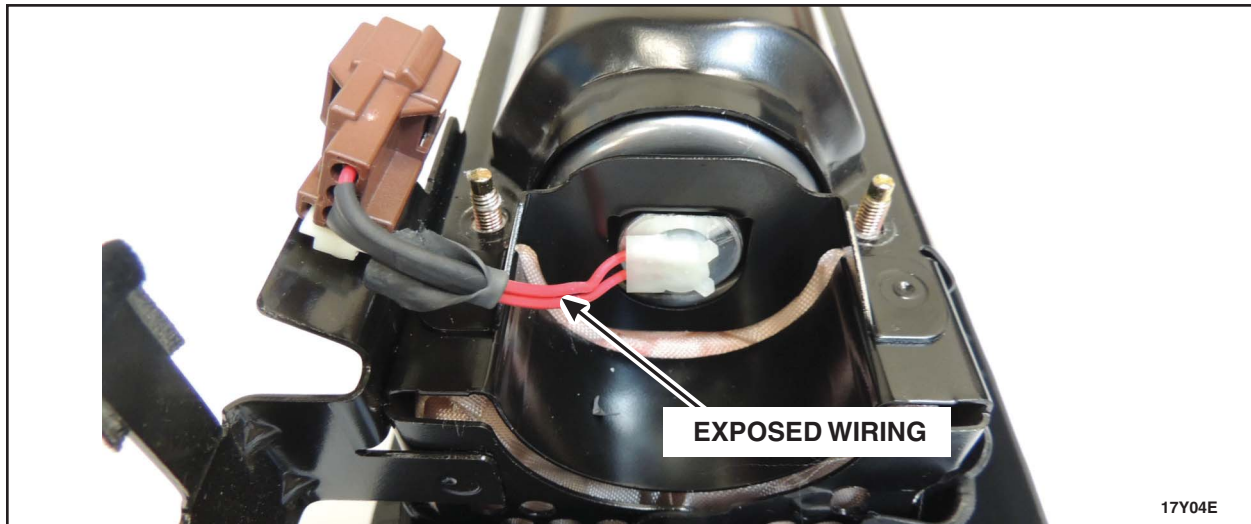


FIGURE 5



4. Install a wiring shunt between the inflator wiring connector and the inflator body, this will cause the inflator to become inert. See Figure 6.



FIGURE 6

5. Cut the inflator wiring between connector and the shunt. See Figure 7.

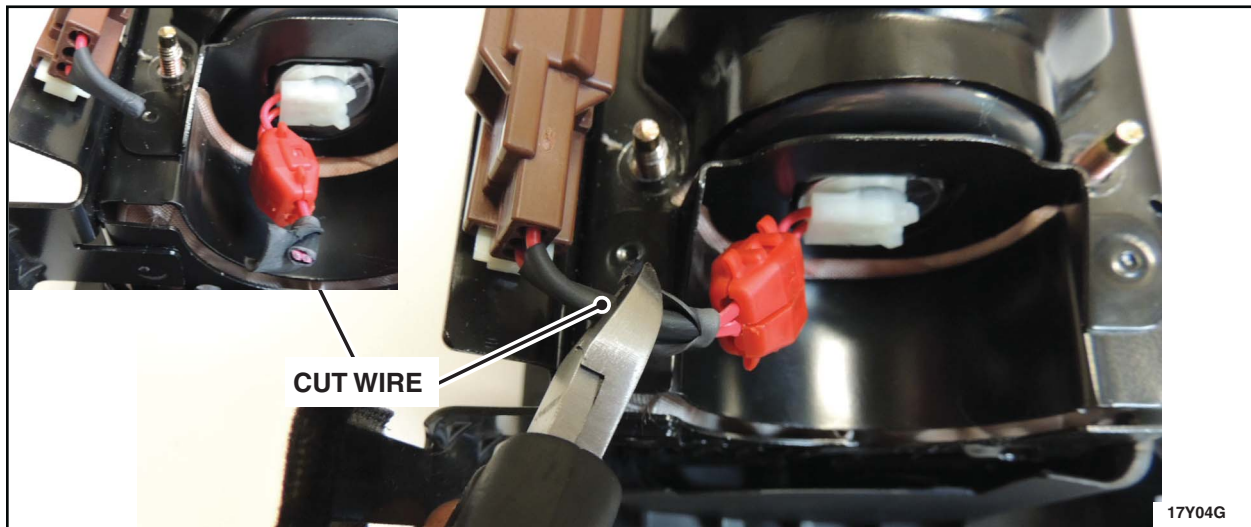


FIGURE 7



6. Remove and discard the four airbag inflator retaining nuts and the bracket. See Figure 8.

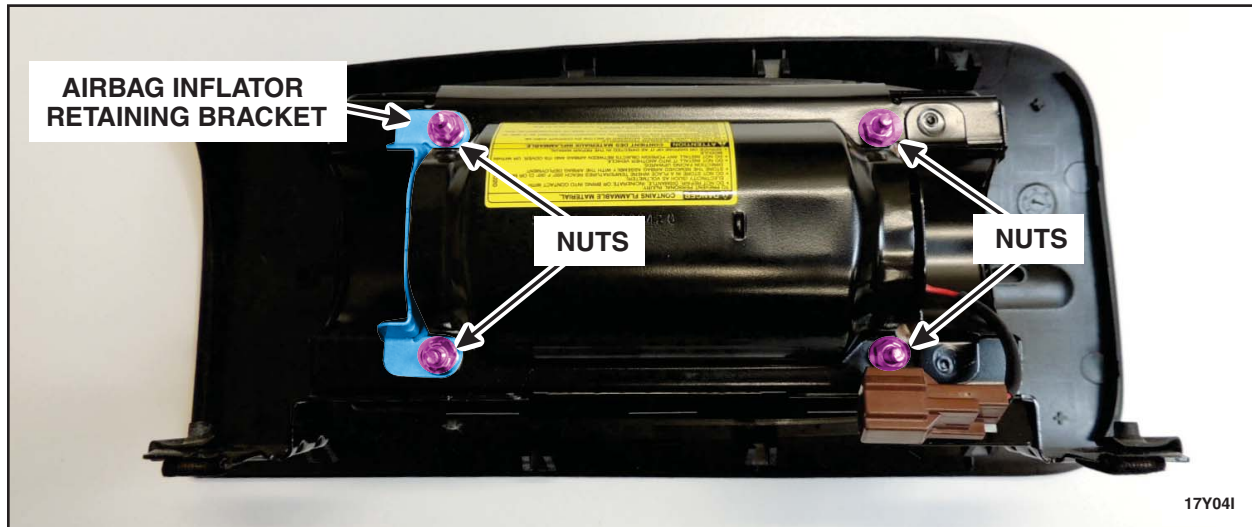


FIGURE 8

⚠ WARNING: Do not allow any debris on or around the airbag once the inflator is removed.

7. With an assistant holding the airbag assembly, remove the inflator from the airbag assembly by pushing outward on the inflator. See Figure 9.



FIGURE 9



8. Remove the airbag inflator harness electrical connector. See Figure 10.

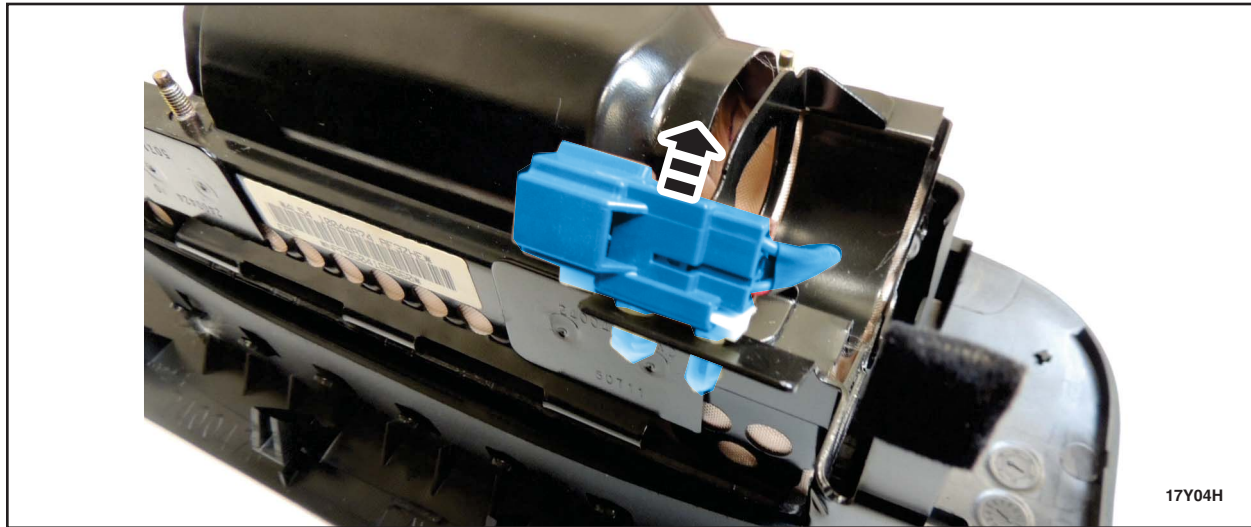


FIGURE 10

9. **NOTE:** The serial number of the *new* passenger airbag inflator must be provided to Ford for the warranty claim to be processed.

- *Locate the instruction sheet that came in the box with the new pre-assembled passenger side airbag inflator.*
- *The serial number of the new inflator is located at the bottom of this sheet.*
- *For Claiming: Record the 14 character serial number of the new passenger airbag inflator or attach a copy to the repair order. See Figure 11.*



FIGURE 11



10. Install the inflator into the airbag assembly.
- Assemble with the wiring harness end facing **OUT**.
 - **Alignment feature** must be **facing up** as shown in Figure 12.

NOTE: Do **NOT** remove the pre-installed end caps and wiring harness from the new inflator.

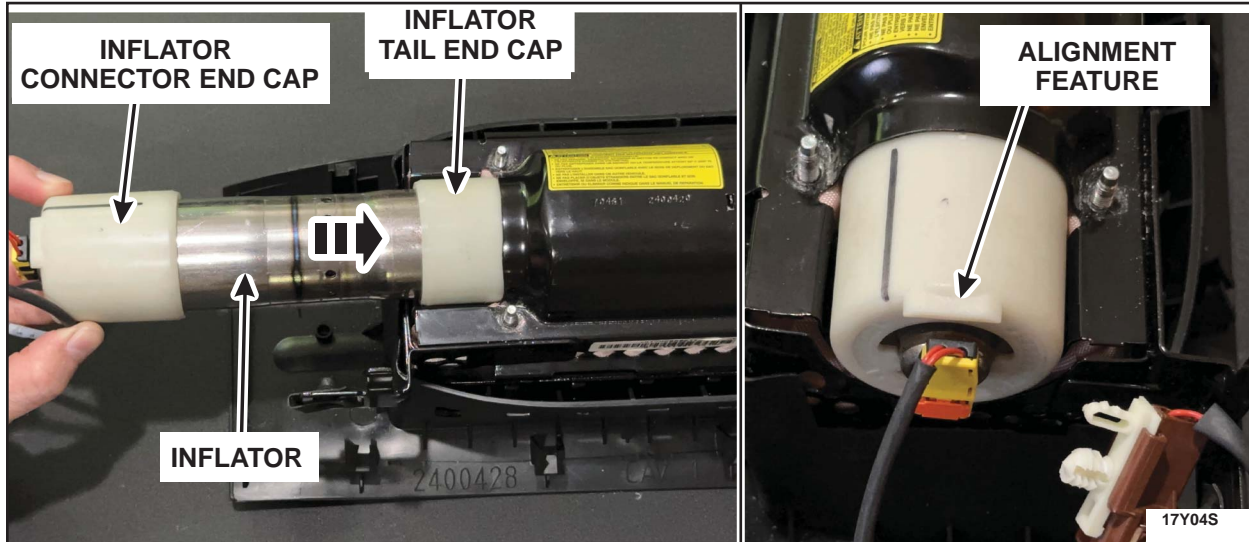


FIGURE 12

11. The inflator should be rotated so that the alignment feature on the white end cap is in the upward position. Install the new inflator retaining bracket by sliding the end between the connector and the end cap alignment feature. See Figure 13.

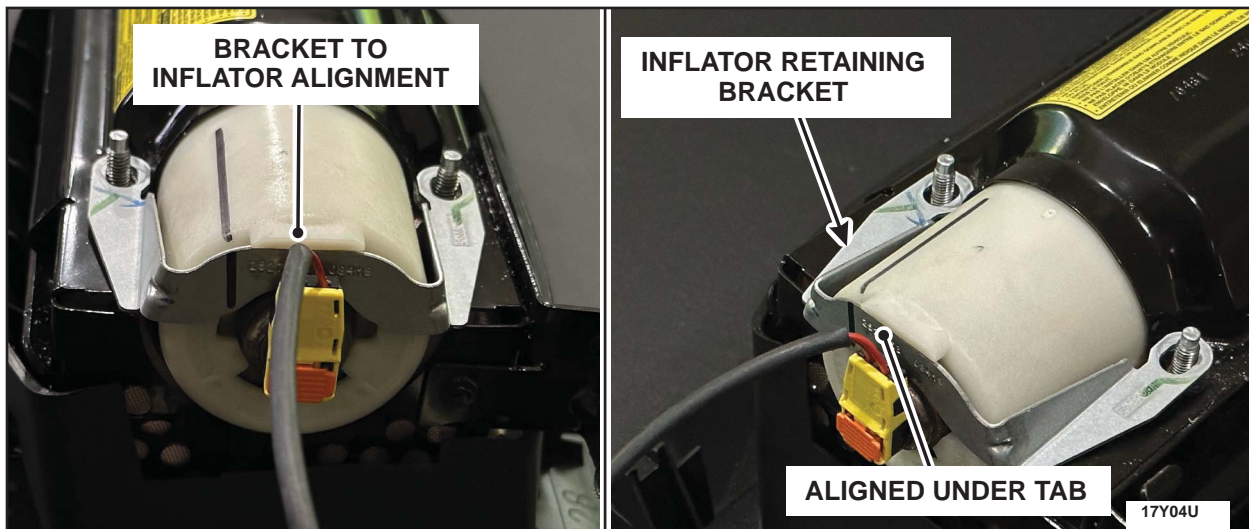


FIGURE 13



12. With the retaining bracket in place, ensure that the witness marks on the bracket and the white end cap are aligned. See Figure 14.

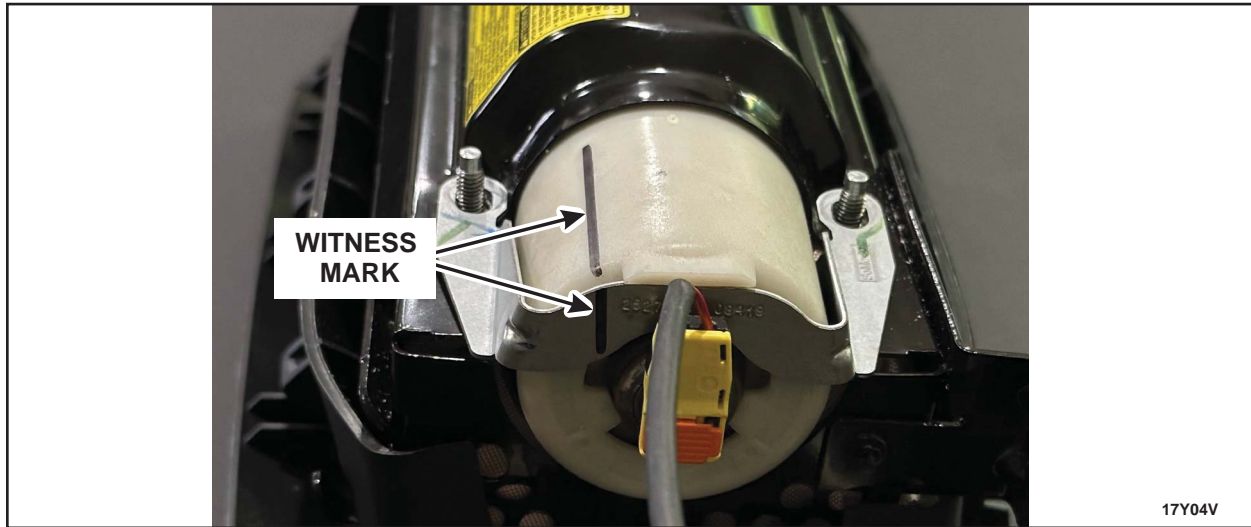


FIGURE 14

13. Install four new nuts. Assure pop-up indicator on air bag assembly is present. See Figure 15.

- Tighten to 3.9 Nm (35 lb-in) in the specified sequence.

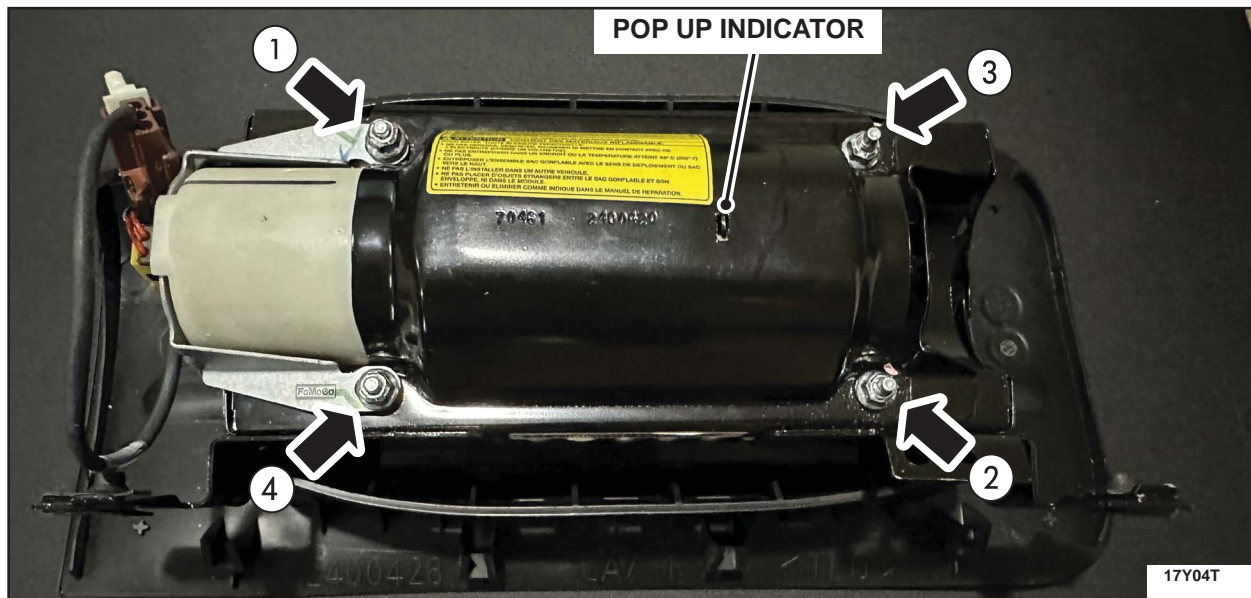


FIGURE 15



14. Install inflator harness connector to the air bag assembly bracket. See Figure 16.

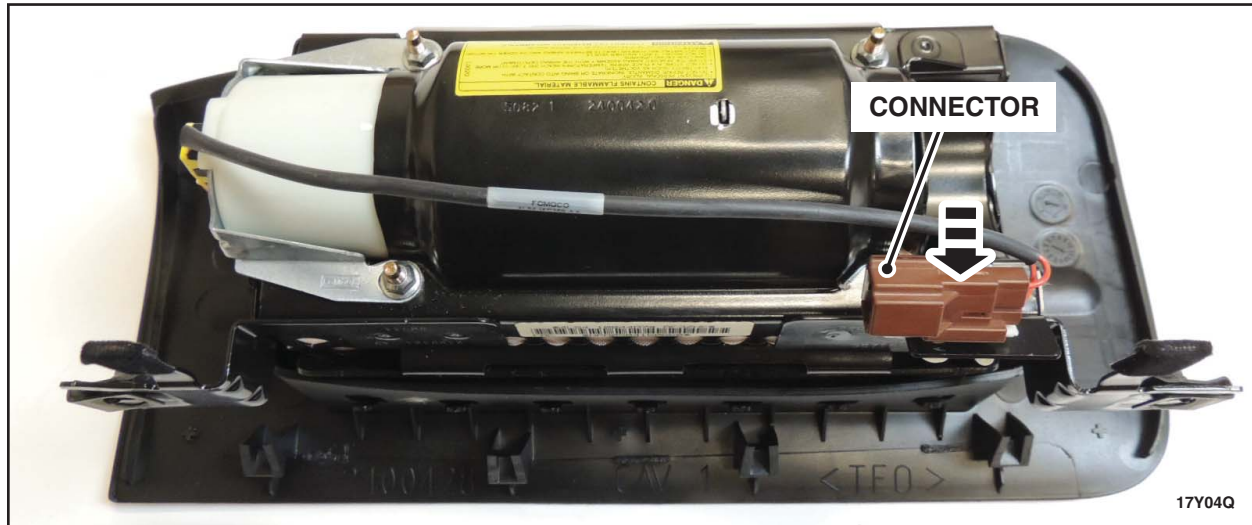


FIGURE 16

15. Re-install the passenger airbag. Follow the WSM procedures in Section 501-20B.

16. Confirm that the airbag Readiness light still indicates no SRS faults are present.

17. Package the replaced inflator in the new part box and provide to the appropriate dealership personnel for part returns.

IMPORTANT NOTE: Federal law prohibits selling motor vehicle parts or components that are under safety, compliance, or emissions recall. Unless a part is requested to be returned to Ford, all parts replaced under this FSA must be scrapped in accordance with all applicable local, state and federal environmental protection and hazardous material regulations. Refer to the Parts Retention, Return, & Scrapping section of the FSA dealer bulletin for further information.



Safety Recall 17S42
All 2004-2006 Model Year Ranger Vehicles
Driver and Passenger Airbag Inflator Replacement

REGIONAL CORE RECOVERY CENTER AIRBAG INFLATOR RETURN PROCESS

PART RETURN INSTRUCTIONS AND SHIPPING DOCUMENTATION

The Regional Core Recover Center (RCRC) will only pick up airbag inflators with a corresponding FCS-700 tag, and the replaced inflator must be packaged in the box from the new inflator. A FCS-700 tag will be generated for each airbag inflator on claims paid on or after December 13, 2017.

NOTE: If the new airbag inflator box is damaged or lost, call 210-250-5079 or email SCFIELDACTION.14305@XPO.COM for a replacement box.

Print and provide both of the following completed documents to the RCRC driver:

1. Hazardous Materials Shipping Document (Page 2)
 - a. In the box titled Shipper, enter your dealership name and address.
 - b. In the box titled Receiver, enter the address of your Regional Core Recovery Center.
NOTE: Page 4 contains a list of RCRC locations. If you are unsure of which RCRC location serves your dealership, consult the RCRC driver.
 - c. In the box titled Number/Type of Package, enter the number of boxed inflators.
 - d. In the box titled Weight, enter the total shipment weight of all boxed inflators.
 - e. At the bottom of the Hazardous Materials Shipping Document, complete the Shipper's Certification
2. North American Emergency Response Guide 171 (Page 3)

HAZARDOUS MATERIALS SHIPPING DOCUMENT – GROUND TRANSPORTATION

SHIPPER	RECEIVER
Dealership Name:	Ford Motor Company
	Regional Core Recovery Center
Address:	Address:
Phone:	Phone:
24-HOUR EMERGENCY CONTACT: INFOTRAC 1-800-535-5053 (Domestic) 1-352-323-3500 (International)	

General Instructions: Pursuant to 49 CFR each person who offers a hazardous material for transportation shall perform the following pre- transportation functions: (1) Determine the hazard class of the material (2) Select authorized hazmat packaging (3) Fill hazmat packaging (4) Properly close hazmat packaging (5) Properly mark the package (6) Properly label the package (7) Prepare shipping document (8) Provide and maintain emergency response information (9) Review shipping paper to verify compliance to 49 CFR (10) Sign shipping document to certify shipment is in conformance to 49 CFR (11) Load hazardous material in transport vehicle (12) Segregate hazardous material from incompatible cargo (13) Select, provide or affix placards to transport vehicle to indicate that it holds hazardous materials.

Also, pursuant to 49 CFR an employer must ensure any employee performing any function affecting the transport of hazardous materials must be appropriately trained for the function the employee performs and must be retrained every thirty-six months.

DOT Shipping Description		
Number/Type of Package	UN Number, Proper Shipping Name, Hazard Class, Packing Group	Weight
Box(es)	UN3268, Safety Devices, Class 9	Lbs.

Shipper's Certification (49 CFR 172.204): This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

NAME: _____ **SIGNATURE:** _____ **DATE:** _____

GUIDE 171 SUBSTANCES (LOW TO MODERATE HAZARD)	ERG2012 POTENTIAL HAZARDS	ERG2012 SUBSTANCES (LOW TO MODERATE HAZARD)	GUIDE 171 SUBSTANCES (LOW TO MODERATE HAZARD)
<p>FIRE OR EXPLOSION</p> <ul style="list-style-type: none"> Some may burn but none ignite readily. Containers may explode when heated. Some may be transported hot. <p>HEALTH</p> <ul style="list-style-type: none"> Inhalation of material may be harmful. Contact may cause burns to skin and eyes. Inhalation of Asbestos dust may have a damaging effect on the lungs. Fire may produce irritating, corrosive and/or toxic gases. Some liquids produce vapors that may cause dizziness or suffocation. Runoff from fire control may cause pollution. <p>PUBLIC SAFETY</p> <ul style="list-style-type: none"> CALL EMERGENCY RESPONSE Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover. As an immediate precautionary measure, isolate spill or leak area in all directions for at least 50 meters (150 feet) for liquids and at least 25 meters (75 feet) for solids. Keep unauthorized personnel away. Stay upwind. <p>PROTECTIVE CLOTHING</p> <ul style="list-style-type: none"> Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection. <p>EVACUATION</p> <p>Spill</p> <ul style="list-style-type: none"> See Table 1 - Initial Isolation and Protective Action Distances for highlighted materials. For non-highlighted materials, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY". <p>Fire</p> <ul style="list-style-type: none"> If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. 	<p>POTENTIAL HAZARDS</p>	<p>ERG2012</p>	<p>EMERGENCY RESPONSE</p> <p>FIRE</p> <p>Small Fire</p> <ul style="list-style-type: none"> Dry chemical, CO₂, water spray or regular foam. <p>Large Fire</p> <ul style="list-style-type: none"> Water spray, fog or regular foam. Do not scatter spilled material with high pressure water streams. Move containers from fire area if you can do it without risk. Dike fire-control water for later disposal. <p>Fire Involving Tanks</p> <ul style="list-style-type: none"> Cool containers with flooding quantities of water until well after fire is out. Withdraw immediately in case of rising sound from venting safety devices or discoloration of tank. ALWAYS stay away from tanks engulfed in fire. <p>SPILL OR LEAK</p> <ul style="list-style-type: none"> Do not touch or walk through spilled material. Stop leak if you can do it without risk. Prevent dust cloud. Avoid inhalation of asbestos dust. <p>Small Dry Spill</p> <ul style="list-style-type: none"> With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. <p>Small Spill</p> <ul style="list-style-type: none"> Take up with sand or other non-combustible absorbent material and place into containers for later disposal. <p>Large Spill</p> <ul style="list-style-type: none"> Dike far ahead of liquid spill for later disposal. Cover powder spill with plastic sheet or tarp to minimize spreading. Prevent entry into waterways, sewers, basements or confined areas. <p>FIRST AID</p> <ul style="list-style-type: none"> Move victim to fresh air. Call 911 or emergency medical service. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Remove and isolate contaminated clothing and shoes. In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.
			<p>Page 280</p>
			<p>Page 281</p>

RCRC Locations

RCRC CODE	Address	City	State	Zip
00708	TRI COUNTY COMMERCE PARK, BLDG. 3/3A, 2511 LOVI ROAD	FREEDOM	PA	15042
01183	20501 PENNSYLVANIA ROAD STE 140	BROWNSTOWN Twp	MI	48192
01326	9040 BURROUGH DOVER LANE	PENNSAUKEN	NJ	08110
01728	3700 CLAYMOORE PK. DR., S. 160	HOUSTON	TX	77043
01729	5915 CORRIDOR PARKWAY	SCHERTZ	TX	78154
02276	4300 ROUND LAKE ROAD W. UNIT 200	ARDEN HILLS	MN	55112
02454	1605 SURVEYOR BLVD.	CARROLLTON	TX	75006
03001	8333 WASHINGTON PL NE Suite E	ALBUQUERQUE	NM	87113
03199	7103 E. 47TH AVE.	DENVER	CO	80216
04861	5503 F ST	OMAHA	NE	68117
05399	3421 W. WELDON.	PHOENIX	AZ	85017
05495	4161 DIXON AVE	DES MONIES	IA	50313
05514	3645 DEVELOPERS RD.	INDIANAPOLIS	IN	46227
06201	3737 S. CAPITOL AVE.	WHITTIER	CA	90601
06583	600 SOUTH THERESA AVE.	ST LOUIS	MO	63103
06586	4444 SOUTH BLVD.	CHARLOTTE	NC	28209
06615	8242 SANDY COURT	JESSUP	MD	20794
06952	7145 INDUSTRIAL	EL PASO	TX	79915
06953	550 GILLS DRIVE	ORLANDO	FL	32824
06954	5286 GEORRGIA HWY 85, SUITE 200	FOREST PARK	GA	30297
06955	545 FORD AVE	JACKSON	MS	39209
06959	900 W. MAIN	OKLAHOMA CITY	OK	73106
07089	4304 EUBANK ROAD	RICHMOND	VA	23231
08263	11 CHAPIN RD, UNIT A	PINE BROOK	NJ	07058
08453	18637 72nd AVE S	KENT	WA	98032
08454	5220 N. E. 152ND PLACE	PORTLAND	OR	97230
08587	2999 MILLER STREET	SAN LEANDRO	CA	94577
08731	8250 NE UUNDERGROUND DRIVE PILLAR 153	KANSAS CITY	MO	64161
08858	2333 S. 1800 WEST	WEST VALLEY CITY	UT	84119
09001	3311 CORPORATE DR	JOLIET	IL	60431
09121	444 WHITNEY ST	NORTHBOROUGH	MA	01532
09252	1901 LEMOYNE AVE.	SYRACUSE	NY	13208

Safety Recall 17S42
All 2004-2006 Model Year Ranger Vehicles
Driver and Passenger Airbag Inflator Replacement

DEALER Q & A

- Q1. This vehicle was previously in safety recall 17S42, why is it now in safety recall 18S02?**
- A. Within the overall population of vehicles affected by the Takata inflator issue, a subset of vehicles was built with a particular batch of driver airbag inflators shown to have a significantly higher risk of overaggressive combustion which may result in death or serious injury. Two inflators built on the same day as the driver side airbag inflator in this population of vehicles have ruptured causing fatal injuries. This subset population of vehicles were previously included in safety recall 17S42.
- Q2. Are parts available for this recall?**
- A. Yes, parts are now available for open ordering.
- Q3. Can the airbag inflator part numbers provided in safety recalls 16S03 and 15S22 be used to complete repairs under safety recall 17S42?**
- A. No, the part used in 16S03 and 15S22 are not equivalent to the parts required for 17S42. Use only the part numbers listed in the dealer bulletin for this recall (or latest level replacements) for this final repair.
- Q4. How should I handle a vehicle with airbags that are deployed, missing, or modified?**
- A. *These situations need to be reviewed by the Special Service Support Center (SSSC). Dealers are eligible for compensation to inspect these vehicles and contact the SSSC. Refer to the [Deployed, Missing, Incompatible, or Salvage Airbag Handling](#) attachment for details prior to attempting a repair.*
- Q5. The airbag inflator serial number is not readable or was not documented for claiming. What should I do?**
- A. *The new airbag inflator serial numbers are required for warranty claims to be processed. If a serial number is not readable, the part is considered defective and a new inflator should be ordered for the vehicle. If the customer has already picked up the vehicle, contact the customer to request that the vehicle be brought in to either (1) inspect the serial number or (2) install a new inflator (if serial number is unreadable). If further assistance is required, submit a web contact to the SSSC using contact type "Claiming Concern" with details of the situation.*
- Q6. A warranty claim was submitted under the wrong VIN. What should I do?**
- A. *In OWS, appeal the original claim (against the 'wrong' VIN) to a value of '0'. Submit a web contact to the SSSC with the 'wrong' VIN. Use contact type "Claiming Concern" with details of the situation.*
- Q7. Can my Dealership use Quick Lane bays and Technicians to complete this recall?**
- A. At the dealer's discretion, dealers with Quick Lanes may now use Quick Lane service bays and Quick Lane technicians to perform **Takata Airbag Recalls**.
- Claim processing, hazardous material handling and parts returns **MUST** be processed through the main dealership's warranty submission process and parts department.
 - No other warranty or recall repairs are allowed at Quick Lanes at this time.

Safety Recall 17S42

All 2004-2006 Model Year Ranger Vehicles
Driver and Passenger Airbag Inflator Replacement

Q8. Will completed surveys count towards my Customer Viewpoint (CVP) score? Are the scores included in my Ford Commitment Program (FCP) calculations?

A. Beginning in 2019, every Service customer will be eligible for a survey. Completed surveys will be included in CVP and FCP scores.

QUESTIONS & ASSISTANCE

For additional questions and assistance, contact the Special Service Support Center (SSSC) via the SSSC Web Contact Site. The SSSC Web Contact Site can be accessed through the Professional Technician Society (PTS) website using the SSSC link listed at the bottom of the OASIS VIN report screen or listed under the SSSC tab.

TAKATA AIRBAG RECALL MOBILE REPAIR SERVICE

A DEALERSHIP GUIDE TO PERFORMING MOBILE REPAIRS

Why?

A recent survey of vehicle owners indicated that **65%** of participants had not had their airbag recall repair completed due to the inconvenience of taking their vehicle to a dealership.

Most Takata airbag recall repairs take less than one hour to complete, do not require a lift, and can be completed with basic hand tools. By offering a mobile repair service for these repairs, it can:

- Free up shop space for retail work
- Increase service capacity without increasing the size of your shop
- Improve customer satisfaction
- Expand your customer base – many of these customers may have never visited your dealership

How?

To perform mobile repairs for the Takata airbag recalls, only a few things are required:

- A vehicle for transportation – due to the simplicity of these repairs, a specialty vehicle is not required
- Basic hand tools and supplies
- A technician with some interpersonal skills (for customer interactions) who is capable of performing the repairs
- Personnel to schedule and coordinate the repairs – can likely be combined with current scheduling/dispatching responsibilities
- Parts to complete the repairs

Dealers should also be aware of local hazardous material handling regulations for airbag inflators and modules. Refer to www.HazmatU.org for further information.

See the following pages for detailed tips and recommendations on starting and maintaining a mobile repair service.

Mobile repairs can be performed at:

- the vehicle owner's home
- the vehicle owner's workplace
- used car lots
- local vehicle auctions
- shopping malls
- sporting events, car shows, or other public events

[Click here for a short video on mobile repairs](#)

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ELIGIBLE VEHICLES AND REPAIRS

Mobile repairs can be performed on a majority of the vehicles covered under the Takata airbag recall, however some vehicles require a more invasive repair procedure that is not recommended for mobile repair service. Refer to the chart below to determine which vehicles can receive mobile repairs.

Vehicle	Airbag Side	FSA Number(s)	Mobile Repair Capable?
2005-2014 Mustang	Driver and Passenger	15S21 and 19S01	✓ Yes
2005-2006 Ford GT	Driver and Passenger	15S21 and 19S01	✓ Yes
2004-2006 Ranger	Driver and Passenger	17S42 and 18S02	✓ Yes
2007-2011 Ranger	Passenger	19S01	✓ Yes
2006-2009 Fusion/Milan	Passenger	19S01	✓ Yes
2010-2012 Fusion/Milan	Passenger	19S01	✗ No*
2006-2009 MKZ/Zephyr	Passenger	19S01	✓ Yes
2010-2012 MKZ	Passenger	19S01	✗ No*
2007-2010 Edge	Passenger	19S01	✓ Yes
2007-2010 MKX	Passenger	19S01	✓ Yes

* The mobile repair allowance cannot be claimed on these vehicles.

REQUIRED TOOLS AND SUPPLIES

¼" Ratchet and Metric Socket Set (deep and shallow sockets with 6" extension)	Brass Punch
¼" Torque Wrench (35 lb-in – 97 lb-in)	Small Ballpeen Hammer
¼" Cordless Impact Driver	Non Marring Trim Tool
Side Cutters	Retractable Magnet
Utility Knife	Fender Cover
Needle Nose Pliers	Tool Bag or Tool Box
Pocket Flat Blade Screwdriver	Hand Towels/Shop Rags

(continued on the following page)

REQUIRED TOOLS AND SUPPLIES (continued)

- Printed copies of repair instructions
- Customer agreement
- Repair order, work order, and/or any other necessary documentation
- If the vehicle used for transportation does not have a tailgate or other usable area to work from, it is also recommended to have a portable work surface such as a small folding table
 - Shirt/uniform and vehicle graphic with dealership or Ford logos are recommended. 'Airbag Recall Mobile Repair Team' vehicle magnets are available on the Dealer eStore.



NEW! WARRANTY CLAIMING

Dealers are eligible to claim an allowance per FSA repair to cover costs associated with completing any mobile repairs.

- For 2006 Ranger vehicles affected by FSA 18S02, and Ford GT vehicles affected by FSAs 15S21 and/or 19S01, dealers are eligible to claim up to a \$200 Handling Allowance per FSA. NOTE: On Ford GT vehicles, if FSAs 15S21 and 19S01 are both open, the \$200 allowance can be claimed on both FSA repairs.
- For all other mobile repairs, dealers are eligible to claim 1.0 labor hour per FSA repair.

A Mobile Repair Record, signed by service management, must be retained with the repair order documentation. Find the Record on page 8 of this document. Technician time recording requirements, as specified in the Warranty & Policy Manual, are not required for these repairs. Refer to the FSA Dealer Bulletin for full claiming details.

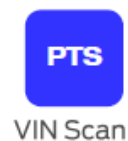
GENERAL RESOURCES

PTS Mobile and VIN Scan

While it is recommended that technicians have printed copies of repair instructions and FSAs, the PTS mobile site and VIN scan app can be used to access vehicle repair or FSA information if needed.

To use PTS mobile and VIN scan on your mobile device:

- Enter the mobile PTS Site m.proservicetech.com into your device
- Login and select 'Vehicle ID' from the PTS Main Menu
- Follow the link and instructions to install the app onto your device



Airbag Recall App

If employees are performing canvassing or operating at public events, the Airbag Recall app can be used to check for open FSAs by entering the vehicle's license plate number.

NOTE: Always use OASIS to confirm FSA eligibility.

- Download the Airbag Recall App via Apple App Store or Google Play.



Dealer Management System (DMS) Mobile Apps

Some dealer management systems and related dealer software have mobile versions. If these are available for your dealer, it may be beneficial for your technician to have access while travelling.

SCHEDULING

When performing repairs at multiple points (homes, workplaces, car lots, etc.), you may want to start small. Pick a day of the week that is expected to be slower and fill that day with scheduled mobile repairs – enough for one technician. Keep in mind the time required for travel, paperwork, etc. to ensure your day isn't overscheduled. The repairs recommended for mobile service all take less than one hour to complete. As time goes on, expand to multiple days, multiple technicians, and fine-tune your scheduling.

Depending on your area, and incoming volume of appointment requests for these recalls, you may need to be selective based on the geographical location of the customer/vehicle. Try to plan the schedule so the technician makes one round trip for all repairs, reducing the time, fuel, etc. used driving to and from the dealership.

When scheduling, you can take a proactive, or reactive approach:

PROACTIVE SCHEDULING AND OUTREACH (RECOMMENDED)

For efficiency, pick a certain town or area to operate within on your scheduled mobile repair day, but have some flexibility. Have your Business Development Center, Service Advisor(s), or appointment scheduler(s) contact customers in that designated area using your FSA VIN lists (at least 1 week ahead of time is recommended). **TIP:** Download the CSV or Excel versions of the VIN lists to combine all Takata airbag recall customers into one document to make this task easier.

When speaking with the customer, confirm that they still own the vehicle and that their location on file is accurate. Advise that your dealer will be performing mobile repairs in their area, and that you would be able to repair their vehicle where it sits, and that the repair takes less than an hour. If the customer advises that they work in a different area or are no longer in that location, make note of that for future mobile repair scheduling.

Provide the customer with a window of time (e.g. 2-hour window) in which they can expect your technician arrive. Have your technician call or text the customer during their prior stop, before heading the customer's way. This will ensure that the customer is still available for the repair, and improve customer satisfaction.

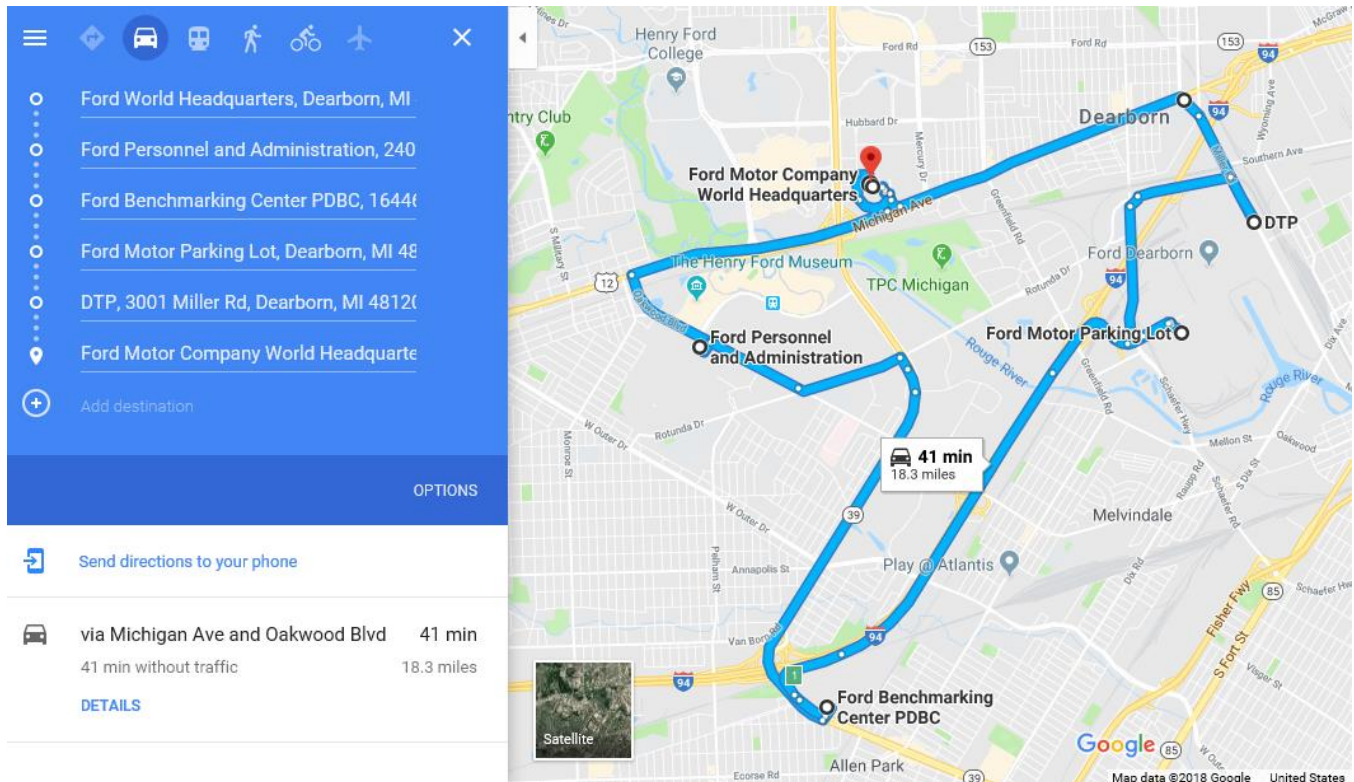
REACTIVE SCHEDULING

During your normal course of business, offer mobile repairs as an alternative if a customer wishes schedule an appointment for their airbag recall repair. This may be more difficult to manage efficiently, but based on your incoming volume, you may still want to limit yourself to a certain geographical area on each scheduled mobile repair day. If a customer calls and is located in the targeted area, let them know that you'll have a technician in the area next Wednesday (for example) and they would be able to repair the vehicle as it sits, in less than an hour's time.

Provide the customer with a window of time (e.g. 2-hour window) during which they can expect your technician to arrive. Have your technician call or text the customer during their prior stop, before heading the customer's way. This will ensure the customer is still available for the repair, and improve customer satisfaction.

ROUTE PLANNING

Once a full day has been scheduled, plan a round-trip route for the technician, leaving the dealership, making all scheduled stops, and then returning to the dealership. There are numerous free, online services that make planning a route easy, such as MapQuest, Google Maps, RouteXL, etc. See example below.



DISPATCHING

With repairs scheduled and a route planned, create a route sheet or work order to summarize the day of repairs. See an example on page 7. Along with the work order, the technician should have hard copies of repair orders and repair instructions.

Note that for the Takata airbag recall repairs, technician time recording requirements, as specified in the Warranty & Policy Manual, are not required. Claims submitted without recording technician time will be accepted. To evaluate and improve your mobile repair program you may want to keep a driving/time log, but this is not required for warranty purposes.

MOBILE REPAIR WORK ORDER

Date: _____

Tech #: _____

Stop 1	Customer Info	Scheduled Arrival	Vehicle / VIN	FSA / Repair Description

Stop 2	Customer Info	Scheduled Arrival	Vehicle / VIN	FSA / Repair Description

Stop 3	Customer Info	Scheduled Arrival	Vehicle / VIN	FSA / Repair Description

Stop 4	Customer Info	Scheduled Arrival	Vehicle / VIN	FSA / Repair Description

Stop 5	Customer Info	Scheduled Arrival	Vehicle / VIN	FSA / Repair Description

Stop 6	Customer Info	Scheduled Arrival	Vehicle / VIN	FSA / Repair Description

Stop 7	Customer Info	Scheduled Arrival	Vehicle / VIN	FSA / Repair Description

MOBILE REPAIR RECORD

VIN _____ received a mobile repair service as outlined below for one or more Takata airbag recalls (FSAs 15S21, 17S42, 18S02, and/or 19S01).

This recall repair, and the mobile repair service, was provided free of charge to the customer.

Mobile Repair date: _____

Repair Order #

Repair Order Date

Service Manager Signature

Date

Safety Recall 17S42
All 2004-2006 Model Year Ranger Vehicles
Driver and Passenger Airbag Inflator Replacement

DEPLOYED, MISSING, INCOMPATIBLE, AND SALVAGE AIRBAG HANDLING

FOR VEHICLES IN OPERATION (currently on the road)

Ford Motor Company is required by the National Highway Traffic Safety Administration to account for all vehicles affected by this recall. This includes vehicles with deployed, incompatible, or missing airbags.

If a customer's vehicle is found to have deployed, incompatible, or missing airbag components please refer to the processes below for handling these vehicles and customers. Because these vehicles have repairs for both the driver and passenger side airbags, dealers may need to follow two processes depending on the state of each airbag. Dealers are eligible for compensation for time spent gathering and reporting information on these vehicles.

NOTE: The Field Service Action covers costs to replace the airbag inflators, however it does not cover the costs associated with replacing/installing additional components due to deployment, being incompatible, or missing. If the customer is willing to pay to restore the airbag system so the recall repair to be performed (i.e. replacement of deployed or missing airbag modules) then a new airbag inflator/module will be covered under this recall if still required. If repairs are unable to be performed, the letter at the end of this document can be provided to the customer.

AIRBAG OR AIRBAGS DEPLOYED

1. Remove or access the deployed airbag module(s). Refer to the FSA Technical Instructions with exceptions noted below:
 - The airbag inflator will need to be removed from the passenger airbag module to capture the serial number, but it is ***not*** necessary to install a wiring shunt or cut the airbag inflator harness. After removing the wiring harness connector from the module, the inflator will be able to slide out far enough to view the serial number.
 - If an airbag inflator is found to be missing, refer to the 'Missing or Incompatible Components' section below.

NOTE: If only one airbag is deployed, perform the FSA repair procedure on the non-deployed side.

2. Document the deployed airbag inflator serial number(s) on the repair order (see 'Airbag Inflator Serial Number Location' later in this document).
3. Photograph the airbag module(s), deployed airbag inflator serial number(s), the vehicle's VIN plate, and the deployed airbag (instrument panel/deployment door area).
4. Submit a VIN-specific web contact to the SSSC (contact type "Claiming Concern") and attach the photos to the request. The SSSC will provide a special labor operation code for warranty claiming and special instructions on how to handle the vehicle.

MISSING OR INCOMPATIBLE COMPONENTS

1. Photograph the missing or incompatible airbag parts/areas that demonstrate why the FSA repair is unable to be performed. Also take a photo of the vehicle's VIN plate.

NOTE: If only one airbag is missing or has incompatible components, perform the FSA repair procedure on the side that is not affected.

2. Submit a VIN-specific web contact to the SSSC (contact type "Claiming Concern") and attach the photos to the request. The SSSC will provide a special labor operation code for warranty claiming and special instructions on how to handle the vehicle.

Safety Recall 17S42
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DEPLOYED, MISSING, INCOMPATIBLE, OR SALVAGE AIRBAG HANDLING

SALVAGE VEHICLES / VEHICLES THAT ARE NOT OPERATIONAL

Ford Motor Company is required by the National Highway Traffic Safety Administration to account for all vehicles affected by this recall, including vehicles in salvage yards.

Dealers are eligible to claim \$75, per vehicle, along with a special labor operation from the SSSC, to locate vehicles in salvage yards and capture the necessary information so these vehicles are properly accounted for. Dealers should confirm FSA 17S42 is open in OASIS on any suspect vehicle prior to taking action on them. Refer to the processes below for details on handling these vehicles and requesting reimbursement.

NON-DEPLOYED SALVAGE VEHICLE AIRBAGS (except dealers in Alaska, Hawaii, and Puerto Rico)

Dealers in Alaska, Hawaii, and Puerto Rico should refer to the 'Salvage Yard Unwilling to Sell Non-Deployed Airbags' section in this attachment for directions on non-deployed airbag handling.

For non-deployed airbags, dealers should only recover (not replace) the non-deployed airbag module(s) instead. If the salvage yard will not allow the airbag to be recovered, refer to the 'Salvage Yard Unwilling to Sell Non-Deployed Airbags' section in this attachment.

In addition to labor, dealers will be reimbursed for the purchase of airbags from salvage yards. Reimbursement (per vehicle) is allowed up to \$55 for driver airbags, \$60 for passenger airbags, or \$120 for both. Refer to the SSSC (as outlined below) and the 'Claims Preparation and Submission' section in the Dealer Bulletin for claiming instructions.

1. Remove the airbag module from the vehicle. **NOTE:** The entire airbag module should be recovered.
2. Document the deployed airbag inflator serial number(s) on the repair order (see 'Airbag Inflator Serial Number Location' later in this document).
3. Photograph the airbag inflator serial number(s), the vehicle's VIN plate, and the airbag module(s).
4. Submit a VIN-specific web contact to the SSSC (contact type "Claiming Concern") and attach the photos to the request. **Specify that it is a non-deployed salvage vehicle and if the salvage yard is allowing the airbag to be recovered.** The SSSC will provide a special labor operation code for warranty claiming and special instructions on how to handle the vehicle.
5. Once an airbag module or modules are recovered, dealers should email Rebuilders Automotive Supply (RAS) at: DealerRecall@coresupply.com to arrange for return shipping of the part or parts. In the email, provide the total number of airbag modules to be returned, associated VIN numbers, and the dealership address from which the parts will be shipped. RAS will provide HazMat packaging supplies as needed. **NOTE:** Do not ship deployed airbags to RAS.

Dealers should be aware of local hazardous material handling regulations for airbags. Dealers can refer to www.hazmatu.org for further information.

Safety Recall 17S42

All 2004-2006 Model Year Ranger Vehicles
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DEPLOYED, MISSING, INCOMPATIBLE, OR SALVAGE AIRBAG HANDLING**SALVAGE VEHICLES / VEHICLES THAT ARE NOT OPERATIONAL (continued)****DEPLOYED SALVAGE VEHICLE AIRBAGS**

1. Remove or access the deployed airbag module(s).
2. Document the airbag inflator serial number(s) on the RO (see 'Airbag Inflator Serial Number Location' later in this document).
3. Photograph the airbag inflator serial number(s), the vehicle's VIN plate, and the deployed airbag(s).
4. Submit a VIN-specific contact to the SSSC and attach the photos to the request. **Specify that it is a deployed salvage vehicle.** The SSSC will provide special claiming instructions. No further repairs are required and the deployed airbags can remain with the vehicle.

MISSING SALVAGE VEHICLE AIRBAGS

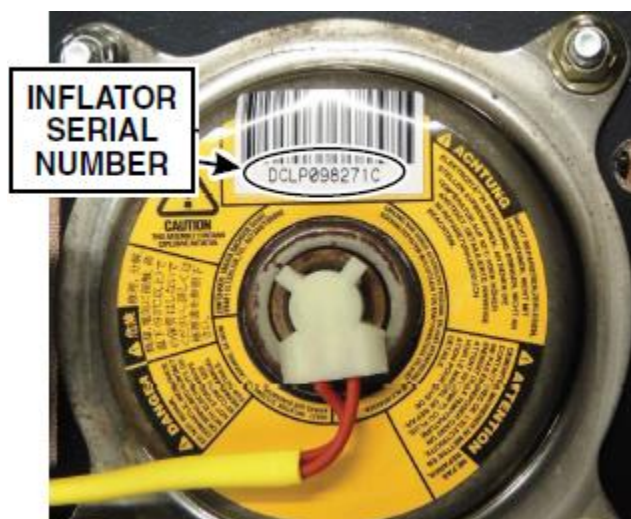
1. Capture photos of the missing airbag module or modules and the vehicle's VIN plate.
2. Submit a VIN specific contact to the SSSC and attach the photos to the request. **Specify that it is a salvage vehicle.** The SSSC will provide a special labor op for warranty claiming. No further repairs are required.

SALVAGE YARD UNWILLING TO SELL NON-DEPLOYED AIRBAGS (and non-deployed airbags in Alaska, Hawaii, and Puerto Rico)

If a salvage yard is unwilling to sell non-deployed airbags, dealers should offer to perform the recall repair on the non-deployed modules if possible. If the recall repair is performed, the repair can be claimed as a mobile repair. Refer to the Dealer Bulletin for details. A signed customer agreement is not required however repair order documentation must support that the repair occurred at salvage yard or similar facility.

ORIGINAL AIRBAG INFLATOR SERIAL NUMBER LOCATION

The photo below outlines the location of the serial number on original airbag inflators for the purposes outlined in this document only. Refer to the FSA Technical Instructions for information on new components.

Driver Airbag Inflator**Passenger Airbag Inflator**



L I N C O L N

Ford Motor Company
Ford Customer Service Division
P. O. Box 1904
Dearborn, Michigan 48121

Dear Customer,

Your dealer is unable to complete the Takata airbag recall repair on your vehicle because the airbag or airbags in your vehicle are either deployed, missing, or have incompatible parts installed from a preexisting condition. The Takata airbag recall covers the cost of parts and labor for replacing the defective airbag inflators, but not the entire airbag system.

Your dealer has verified that the safety risk associated with the airbag inflators, and the reason for this recall, is not currently present on your vehicle. However, because your vehicle's airbags are either deployed, missing, or have incompatible parts installed, your vehicle's airbags may not operate as designed in the event of a crash, increasing the risk of injury or death. You are responsible for the cost of restoring your vehicle's airbag system. If the recall condition is present once the airbag system is restored, your dealer will replace the airbag inflators free of charge.

Ford Customer Service Division

TAKATA AIRBAG RECALL RENTAL VEHICLE POLICY

This rental vehicle policy only applies to the Takata airbag recalls 15S21, 17S42, 18S02, and 19S01.

RENTAL POLICY OVERVIEW

Parts are available to order for all affected vehicle lines. With proper dealer parts ordering and service appointment scheduling, rental vehicles should not be required to complete the recall repair.

Short-term rentals are available if a customer requests a rental vehicle while their vehicle is being repaired. Refer to the flow chart on the last page of this attachment for the rental vehicle reimbursement process before providing a rental vehicle. If a customer requests a rental vehicle, dealers must:

- order required parts prior to a customer's appointment.
- retain the customer's vehicle until the recall repair is completed and the rental vehicle is returned.
- notify the customer the same day that the recall repair is completed and request that they promptly return the rental vehicle. Rentals exceeding 7 days from the date the customer is notified that their vehicle is repaired, will not be reimbursed.

NOTE: The short-term rental vehicle program is an effort to make it easier for customers to have this recall repair completed and should only be offered when a customer requests a rental vehicle. Rental vehicles must not be used to help manage service department scheduling.

IMPORTANT: Dealers are pre-approved for up to 4 days of rental reimbursement while repairs are being performed (no approval code required). As most repairs take less than 1 hour to complete, if more than 4 rental days are required, dealers must request prior-approval from the SSSC for any additional days before the initial 4 days expire. In the SSSC web contact, provide details outlining why additional days are required.

Refer to the flow chart on the last page of this attachment for the full rental reimbursement process.

If the customer has paid for a rental vehicle or alternative transportation for the purpose of this recall, they are eligible for reimbursement within the guidelines outlined in the Takata Airbag Recall Rental Vehicle Policy. Dealers must follow the same process for claiming rental vehicle reimbursement and then refund the customer.

RENTAL VEHICLE SOURCE

Rental vehicles may be supplied through dealership owned rental units, the Ford Courtesy Transportation Program, Ford Rent-A-Car, Lincoln Rent-A-Car, or third party rental agencies. If a customer has reserved a rental vehicle on their own or with the assistance of the Customer Relationship Center, the same rental guidelines and processes for requesting reimbursement apply.

VEHICLE MAKE AND MODEL YEAR REQUIREMENTS

While it is a preference to put Ford customers in Ford rental vehicles and Lincoln customers in Lincoln rental vehicles, this is not always possible and is not a requirement for rental reimbursement under the Takata airbag recalls. Due to varying rental vehicle agency make and model inventory, Ford and Lincoln vehicles may not always be available so it is acceptable to use other make rental vehicles. There are no model year requirements for rental vehicle reimbursement.

RENTAL REIMBURSEMENT GUIDELINES / NATIONAL TAKATA RECALL RENTAL AGREEMENT

The following table lists the maximum per day dollar amounts that will be reimbursed under this policy. In some cases, the cost per day limit may not be sufficient to cover all of the costs associated with a rental vehicle. It is the customer's responsibility to cover any additional costs above the cost per day limits. If there is a unique customer circumstance that requires a rental vehicle with a higher per day allowance, dealers should submit a VIN specific request to the Special Service Support Center (SSSC) for special consideration.

Make of Recalled Vehicle	Rental Vehicle Reimbursement Cost Per Day Limit
Ford	\$44 (including tax)
Mercury	\$44 (including tax)
Lincoln	\$55 (including tax)

To make it easier for dealers to locate vehicles within the rental vehicle reimbursement limits, Ford has established an agreement with Enterprise Rent-A-Car, Avis Budget Group, and Hertz to provide rental vehicles for customers affected by the Takata airbag recalls within the reimbursement limits listed above including tax. The only exclusion being the \$55 per day rate for Lincoln customers, which has only been agreed upon by Enterprise Rent-A-Car and Hertz.

- For Enterprise Rent-A-Car, Avis Budget Group, and Hertz, rental rates charged will be based on the make of the vehicle covered under the recall, rather than the type of vehicle rented to the customer (i.e. \$44 per day for Ford and Mercury owners and \$55 per day for Lincoln owners).
- If a customer decides to rent a specialty vehicle such as a large SUV that is in excess of the cost per day reimbursement limits, the additional cost beyond the approved rate for the vehicle rented will be the customer's responsibility to pay.
- Enterprise Rent-A-Car, Avis Budget Group, and Hertz do not guarantee that a Ford or Lincoln vehicle will be rented to all customers that own or request such vehicles.
- Regardless of a dealer's tax status Enterprise Rent-A-Car, Avis Budget Group, and Hertz will bill dealers at the rates listed above.
- The rates listed above may not be available at airport locations.
- Ford does not endorse any particular rental vehicle provider.

ENTERPRISE AUTOMATED RENTAL MANAGEMENT SYSTEM

If renting from Enterprise Rent-A-Car dealers are encouraged to schedule reservations through Enterprise's free Automated Rental Management System (ARMS®).

The ARMS® benefits to dealers are as follows:

- The ability to create and submit "real time" rental reservations online or through your CDK® or Reynolds & Reynolds® Dealership Management System to the local Enterprise branch.
- Reservations can be made same day or submitted in advance with anticipation of rental needs.
- Specific rental needs can be communicated in the reservation (e.g. full-size SUV desired, etc.).
- Authorize additional rental days when necessary.
- View and print rental invoices online, immediately after each rental event is completed.

EXPENSES NOT COVERED UNDER RENTAL VEHICLE REIMBURSEMENT

Rental Vehicle Reimbursement does not cover the following expenses:

- Mileage charges
- Fuel charges
- Underage driver surcharge
- Insurance
- One-way fees

NOTE: Some car insurance policies include rental vehicle insurance coverage so the purchase of additional insurance may not be required.

RENTAL VEHICLE DOCUMENTATION

Rental vehicle documentation must include the following:

- A rental invoice from a dealership or commercial rental agency
- Contract holder's name on the rental invoice
- Daily rental rate
- Proof of payment (for customer refund of rental)

ADMINISTRATIVE ALLOWANCE

Dealers are eligible to claim a \$25 administrative fee for:

- Any rental claims under long-term rental program 18A01, 18A02, 18A03, or 18A04 that were submitted after June 13, 2018. This includes long-term rental claims that were originally approved by the SSSC after May 12, 2018 but processed for warranty payment after June 13, 2018.
- Any rental claims with an RO open date after September 23, 2018 that require more than 4 rental days.

Refer to the Dealer Bulletin for claiming instructions.

CUSTOMER WAITLIST

Dealers with customers on a waitlist for a rental vehicle are encouraged to work with their rental vehicle provider of choice. In most cases if a rental vehicle is not immediately available, rental vehicle providers are able to provide one to customers within 24 hours.

If using Ford Courtesy Transportation Program (FCTP) for rentals, dealers should contact their sales operations manager for consideration for additional FCTP units.

YOUTHFUL RENTER SURCHARGE

Drivers under the age of 25 may be subject to a youthful renter surcharge and additional insurance requirements. These additional fees are not eligible for rental vehicle reimbursement unless they fall within the cost per day limits. Youthful renter policies vary by rental vehicle provider and location. Contact the rental vehicle provider that the vehicle is being rented from for further details.

INCREASED FORD COURTESY TRANSPORTATION PROGRAM (FCTP) GUIDES

In order to support these customers, FCTP Program Headquarters will review increased guides requests above the existing maximum on a case by case basis to ensure coverage is sufficient. Dealers must submit their request to their sales operations manager in order to be considered.

RENTAL VEHICLES PAID FOR BY CUSTOMERS

If a customer has obtained a rental vehicle on their own that is within the guidelines of this policy, they are eligible for a refund. The customer must provide the dealer with the rental documentation necessary to request rental reimbursement. Dealers must then follow the rental vehicle reimbursement process and provide a refund to the customer. Amounts above the cost per day limits will not be reimbursed.

ALTERNATIVE TRANSPORTATION

If a customer is unable or does not wish to rent a vehicle but still requires transportation, the rental reimbursement allowance can be used for alternative transportation. The same cost per day limits apply of \$44 per day for Ford and Mercury customers and \$55 per day for Lincoln customers. The dollar per day allowance can be cumulative across multiple rides per day (e.g. ride to work \$20 and ride home \$24).

- Any amount in excess of the cost per day limits will be the customer's responsibility.
- The customer will need to pay up front and provide proof of payment to the dealer.
- Dealers will then need to submit for reimbursement following the Rental Vehicle Reimbursement Process and then refund the customer.

Examples of alternative transportation:

- Taxi
- Public Transportation - Subway, Train, or Bus
- Rideshare alternatives (Uber, Lyft, etc.)

STORAGE OF CUSTOMER VEHICLES

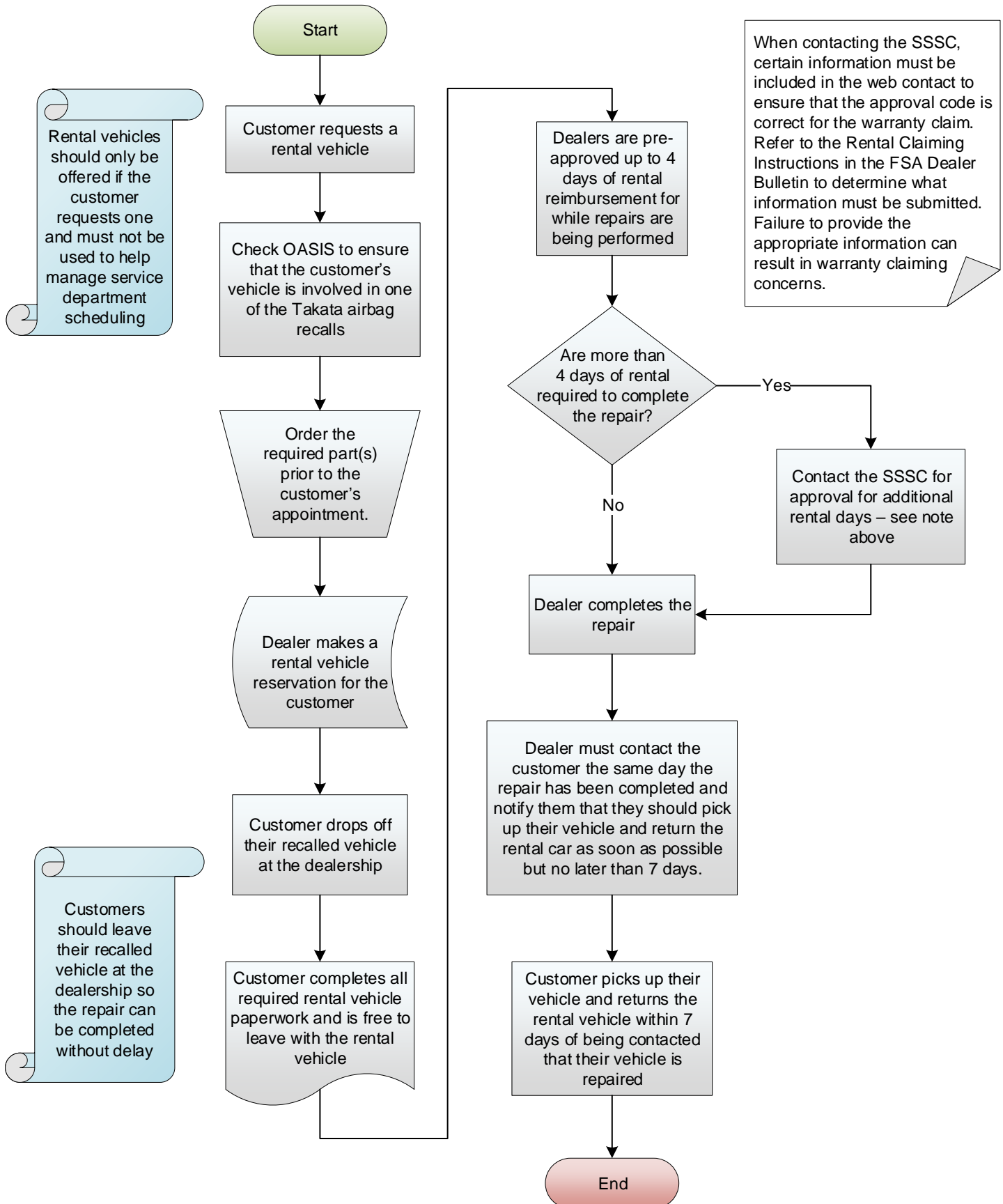
For all new rental requests, dealers should retain customer vehicles until the recall repair is completed and the rental vehicle is returned. This will allow for the vehicle to be repaired as soon as the part arrives and for the rental vehicle to be promptly returned. Due to the short expected duration of vehicle storage, a vehicle storage/upkeep allowance will not be provided to dealers under this program.

If customers were previously advised to retain and store their vehicles, they should drop their vehicles off at their dealer so the vehicle can be repaired as soon as the part arrives. Customers will be responsible for all vehicle upkeep during the time the vehicle is being stored.

RESTRICTED VEHICLE USE AGREEMENT

The Restricted Vehicle Use Agreement is no longer required for new rental requests due to the recalled vehicle remaining at the dealership until repaired.

TAKATA AIRBAG RECALL RENTAL VEHICLE PROCESS



Safety Recall 17S42

Mobile Repair / Vehicle Pick-Up and Delivery Record

VIN _____ received (check one):

- Mobile Repair
- Delivery service

As outlined below for the 17S42 Field Service Action program.

Mobile Repair – Date: _____

OR

Delivery – Date: _____

Repair Order #

Repair Order Date

Service Manager Signature

Date

Safety Recall 17S42 – Supplement #17

DO NOT DRIVE VEHICLES

Certain 2004-2006 Model Year Ranger Vehicles
Driver and Passenger Airbag Inflator Replacement













Mobile Service Repair Assessment

Assessment levels have been identified to help determine the ease of performing eligible mobile service repairs for a Field Service Action (FSA) outside of the dealership service facility.


Dealer Bulletin



Within the Administrative Information Attachment of the dealer bulletin a mobile service repair assessment level(s) will be provided. These assessment levels have been determined using the amount of time, equipment and labor identified to perform the intended service action.

Assessment Levels

-  - Mobile Reprogramming
-   - Light Mobile Service
-    - Enhanced Mobile Service
-     - Advanced Mobile Service
-  - Wheel and Tire Mobile Service
-  - Not a Mobile Service Repair




Description of each level that is used to determine the overall assessment.

-  – Mobile Reprogramming
 - Module Programming or similar type services
 - Minimum tools maybe required other than an **IDS/FDRS** setup
 - FDRS programming that requires internet connection (wi-fi or mobile hotspot)
 - Make sure vehicle has a charge port to ensure battery voltage is maintained during flashing of the module(s)
 - Repairs not greater than 1 hour in length (including time to wait for programming)

Note: The location will need a charging station or wall box to maintain the 12-volt battery.
-   – Light Mobile Service
 - Interior repair procedures that do not require seat, dash, or headliner removal
 - Under hood repairs that do not require large component removal
 - Exterior repairs that do not require large component/panel removal
 - Repairs may require standard hand tools (Access to a Technician starter kit or similar)





Safety Recall 17S42 – Supplement #17***DO NOT DRIVE VEHICLES***

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   – Enhanced Mobile Service

- ***A two-person process is required anytime a procedure requires work under the vehicle***
- Brake Inspection and Brake Repair/Replacement
- Limited Suspension Component replacement (no alignment)
- Under Vehicle access for limited repairs (no large component removal)
- Vehicle Check Up - VCU
- Pre-Delivery Inspection - PDI
- Used Car Inspection/Presale Inspection
- May require floor jack, jack stands, and impact tools

Note: Wheel lock may be required.

    – Advanced Mobile Service

- Fluid Exchange/Oil Change
- Light Repairs
- Brake Hydraulic Repairs

 – Wheel and Tire Mobile Service

- Tire Removal from Wheel
- Tire Balancing
- Tire Repair

Note: Specialized Mobile Service unit and equipment including Tire balancer and Tire Changer required.

 – Not a Mobile Service Repair

- Large component removal
- BEV Battery Replacement
- Requires a vehicle hoist – to complete the repair (more than inspection)
- Required vehicle alignment
- Requires significant vehicle disassembly
- Repairs greater than 2-3 hours
- Any repairs that require M-Time
- Includes a service procedure where the vehicle owner may be distressed about the state of their vehicle