

GROUP
5

FORD FIGO B517

Body and Paint

SECTION TITLE	PAGE
Body and Paint	
Body System - General Information.....	501-00
Front End Body Panels.....	501-02
Body Closures.....	501-03
Interior Trim and Ornamentation.....	501-05
Rear View Mirrors.....	501-09
Seating.....	501-10
Glass, Frames and Mechanisms.....	501-11
Instrument Panel and Console.....	501-12
Handles, Locks, Latches and Entry Systems.....	501-14
Wipers and Washers.....	501-16
Bumpers.....	501-19
Safety Belt System.....	501-20A
Supplemental Restraint System.....	501-20B
Body Repairs - General Information.....	501-25A
Body Repairs - Noise, Vibration and Harshness.....	501-25B
Body Repairs - Plastic Repairs.....	501-25C
Body Repairs - Paintless Dent Removal.....	501-25D
Body Repairs - Vehicle Specific Information and Tolerance Checks.....	501-26
Front End Sheet Metal Repairs.....	501-27
Roof Sheet Metal Repairs.....	501-28
Side Panel Sheet Metal Repairs.....	501-29
Rear End Sheet Metal Repairs.....	501-30
Paint - General Information.....	501-36
Frame and Mounting	
Uni-Body, Subframe and Mounting System.....	502-00

SECTION 501-00 Body System - General Information

VEHICLE APPLICATION: 2010.25 Figo

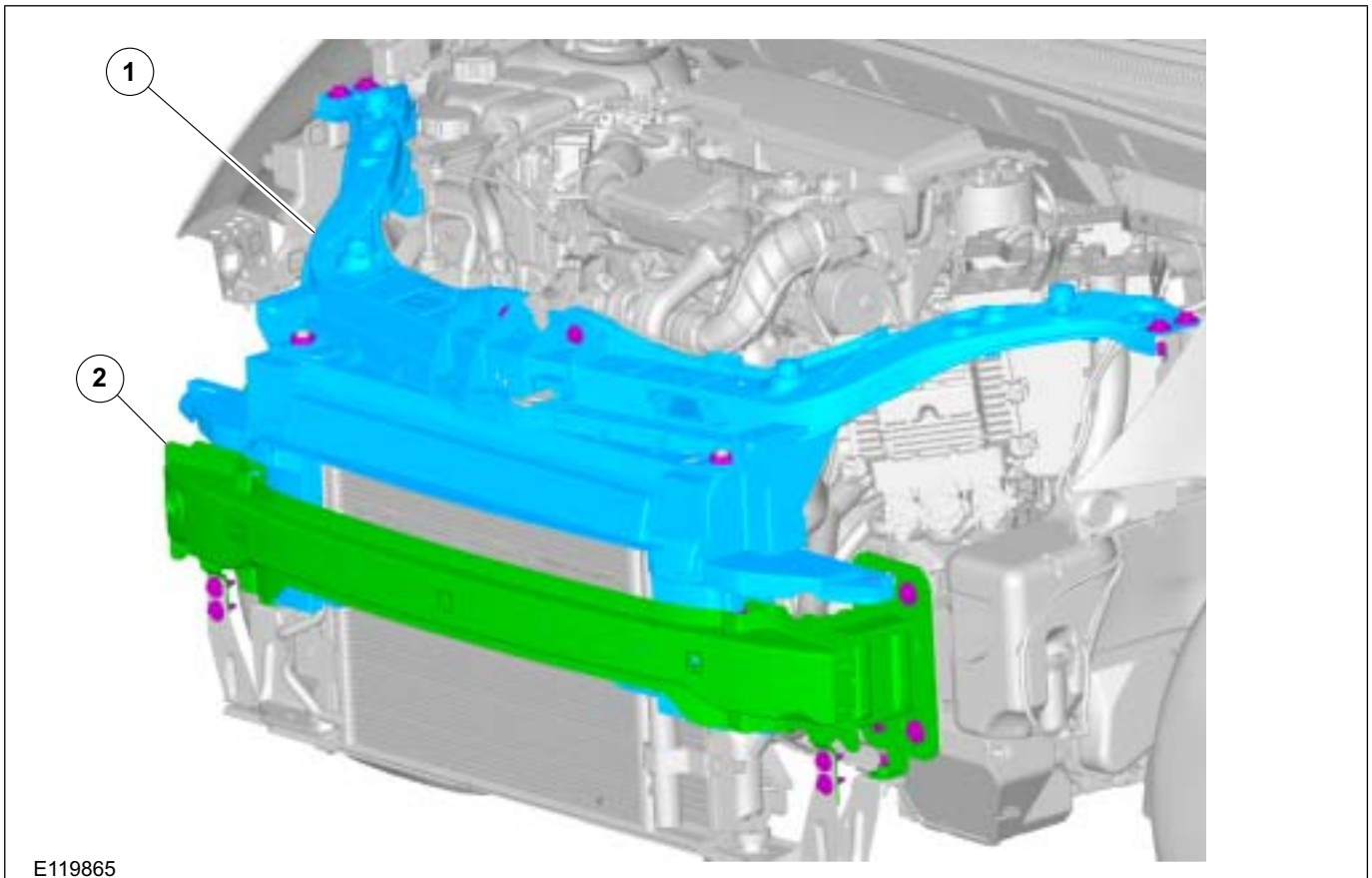
CONTENTS	PAGE
DESCRIPTION AND OPERATION	
Body.....	501-00-2
Front end design features.....	501-00-2
Rear end design features.....	501-00-4
NVH elements.....	501-00-4
Attached parts.....	501-00-5

DESCRIPTION AND OPERATION

Body

Front end design features

The newly designed front end structure of this model consists mainly of the plastic front end module and the sheet steel crash element.



Item	Description
1	Plastic front end module
2	Sheet steel crash element (crossmember)

This design allows repairs to be performed easily and economically, as the complete front end module can be detached together with the flanged-on assemblies.

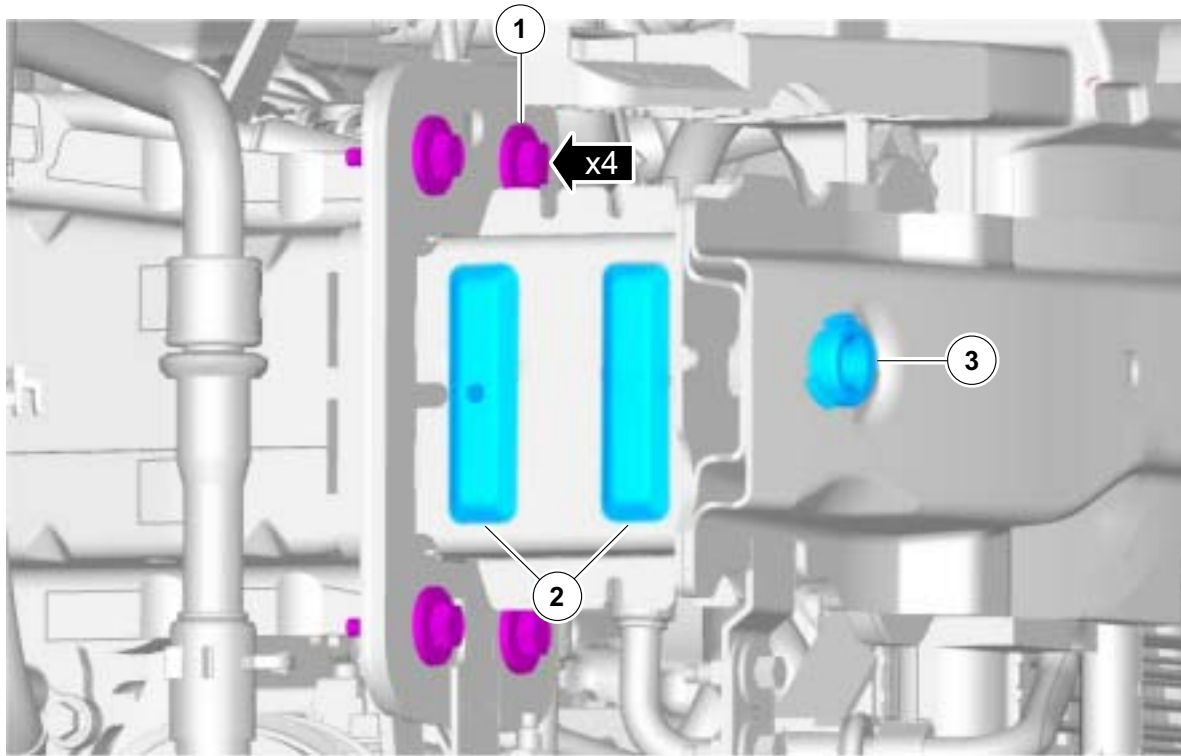
In areas subjected to more severe loads the plastic front end module is additionally reinforced with high-resistance foam.

Plastic front end module

The plastic front end module acts among other things as a mounting for various components like the radiator, radiator fan and hood lock.

DESCRIPTION AND OPERATION

Sheet steel crash element



E119866

Item	Description
1	Securing bolts
2	Designated yield points
3	Towing eye mounting

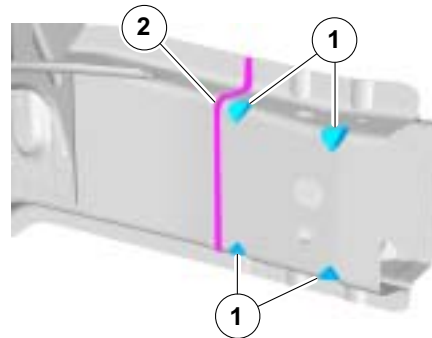
The sheet steel crash element consists of a crossmember to which two crash boxes are welded.

The crash element absorbs the majority of the impact energy in a crash.

Flange plates on the longitudinal members allow the bolted crash element to be easily replaced.

Towing eye mounting

Front longitudinal member



E119867

Item	Description
1	Designated yield points
2	Laser weld seam

As well as the sheet steel crash element, the front longitudinal members also contribute to the passive safety of the vehicle.

DESCRIPTION AND OPERATION

Two additional designated yield points in the front part of the longitudinal members absorb further crash energy.

2-part frame construction in the deformation area - increased ease of repair.

Laser butt weld seam directly behind the crash area - optional sectional replacement.

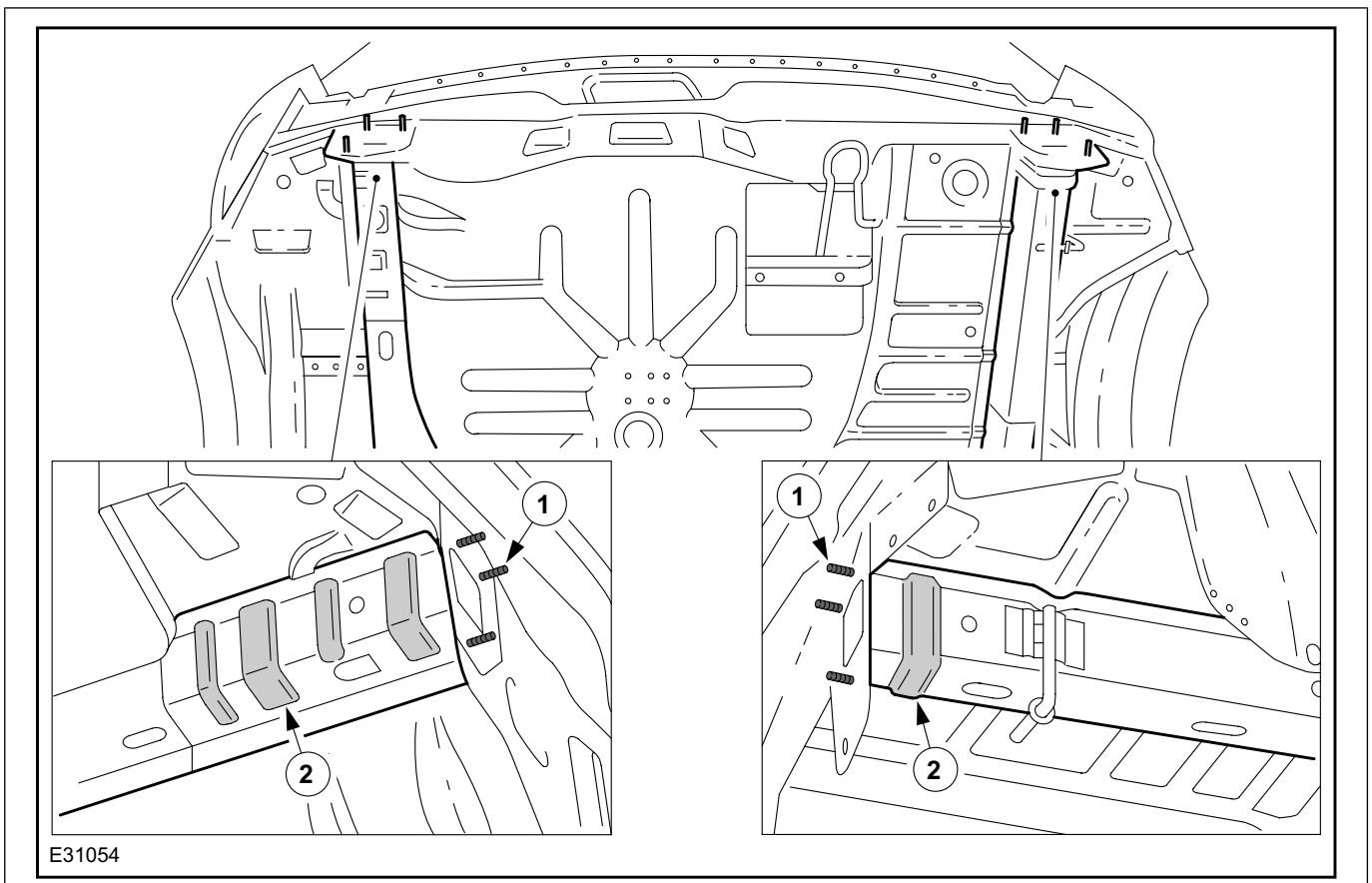
In the front area of the longitudinal members (deformation area) there are no inward reinforcements - increased ease of repair.

Front bumper

The plastic bumper is positioned relative to the fenders with two plastic lugs on each side of the vehicle and bolted in place.

The fog lamps are integrated in the bumper, and the ventilation grille and the front apron are clipped onto the bumper.

Rear end design features



Item	Description
1	Studs
2	Designated yield points

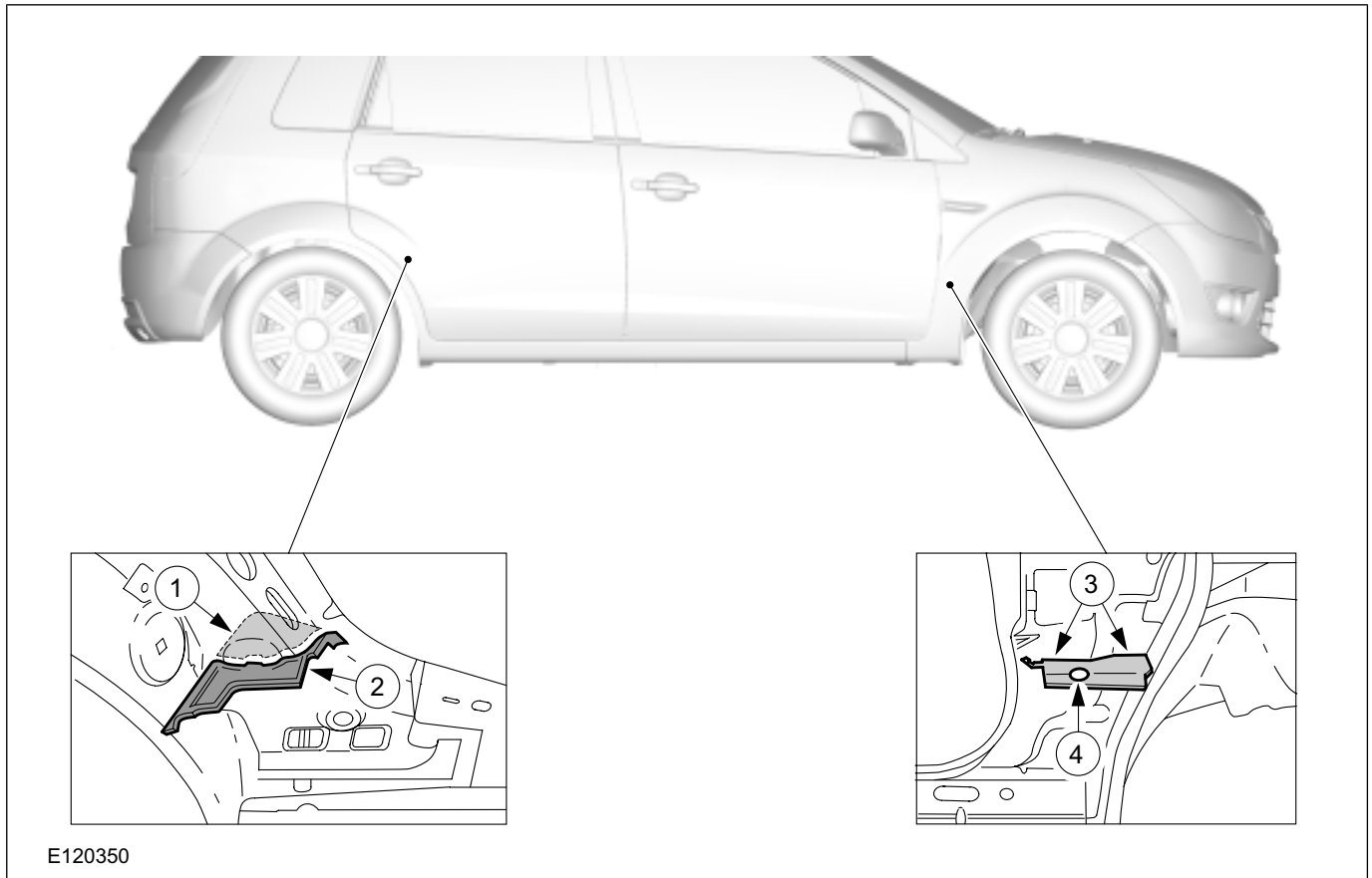
damage on the body structure. Sectional replacements are possible in the area of the designated yield points.

NVH elements

As already featured on some models of Ford, this model also features three elements on each side of the vehicle to reduce the transmission of airborne noise to the body.

If any body repairs are carried out in these areas then the NVH elements must also be reinstalled or renewed.

DESCRIPTION AND OPERATION



Item	Description
1	NVH element - C-pillar/inner wheel arch
2	NVH element - C-pillar/outer wheel arch
3	Clip connections
4	NVH element - A-pillar with leadthrough for the sun roof water drain hose

A-pillar area

Separation of wet and dry areas.

Leadthrough for the sun roof water drain hose.

C-pillar/wheel arch area

2-part element.

Mounting provided by a clip connection in the intermediate panel of the wheel arch.

Divides up the resonant space of the sill panel and the C-pillar.

Attached parts

Doors

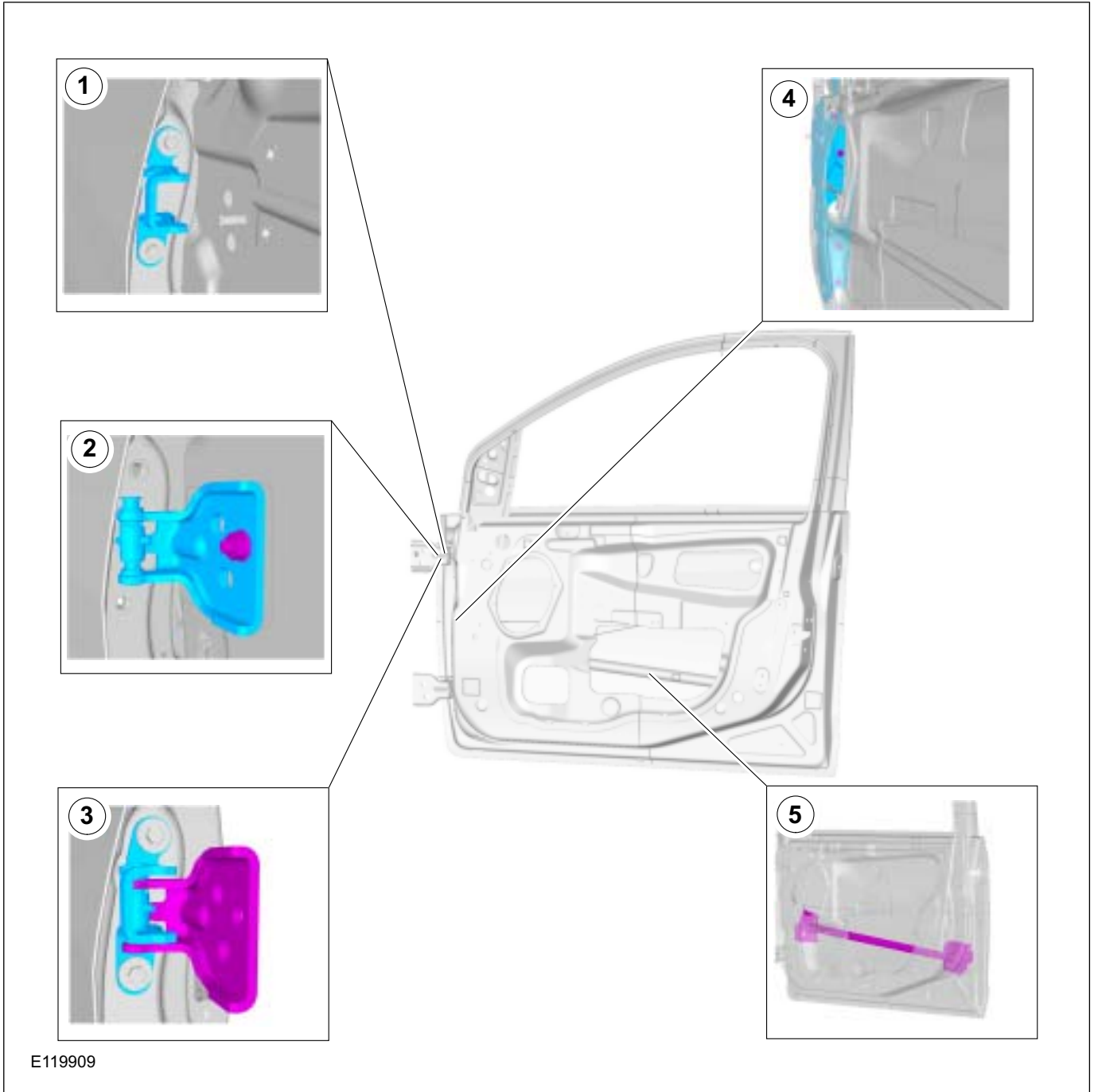
The dividable door hinges are attached with two bolts each to the body and the door. Adjustment options are provided via the oversized bores in the halves of the hinge, allowing adjustments to be performed without removing trim panels.

The central electrical power supply to the doors is provided on the front doors via a round bayonet connector and on the rear doors via a rectangular clip connector.

The doors are only hung by the hinge halves on pivot pins and can be simply unhinged when open. The doors are locked in the closed position via a mechanical locking mechanism which is integrated into the hinge half on the body side.

Sealing for the doors is provided in the form of a surrounding rubber seal on the body side.

DESCRIPTION AND OPERATION

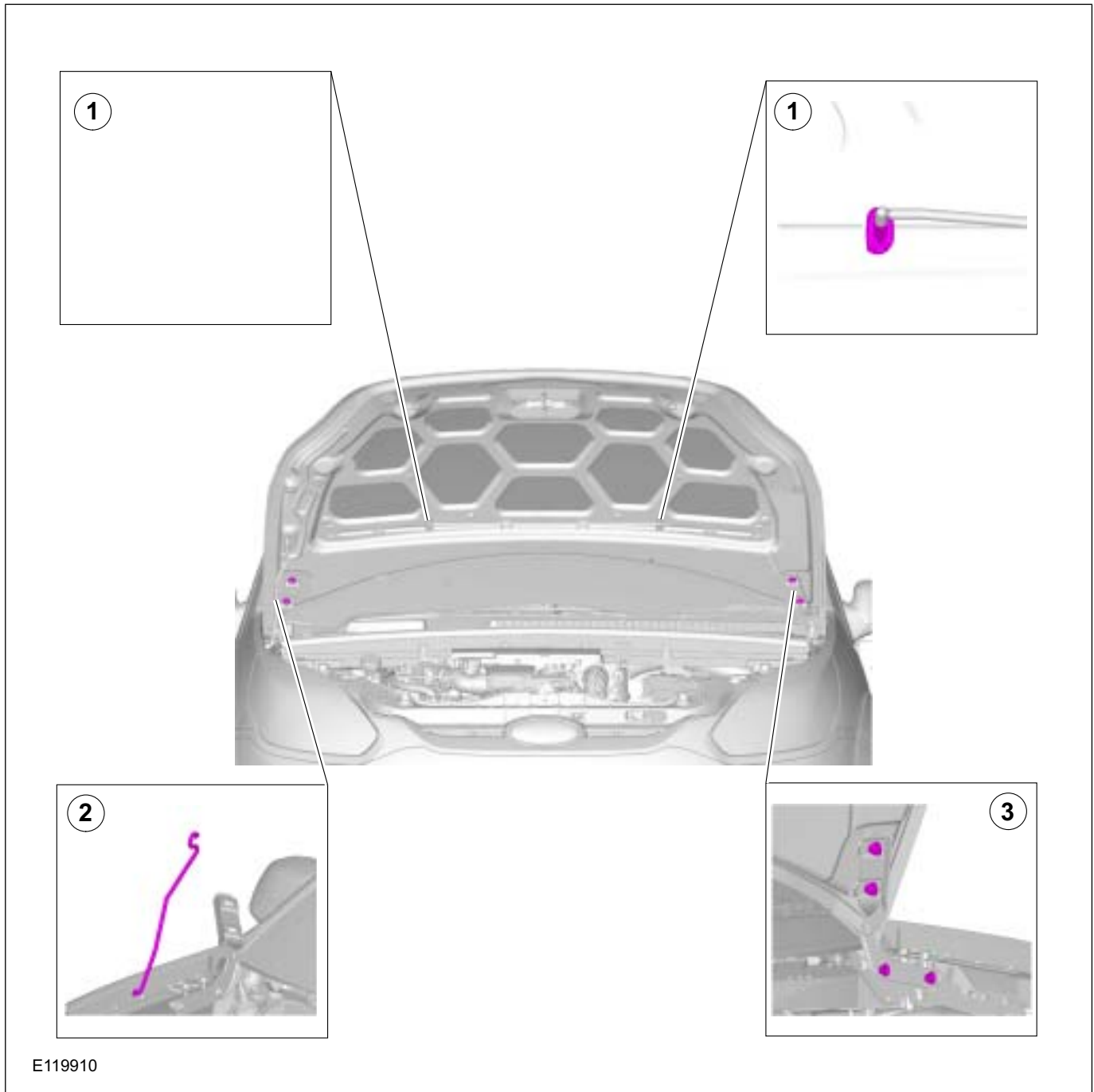


Item	Description
1	Hinge half, door side
2	Hinge half, body side

Item	Description
3	Mechanical locking mechanism with the door closed
4	Door hinge mounting plate
5	Front door reinforcement

DESCRIPTION AND OPERATION

Hood



Due to the reinforcement of the panel areas (grey areas), there are limited options for performing dent removal techniques without damaging the paintwork.

Surrounding seals and sealing bead in the clinched flange area.

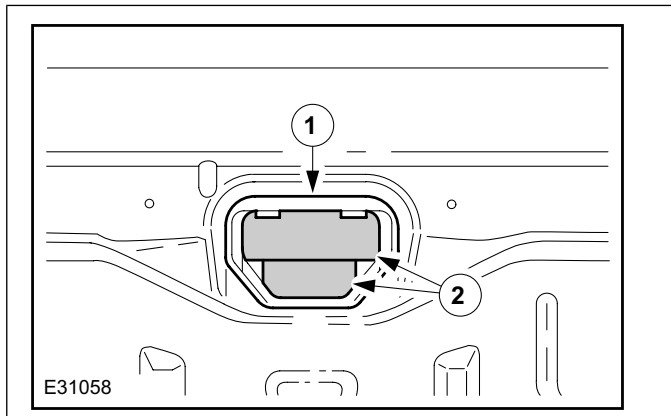
Windshield washer nozzles (1) integrated into the hood.

Mechanical hood prop (2) on the right-hand side of the vehicle.

Hinge on the body side and hood side (3), each secured with 2 bolts. Adjustment options are provided via oversized bores,

The hood lock can be released via a cable from the passenger compartment.

Some variants of diesel vehicles are equipped with a hood insulation.

DESCRIPTION AND OPERATION**Forced ventilation**

Item	Description
1	Plastic mounting element
2	Moving plates

In the rear part of this model there are three clipped-in elements for forced ventilation of the passenger compartment and luggage compartment.

- Two elements in the lower part of the left/right-hand side panel.
- One central element in the area of the rear panel.

Fascia/crash padding

The fascia/crash padding is secured to a cross-car beam bolted between the two A-pillars. Components like the passenger airbag, steering column etc. are directly attached to this component.

SECTION 501-02 Front End Body Panels

VEHICLE APPLICATION: **2010.25 Figo**

CONTENTS	PAGE
SPECIFICATIONS	
Specifications.....	501-02-2
REMOVAL AND INSTALLATION	
Fender..... (44 252 0)	501-02-3
Hood.....	501-02-5
Radiator Grille Opening Panel.....	501-02-7

SPECIFICATIONS**Torque Specifications**

Item	Nm	lb-ft	lb-in
Hood hinge to hood retaining nuts	23	17	-
Hood hinge retaining bolts	23	17	-
Windshield wiper arm retaining nuts	20	15	-
Fender splash shield retaining screws	5	-	44
Fender retaining bolts	7	-	62
Washer reservoir to radiator grille opening panel retaining bolt	3	-	27
Front bumper retaining bolts	25	18	-
Radiator grille opening panel retaining bolts	25	18	-
Hood release cable fitment to body	9	-	-

REMOVAL AND INSTALLATION

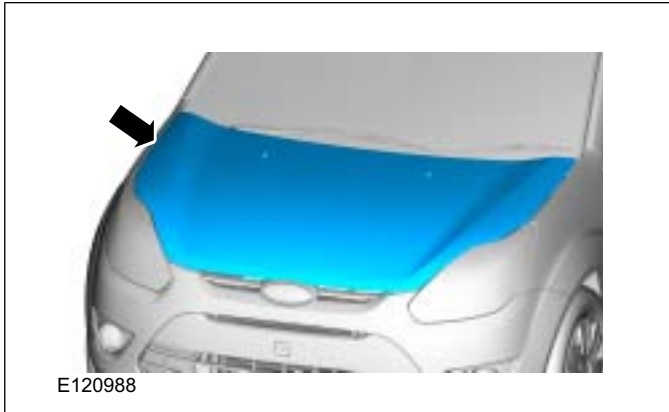
Fender(44 252 0)

Removal

1. NOTE: For right side fender removal only.

Remove the hood.

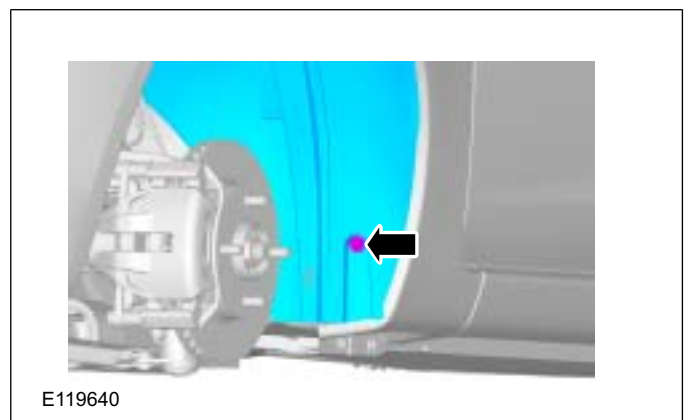
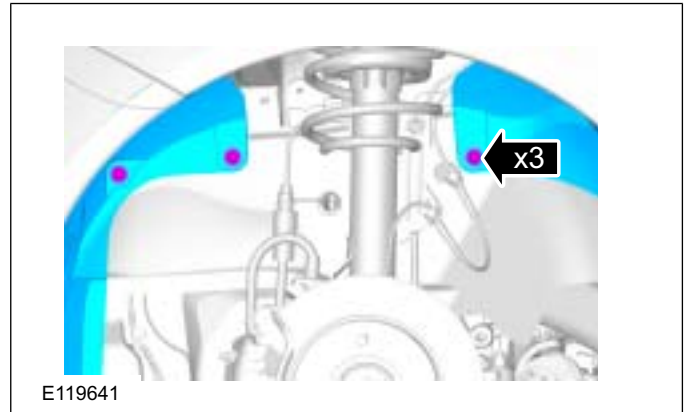
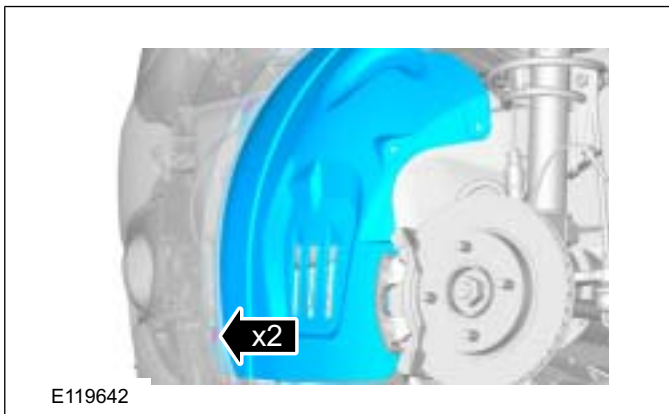
For additional information, refer to: **Hood**
(501-02 Front End Body Panels, Removal
and Installation).



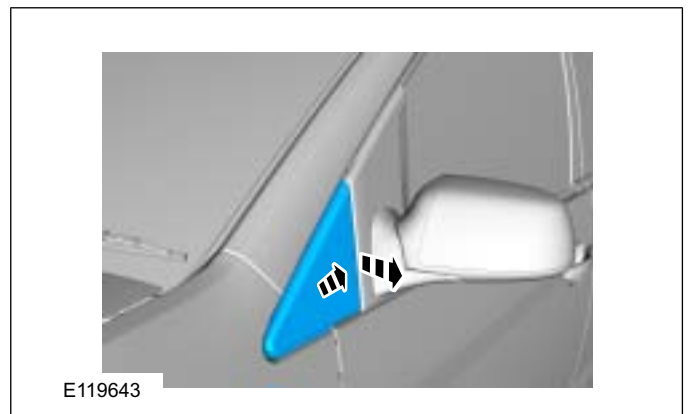
2. Remove the front wheels.

For additional information, refer to: **Wheel
and Tire** (204-04 Wheels and Tires, Removal
and Installation).

3. Remove the fender splash shield.

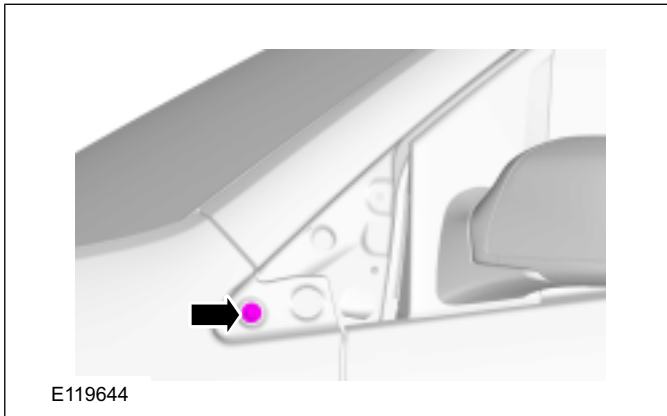


4. Remove the fender side cover moulding.

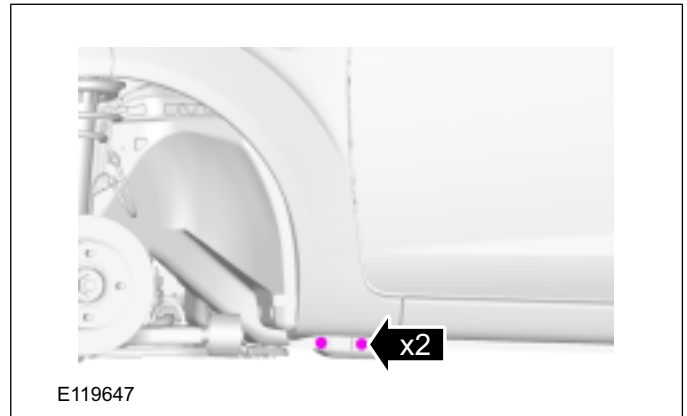


REMOVAL AND INSTALLATION

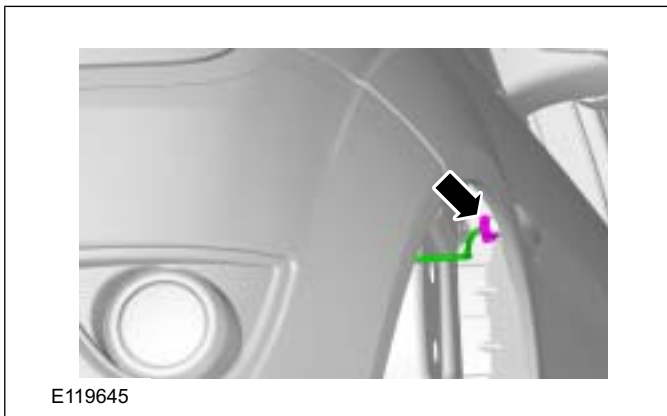
5. Remove the fender retaining upper bolt.



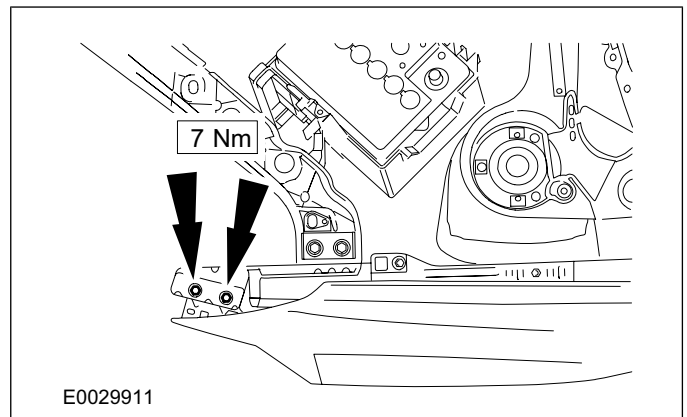
10. Remove the fender lower retaining bolts.



6. Disconnect the turn signal electrical connector.

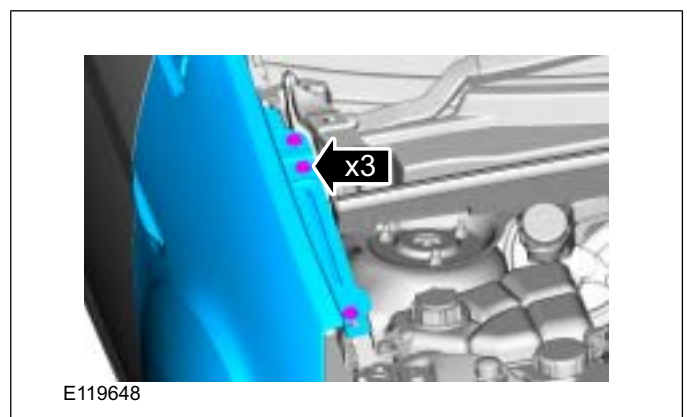


11. Remove the fender front retaining bolts.

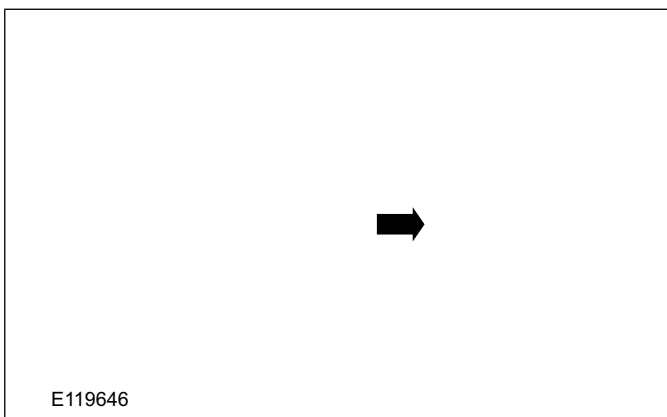


7. Remove the headlamp assembly.

12. Remove the fender.



8. Remove the fender inner retaining bolt.



Installation

1. To install, reverse the removal procedure.

9. Remove the front bumper cover.

For additional information, refer to: **Front Bumper Cover** (501-19 Bumpers, Removal and Installation).

REMOVAL AND INSTALLATION

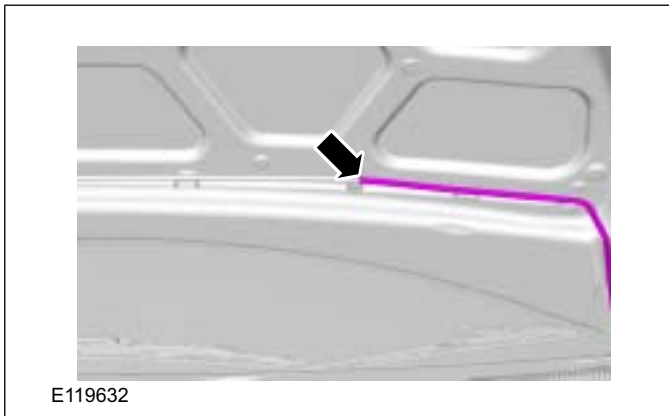
Hood

Removal

1. Open the hood.
2. Remove the battery negative cable.

For additional information, refer to: **Battery Disconnect and Connect** (414-01 Battery, Mounting and Cables, General Procedures).

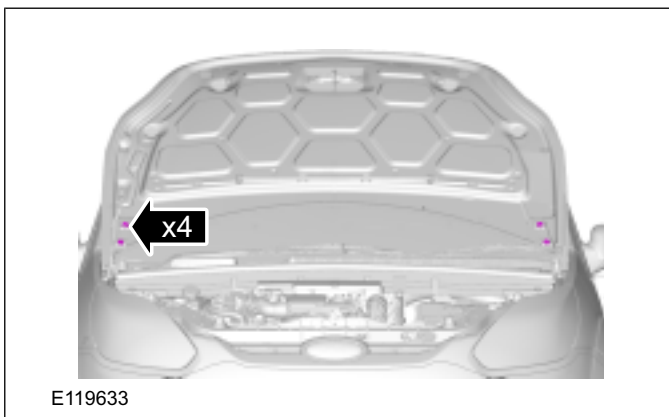
3. Remove the wiper washer fluid hose.



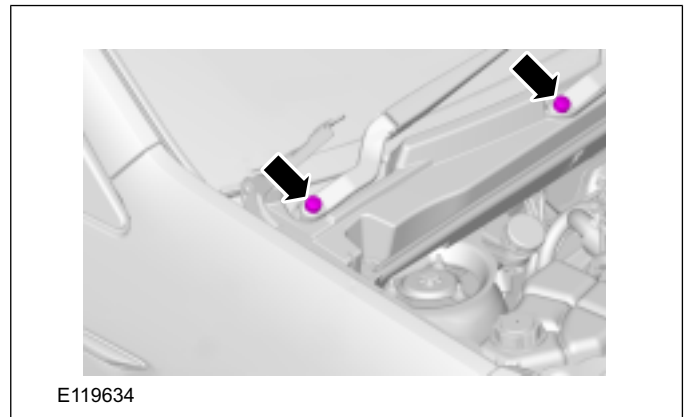
4. **NOTE:** Mark the position of the hood hinge in relation to the hood on both sides to aid installation.

Remove the hood.

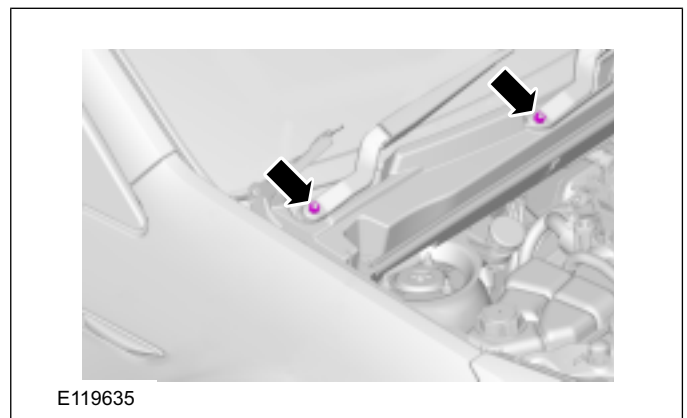
1. Remove the nuts on both sides.



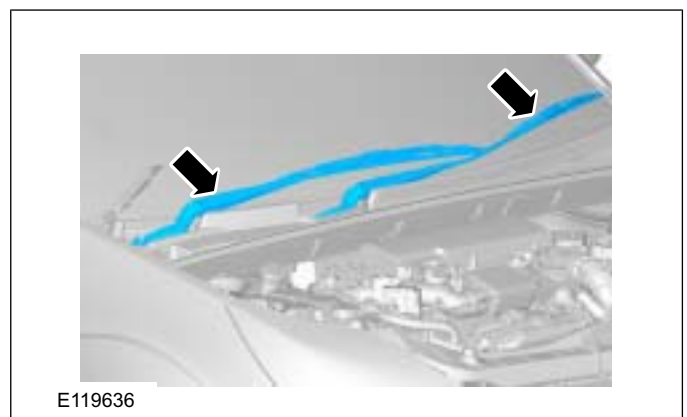
5. Remove the wiper arm covers on both sides.



6. Remove the wiper arm nuts on both sides.



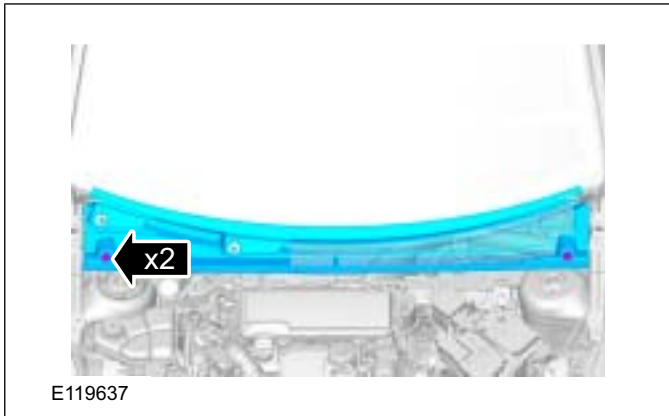
7. Remove the wiper arms on both sides.



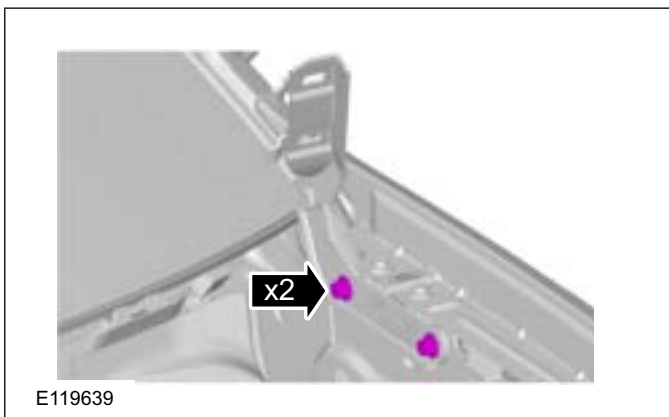
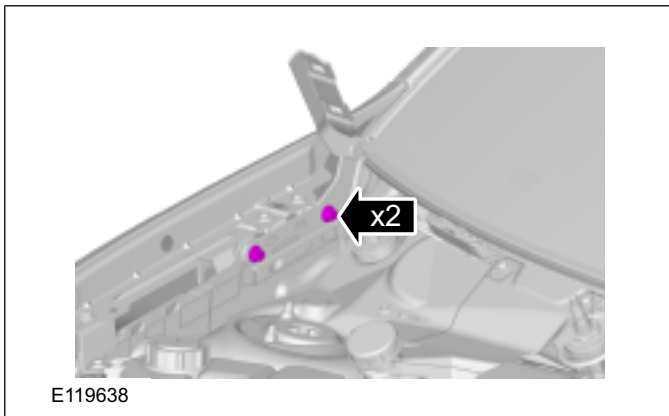
8. Remove the cowl panel grill.

REMOVAL AND INSTALLATION

1. Remove the clips on both sides.

**9. Remove the hood hinges on both sides.**

1. Remove the bolts on both sides.

**Installation**

1. **NOTE:** Align the hood and hood hinge bolts to the previously marked positions.

To install, reverse the removal procedure.

REMOVAL AND INSTALLATION

Radiator Grille Opening Panel

Removal

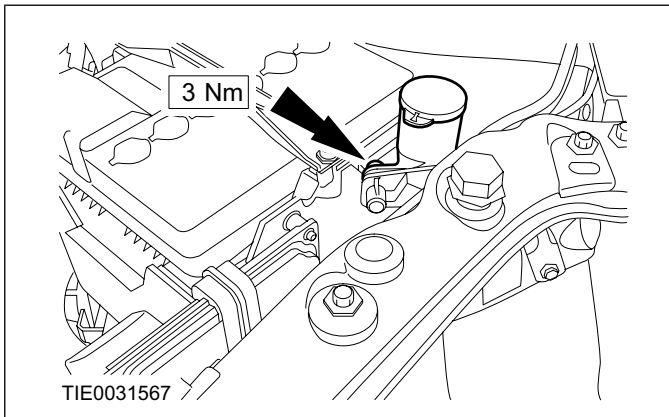
1. Remove the front bumper cover.

For additional information, refer to: **Front Bumper Cover** (501-19 Bumpers, Removal and Installation).

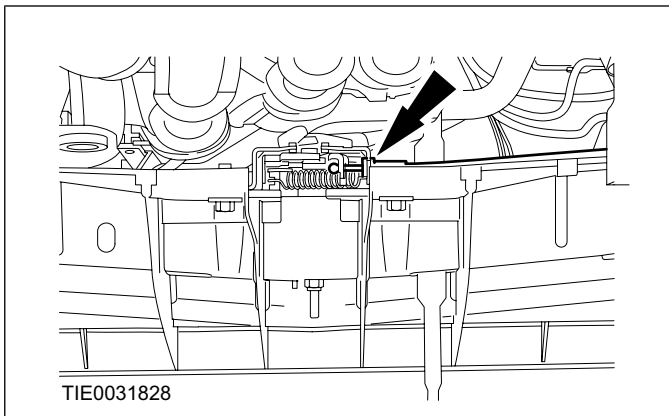
2. Remove the headlamp assembly.

For additional information, refer to: **Headlamp Assembly** (417-01 Exterior Lighting, Removal and Installation).

3. Detach the windshield washer reservoir from the radiator grille opening panel.

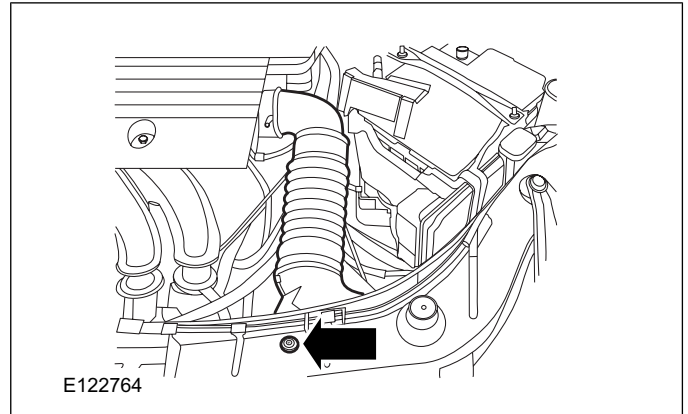


4. Release the hood latch release cable.

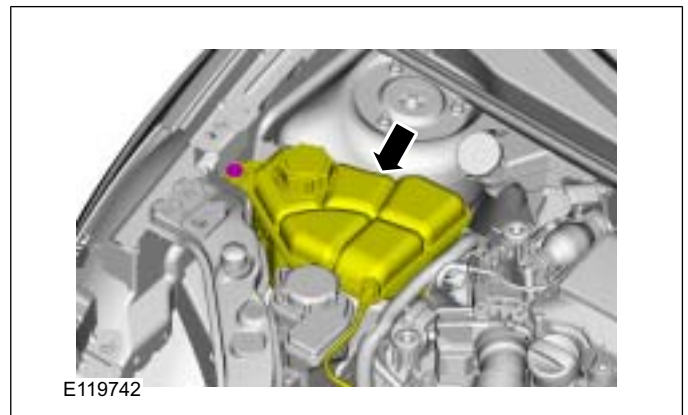


5. **NOTE:** Vehicles with 1.4L/1.6L Duratec engines only.

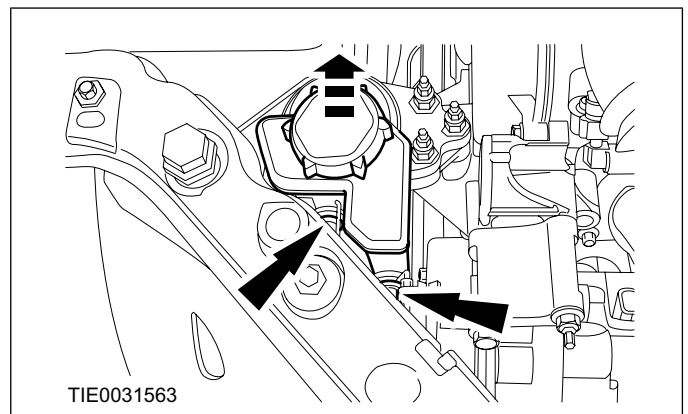
6. Detach the air intake hose from the radiator grille opening panel.



6. Detach the coolant tank and keep it aside.

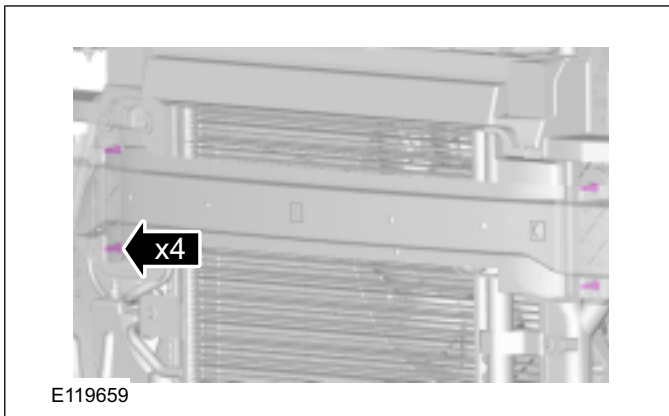


7. Detach the power steering pump (PSP) reservoir from the radiator grille opening panel.

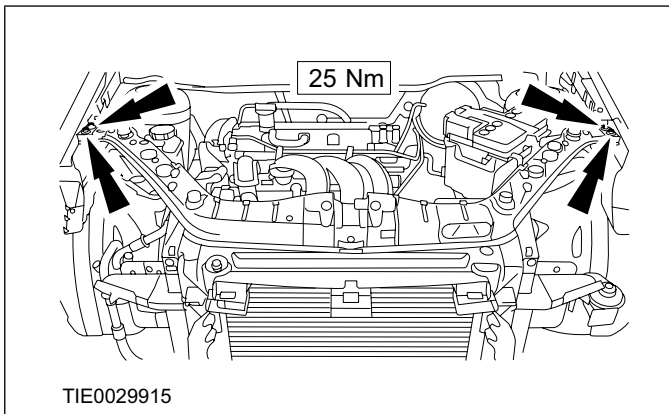


REMOVAL AND INSTALLATION

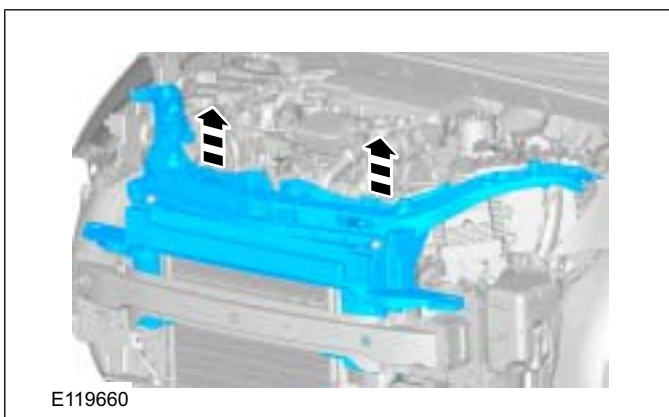
8. Remove the radiator grill opening panel retaining bolts attaching it to the front reinforcement assembly.



9. Remove the radiator grill opening panel retaining bolts.



10. Remove the radiator grille opening panel.



Installation

1. **⚠ CAUTION:** The radiator grille opening panel must be installed centrally between the fenders, the hood and headlamps must engage freely to prevent damage.

To install, reverse the removal procedure.

SECTION 501-03 Body Closures

VEHICLE APPLICATION: **2010.25 Figo**

CONTENTS	PAGE
SPECIFICATIONS	
Specifications.....	501-03-2

SPECIFICATIONS**Torque Specifications**

Item	Nm	lb-ft	lb-in
Door check strap to door retaining bolts	6	-	53
Door check strap to door pillar retaining bolts	23	17	-
Door striker plate retaining bolts	14	10	-
Door hinge retaining bolts	25	18	-
Front and rear door bezel screw tightening	2	-	-
Front and rear trim board lower screw tightening	2	-	-
Outer handle screw tightening	2	-	-
Liftgate striker plate retaining bolts	11	8	-
Liftgate hinge retaining nuts	18	13	-
Liftgate hinge retaining bolts	11	8	-
Hood hinge retaining bolts	23	17	-
Check arm screw tightening (Front & Rear)	23	17	-
Liftgate damper pivot	23	17	-
Tailgate latch screw tightening	23	17	-
Latch assy to front and rear door	8	-	-
Mechanical fuel door lever fitment	6	-	-

SECTION 501-05 Interior Trim and Ornamentation

VEHICLE APPLICATION: **2010.25 Figo**

CONTENTS	PAGE
SPECIFICATIONS	
Specifications.....	501-05-2
REMOVAL AND INSTALLATION	
Front Door Trim Panel..... (43 705 0)	501-05-3
Front Scuff Plate Trim Panel.....	501-05-6
Loadspace Trim Panel.....	501-05-8
Rear Door Trim Panel..... (43 706 0)	501-05-10
Headliner..... (43 612 0)	501-05-12
B-Pillar Trim Panel..... (43 617 0)	501-05-16
C-Pillar Trim Panel..... (43 618 0)	501-05-17
Rear Scuff Plate Trim Panel.....	501-05-19