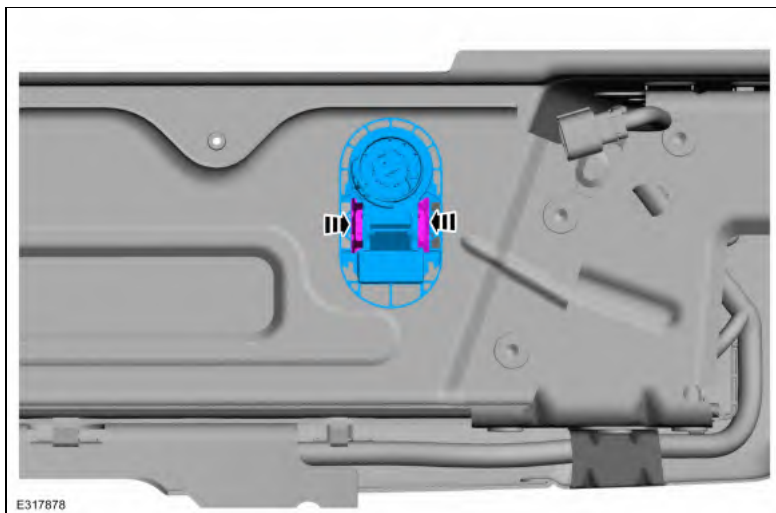


Rear Bumper

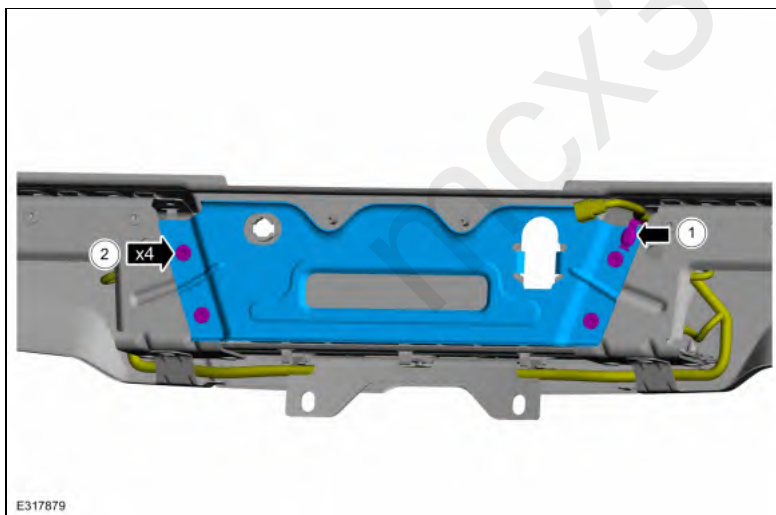
DISASSEMBLY

NOTE: The disassembly procedure may contain assembly details.

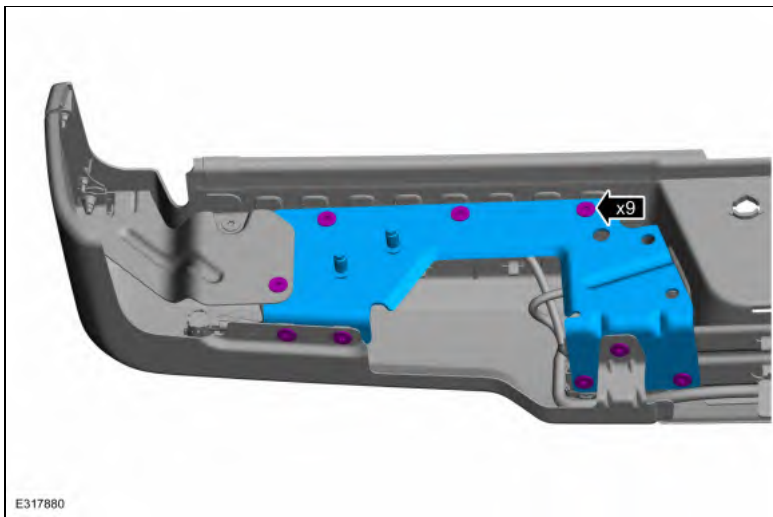
1. Remove the rear bumper.
Refer to: Rear Bumper (501-19 Bumpers, Removal and Installation).
2. Release the tabs and remove the trailer connector.



3.
 1. Detach the wiring harness retainer and position the wiring harness aside.
 2. Remove the bolts and the rear bumper center bracket.
Torque: 18 lb.ft (25 Nm)

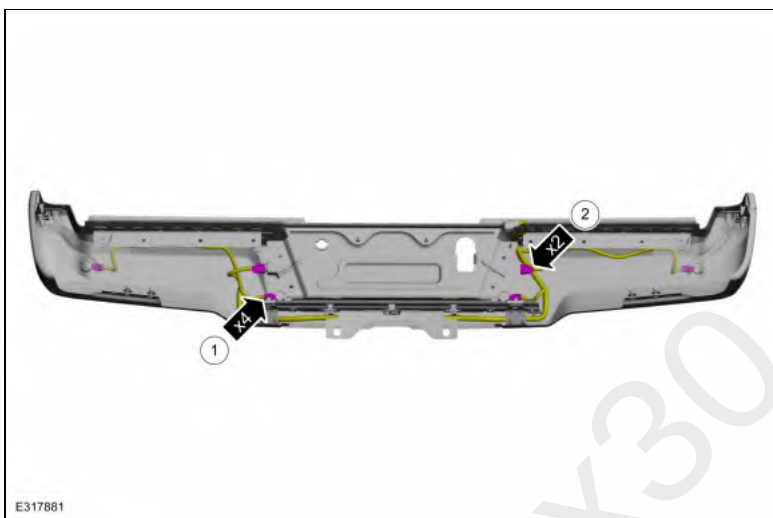


4. On both sides.
Remove the bolts and the outer reinforcement.
Torque: 18 lb.ft (25 Nm)

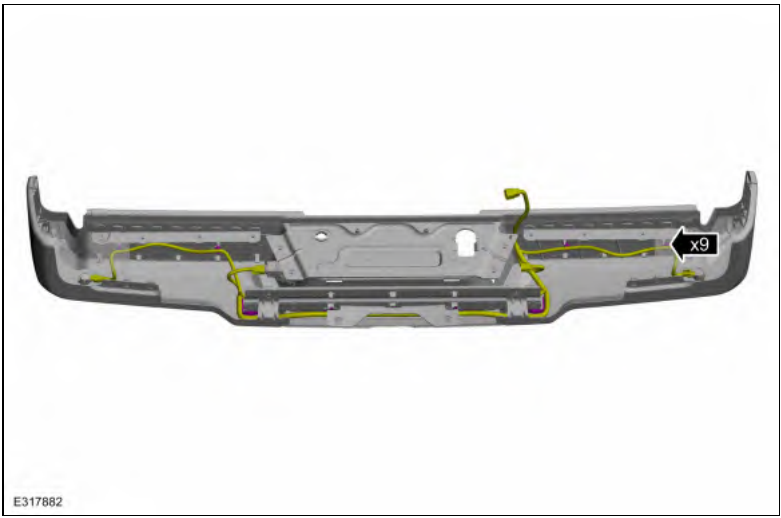


5.

1. Disconnect the rear park aid sensor electrical connectors.
2. Disconnect the license plate lamp electrical connectors.



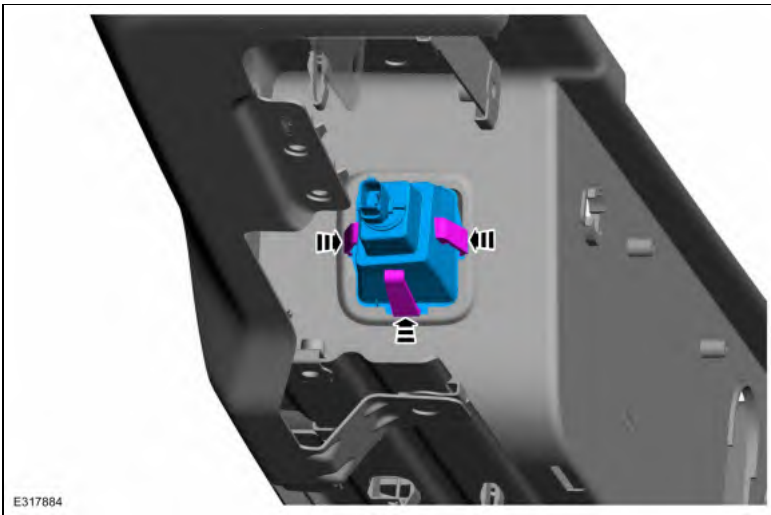
6. Detach the wiring harness retainers and remove the wiring harness.



7. Remove the push pins and the bracket.



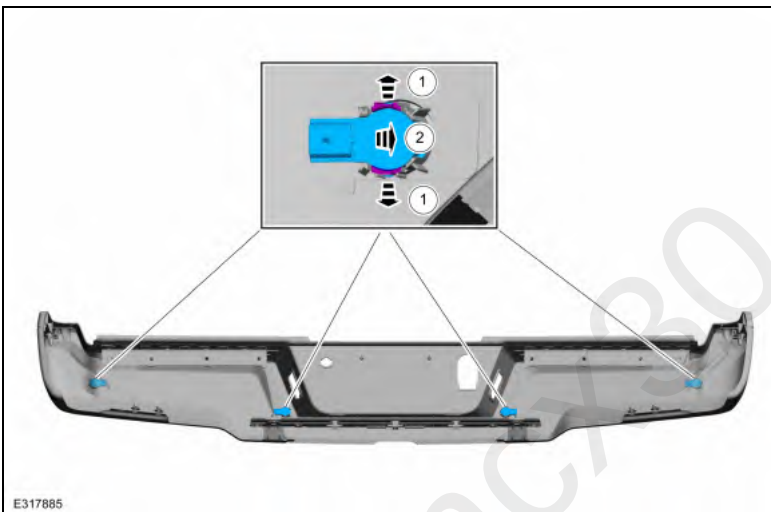
8. On both sides.
Release the tabs and remove the license plate lamps.



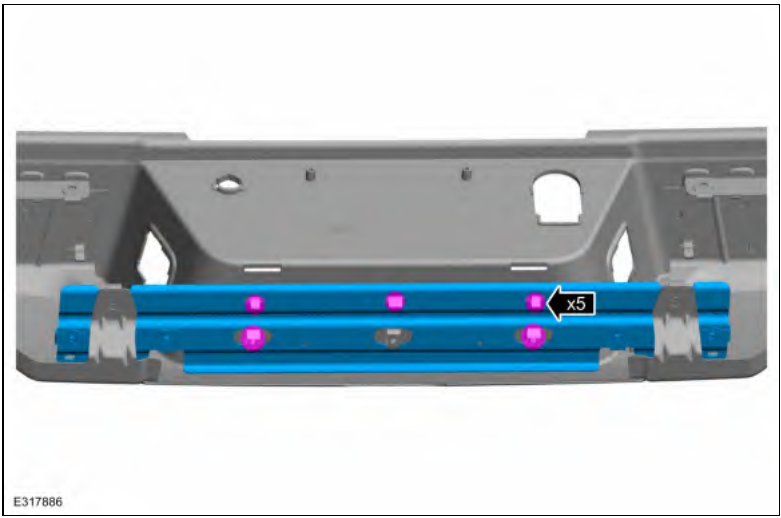
9. **NOTE:** Make sure that the isolator rings are installed correctly while installing the sensors.

Remove the rear parking aid sensors.

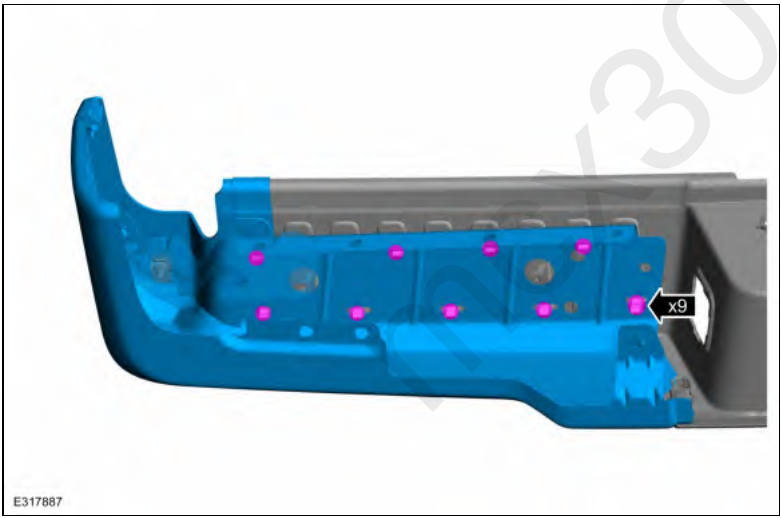
1. Release the tabs.
2. Remove the sensor from the bracket.



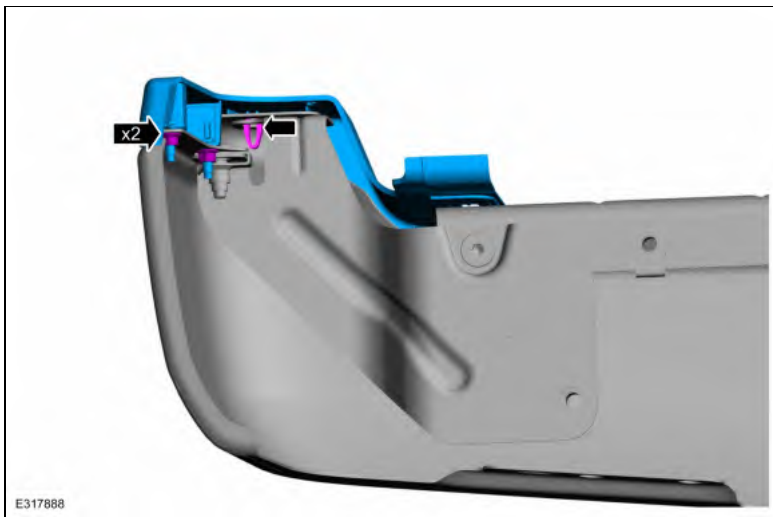
10. Release the tabs and remove the lower support.



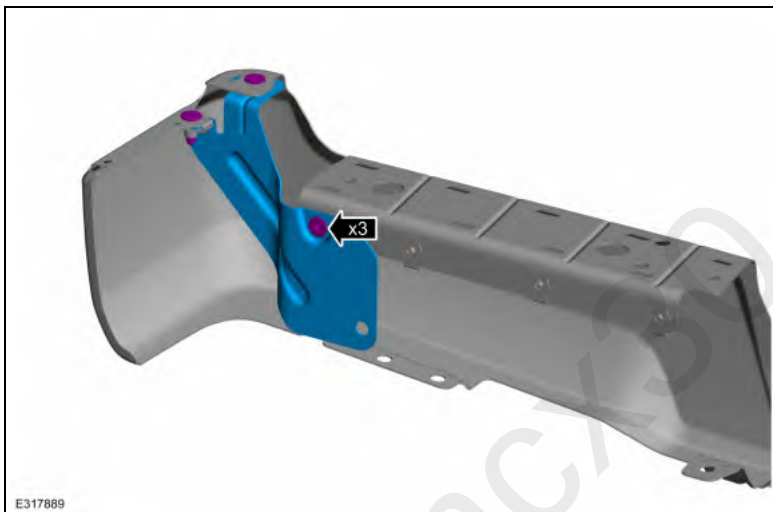
11. On both sides.
Release the tabs and remove the outer bumper arm assemblies.



12. On both outer bumper arms.
Remove the nuts, release the tab and remove the outer bumper arm cover.



13. On both outer bumper arms.
Remove the bolts and the outer bumper arm brace.
Torque: 18 lb.ft (25 Nm)



ASSEMBLY

1. To assemble, reverse the disassembly procedure.
2. Carry out the azimuth and elevation system checks.
3. If any sensor fails the check, diagnose the sensor fault.
Refer to: Parking Aid (413-13A Parking Aid, Diagnosis and Testing).