

Front Seat Track Motor

Base Part Number: Base Part Number: 14547

Special Tool(s) / General Equipment

Electric Drill

Removal

NOTE: Driver seat shown, passenger seat similar.

1. **NOTE:** Positioning the seat fully upward provides access to service the seat track motor with the seat in the vehicle.

Move the front seat to the full upward position.



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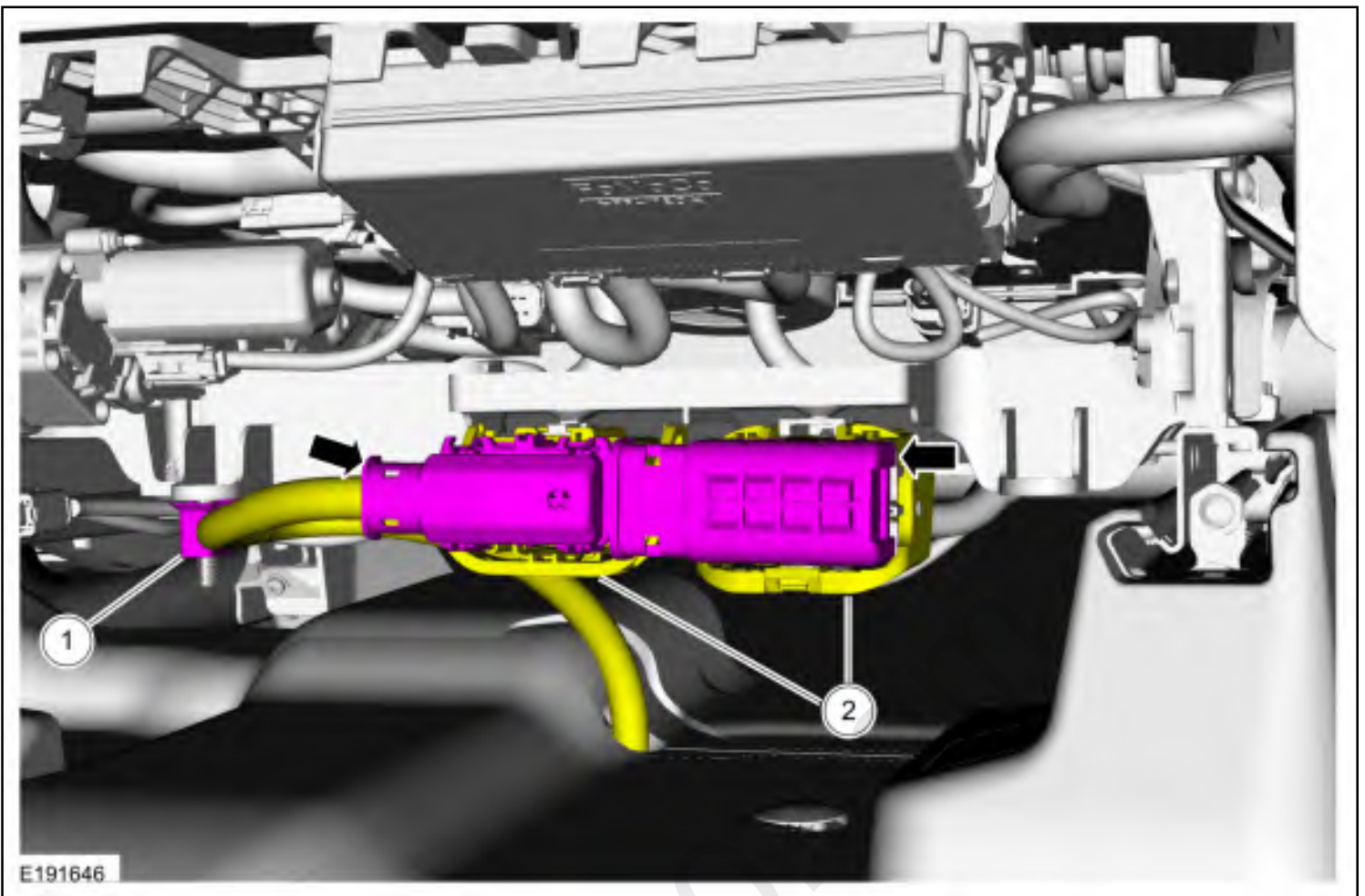


2. Depower the SRS.

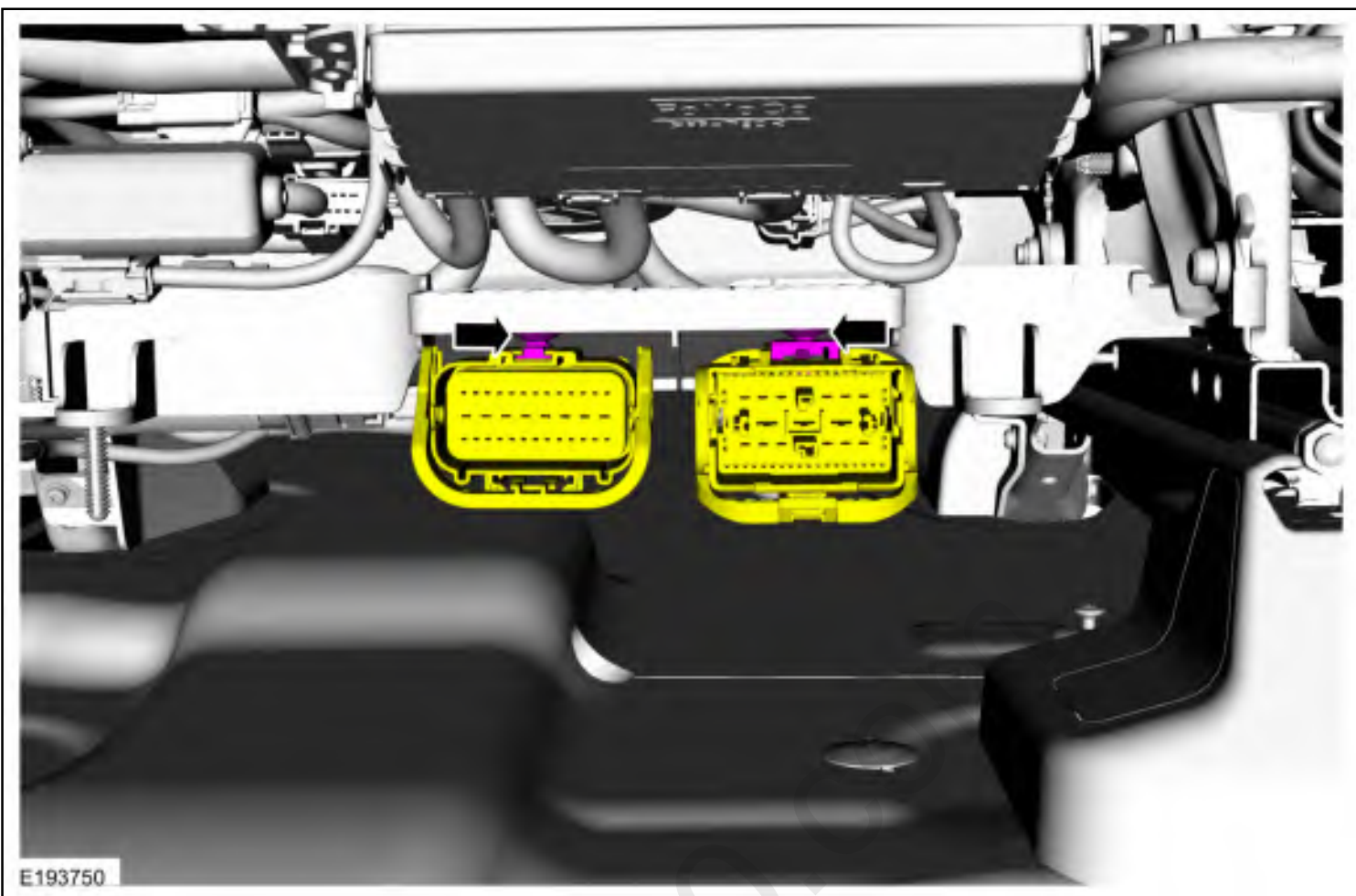
Refer to: [Supplemental Restraint System \(SRS\) Depowering](#) (501-20B Supplemental Restraint System, General Procedures).

3. Disconnect the seat harness electrical connector(s).

1. Detach the wire harness from the pin-type retainer.
2. Release the locking tab(s) and rotate the position assurance lever(s).

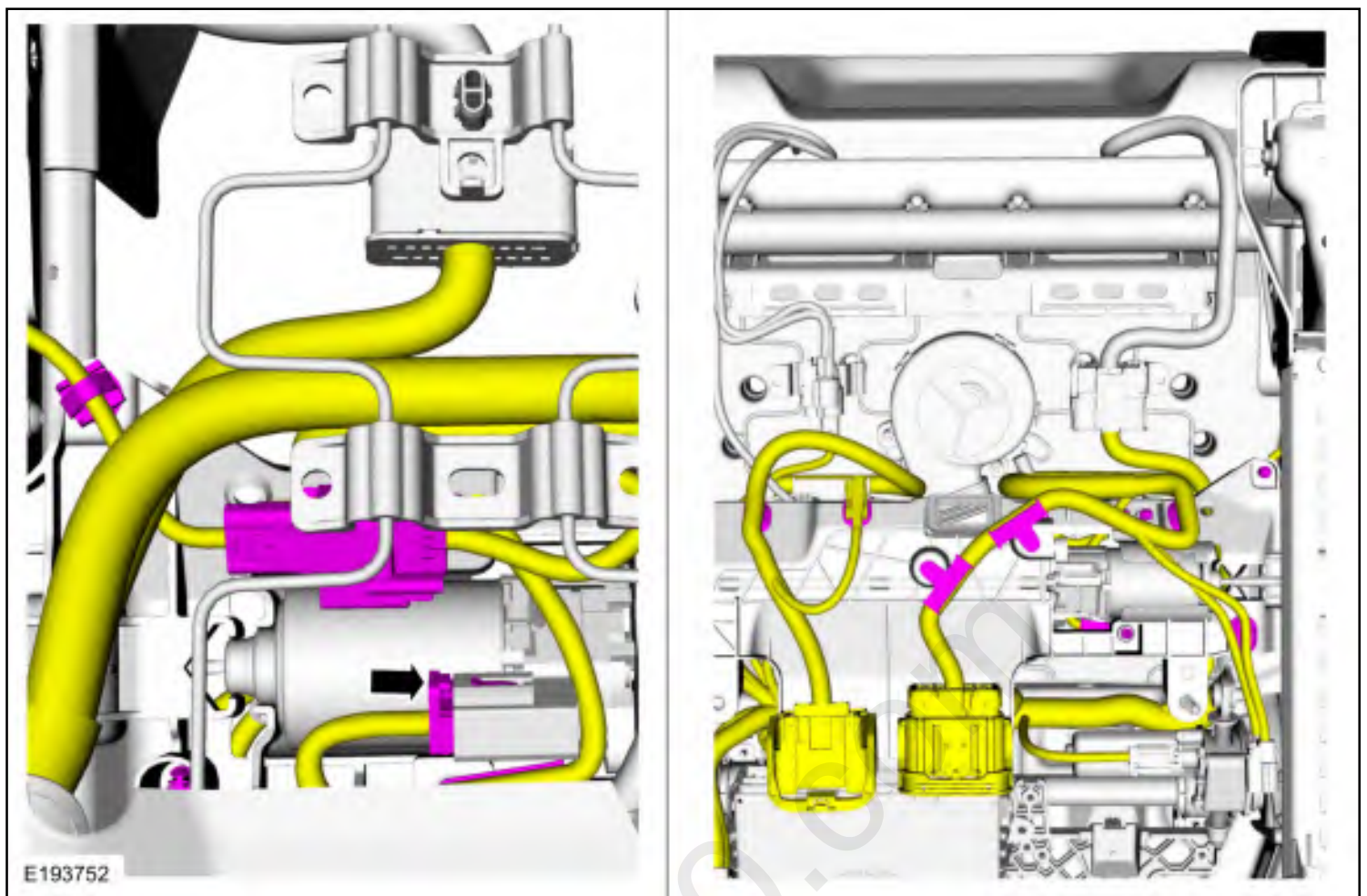


4. Detach the seat track wire harness connector retainer(s) from the seat track motor.



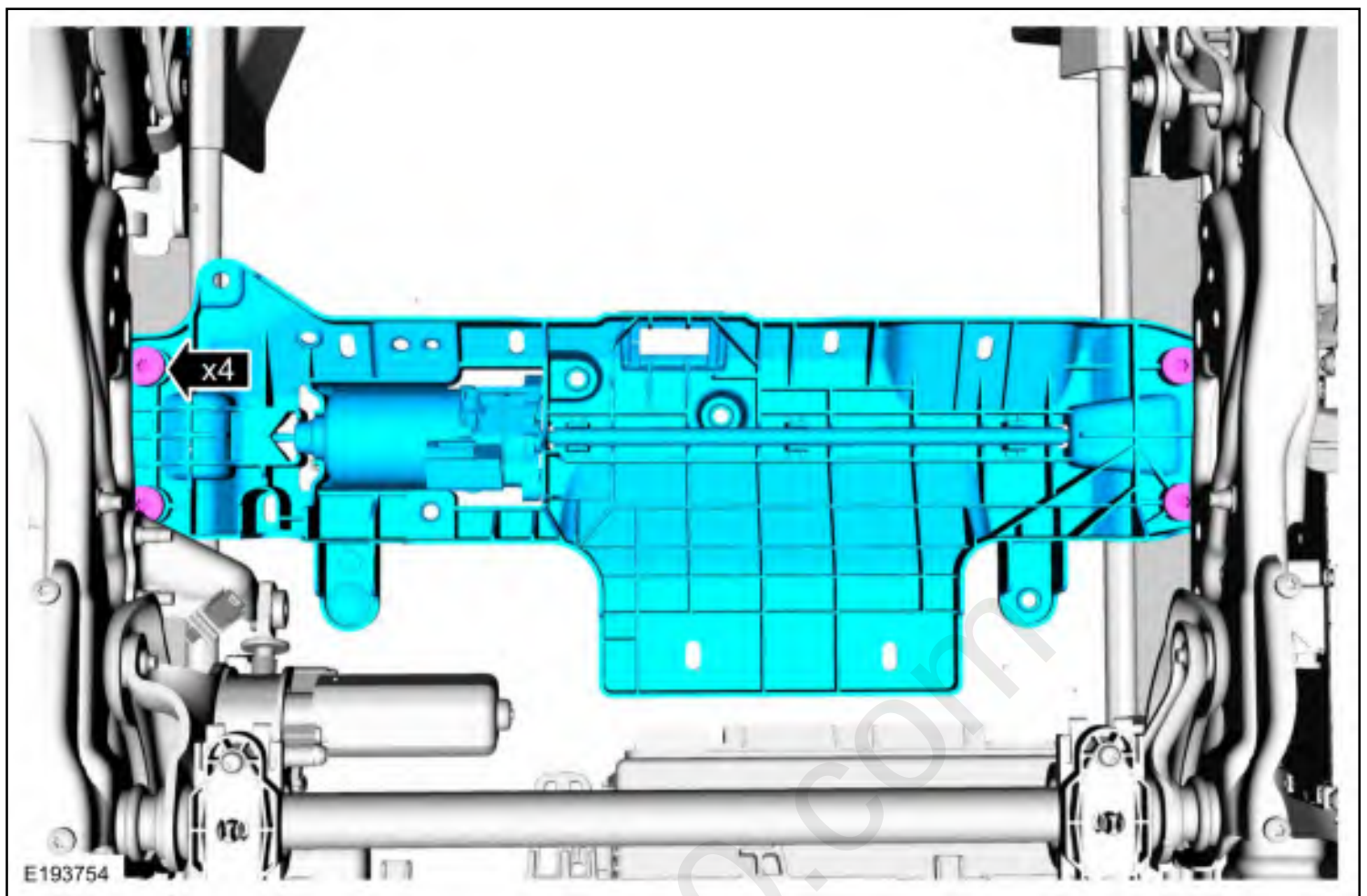
5. **NOTE:** *Seat track components are removed for clarity.*

Disconnect the seat track motor electrical connector, detach the wire harness retainers and position the wire harness aside.



6. **NOTE:** *Seat track components and wiring harnesses are removed for clarity.*

Remove the bolts and the seat track motor.



Installation

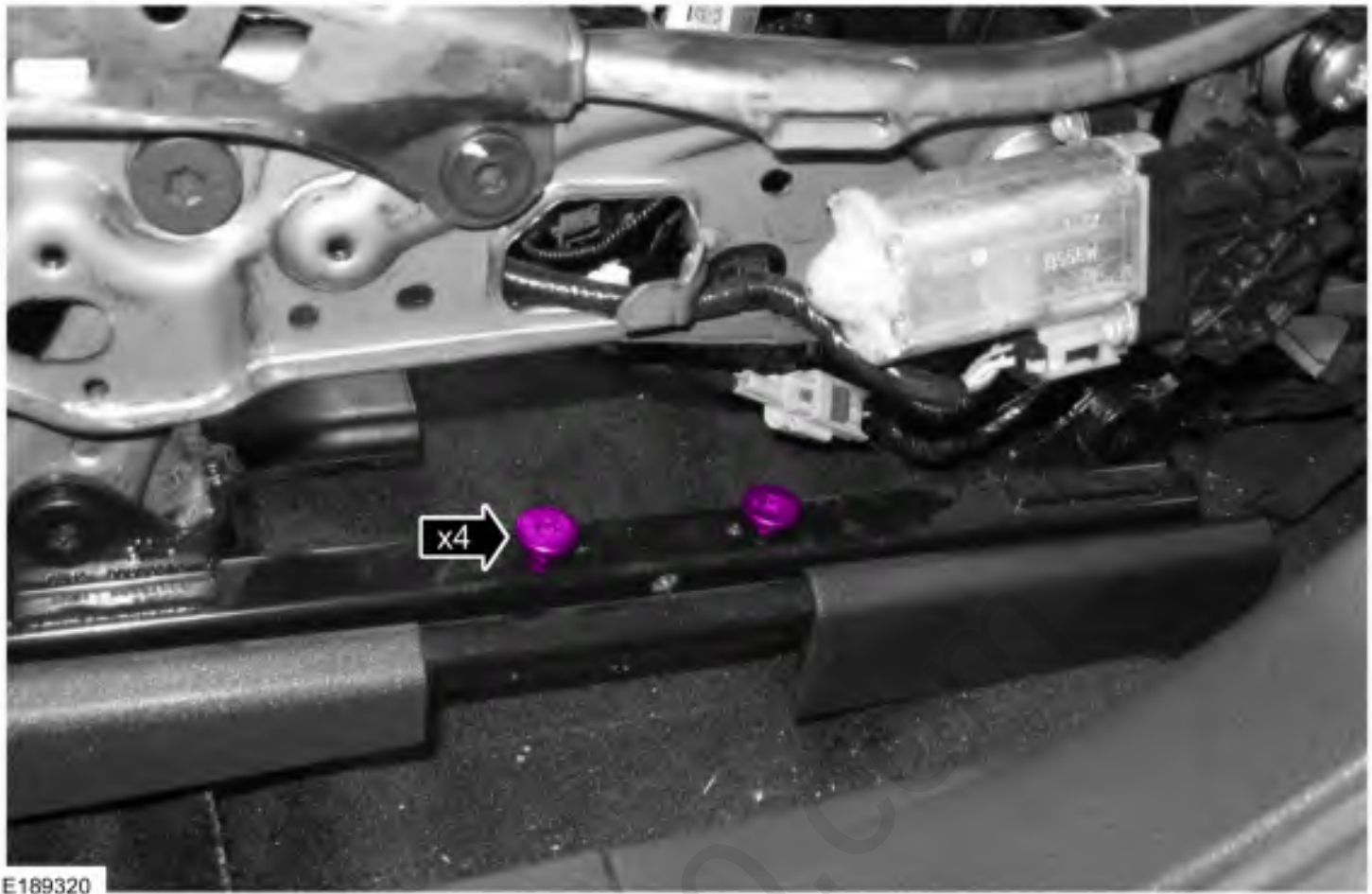
All seats

1. As necessary, transfer components to new seat track motor.
2. **NOTE:** *Typical seat track shown, other seat tracks similar.*

NOTE: *Use the bolts from the old seat track motor.*

NOTE: *Seat side shield removed for clarity.*

Install the seat track motor bolts.
Torque: 21 lb.ft (28 Nm)



3. **NOTICE:** When using a drill to move the seat track, do not move the seat track to its forward or rearward end of travel stops, otherwise a new seat track must be installed.

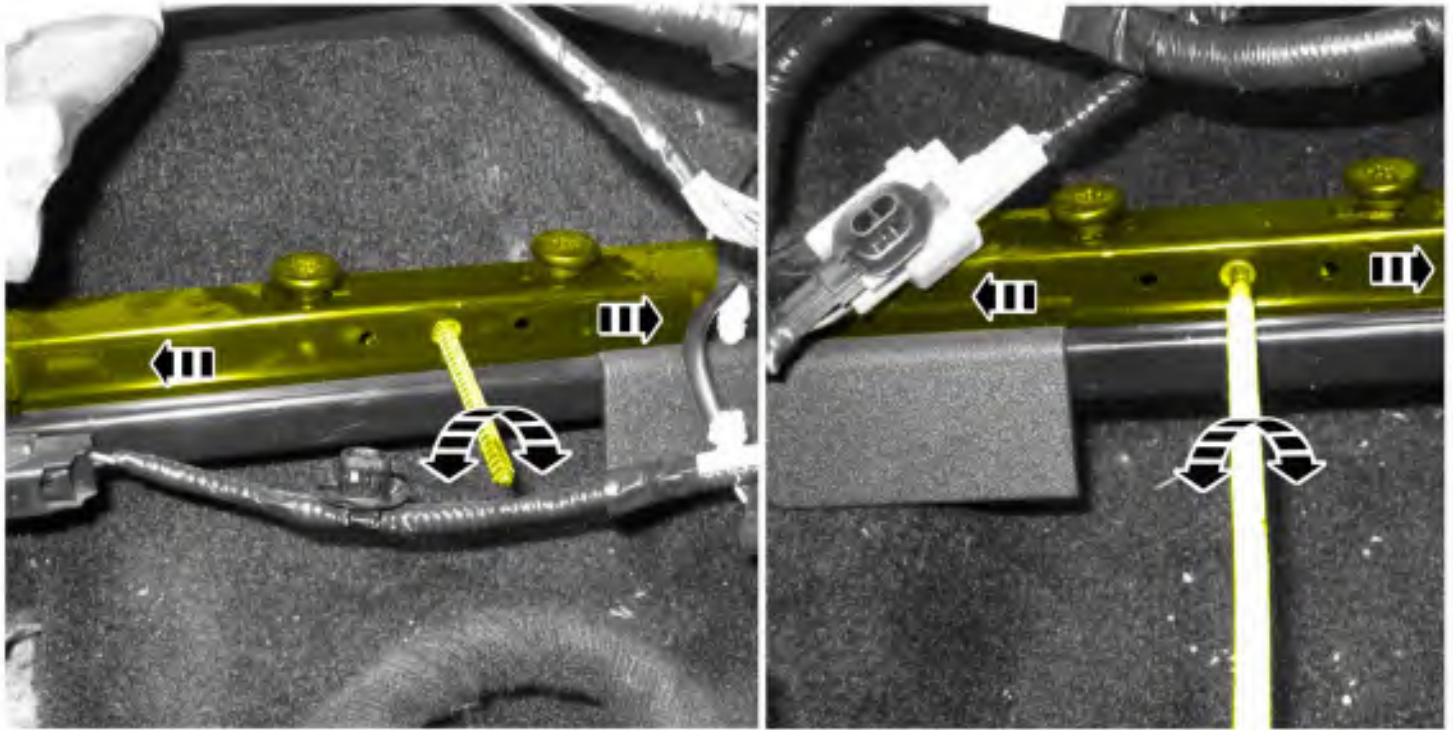
NOTE: Typical seat track shown, other seat tracks similar.

NOTE: Be sure to drive the seat track evenly or the track will bind during movement.

NOTE: Rotate the cables using 2 drills operating at similar speeds to most efficiently position the seat track.

Insert the original seat track motor drive cables and drive the gearbox and seat track uniformly until the front edge of the upper and lower seat tracks are flush.

Use the General Equipment: Electric Drill



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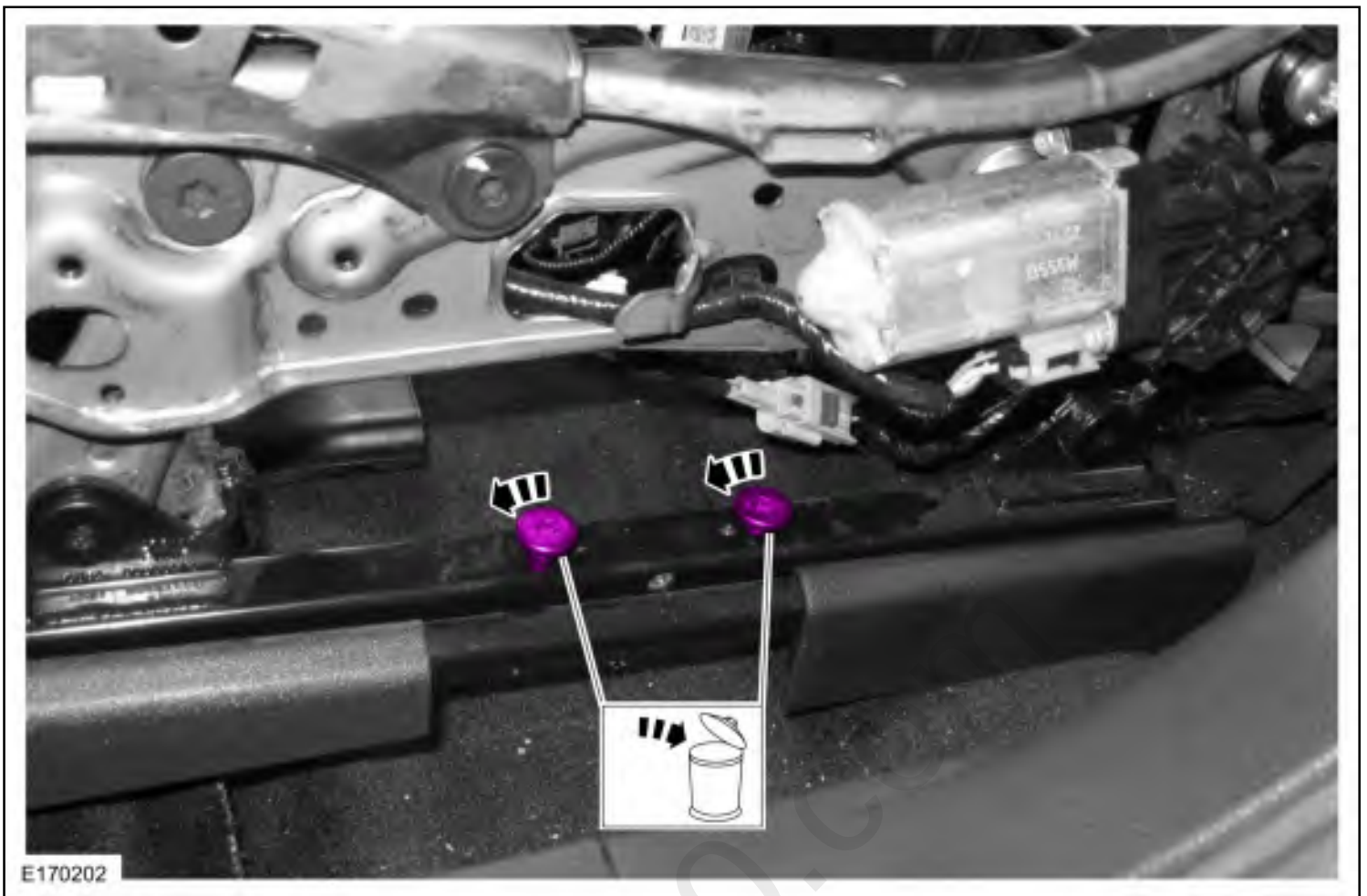
4. The front edges of the upper and lower seat track rails must align with each other **on both sides of the seat.**



5. **NOTE:** *Typical seat track shown, other seat tracks similar.*

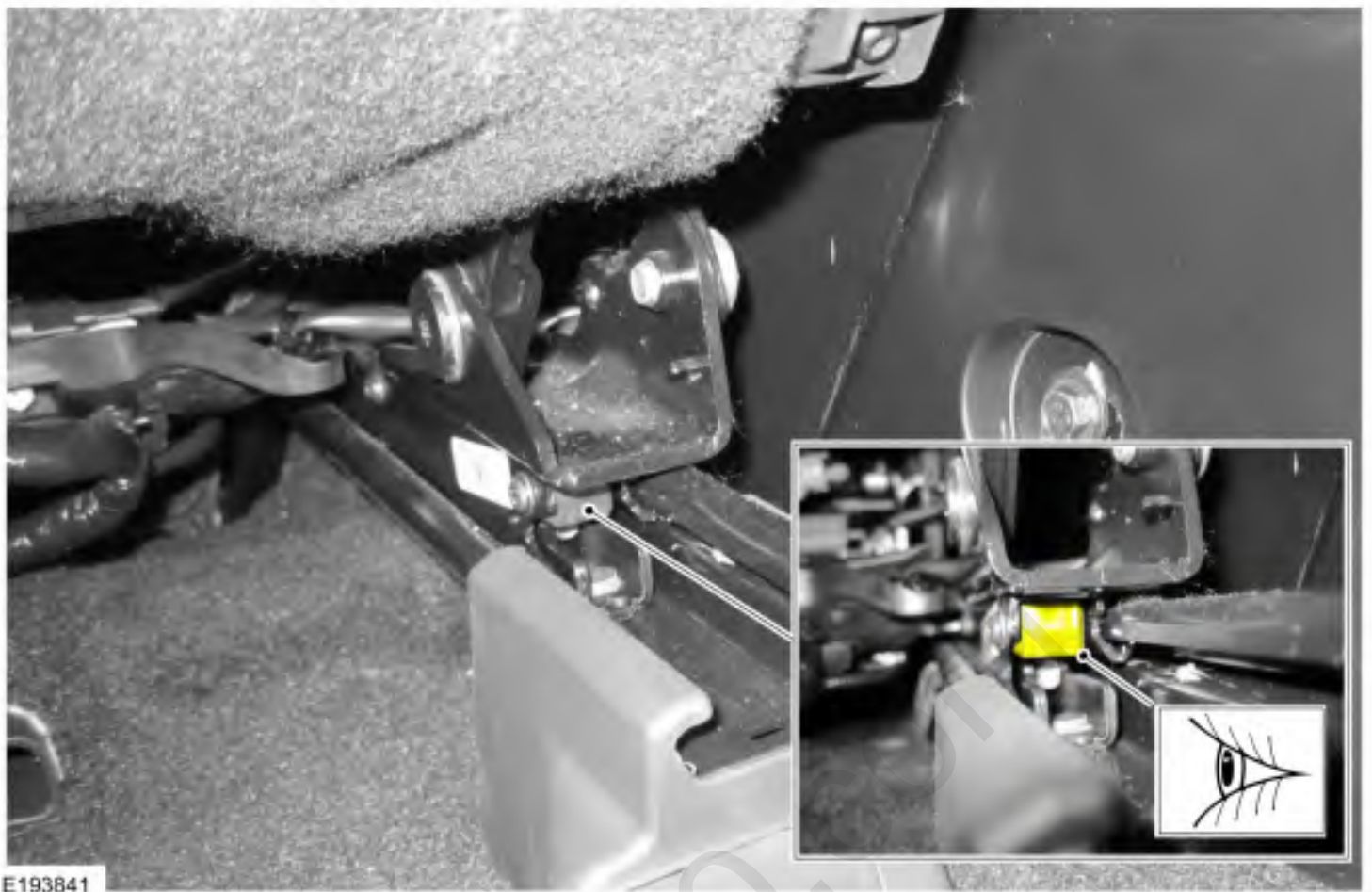
NOTE: *Seat side shield removed for clarity.*

On both sides, remove the seat track motor bolts.

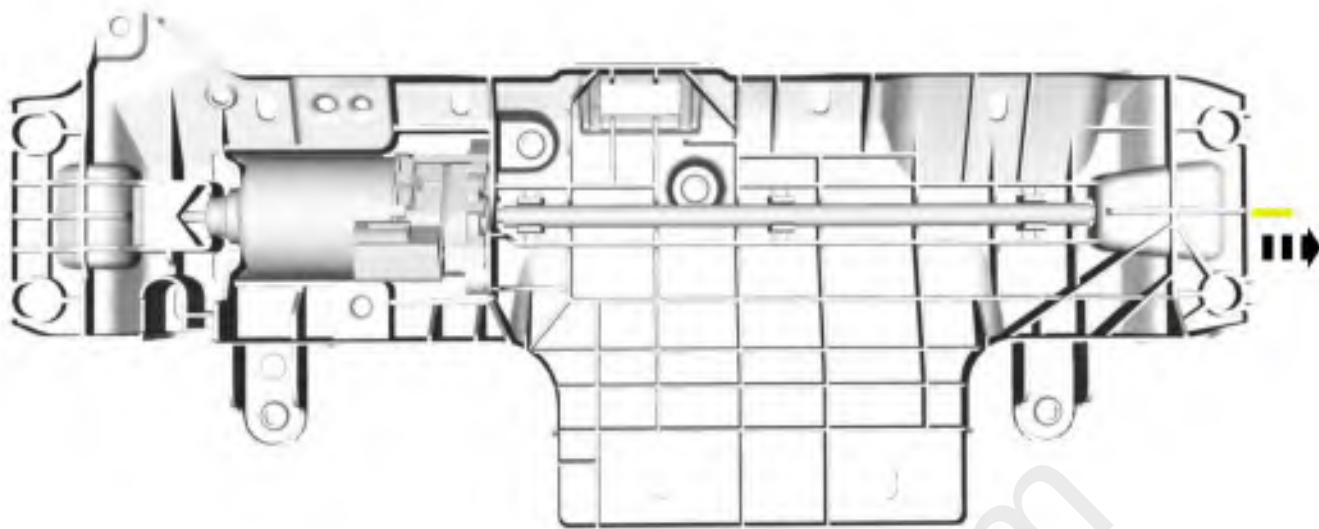


6. **NOTE:** *Install a new seat track if the block is not in place.*

Verify the block is in place at the rear of the inboard seat track rail.

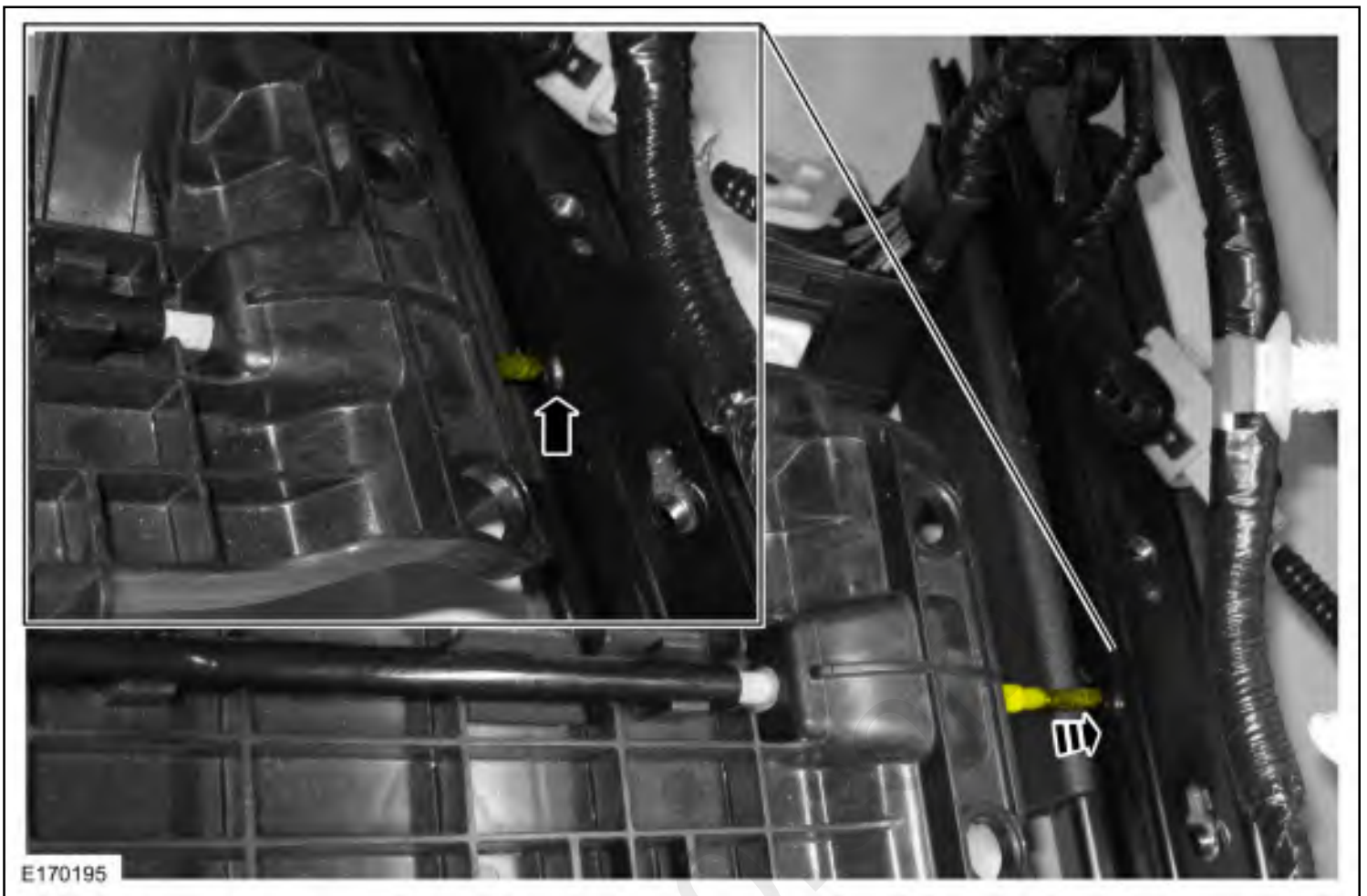


7. To aid installation, pull the long drive cable on the new motor assembly out of the sheathing.



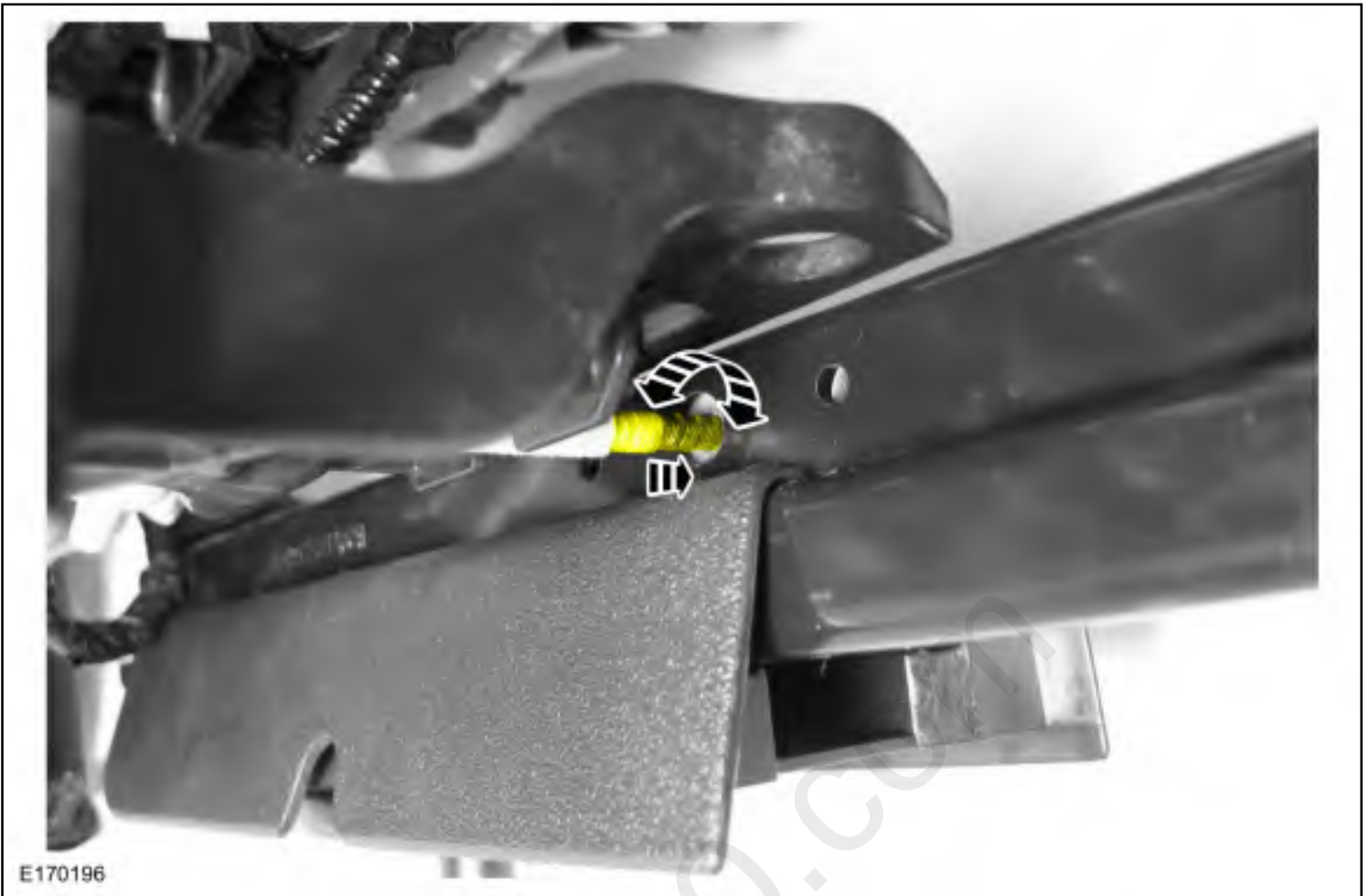
8. **NOTE:** *Typical seat track shown, other seat tracks similar.*

Insert the long drive cable into the seat track gearbox.



9. **NOTE:** *Typical seat track shown, other seat tracks similar.*

Rotate the long drive cable to verify engagement to seat track gearbox.

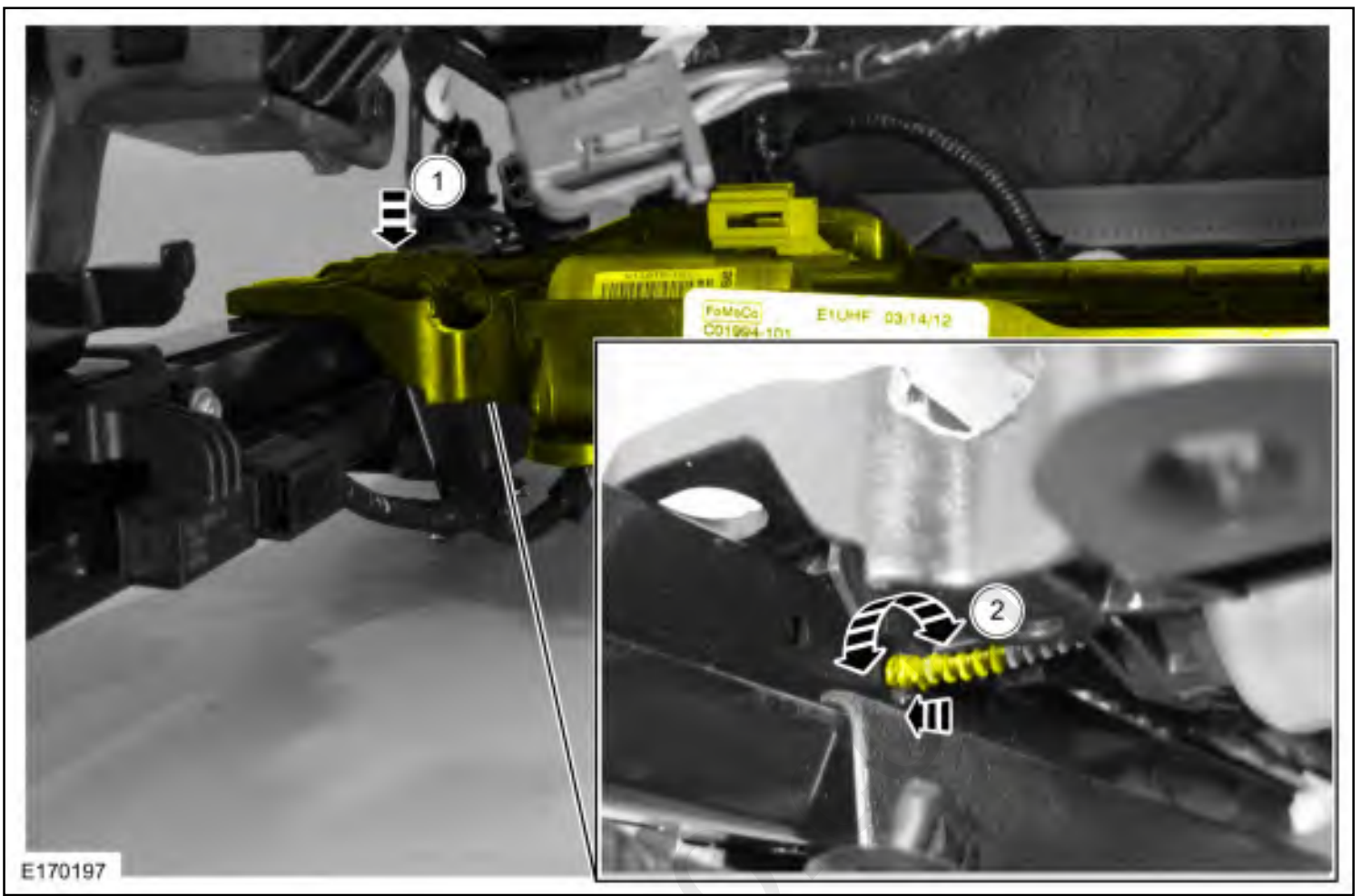


10. **NOTICE:** Do not severely bend the short drive cable during installation or damage to the cable will occur.

NOTE: *Typical seat track shown, other seat tracks similar.*

Insert the short drive cable into the seat track gearbox.

1. Position the seat track motor while inserting the short cable into the seat track gearbox.
2. Rotate the short drive cable to verify engagement to seat track gearbox.

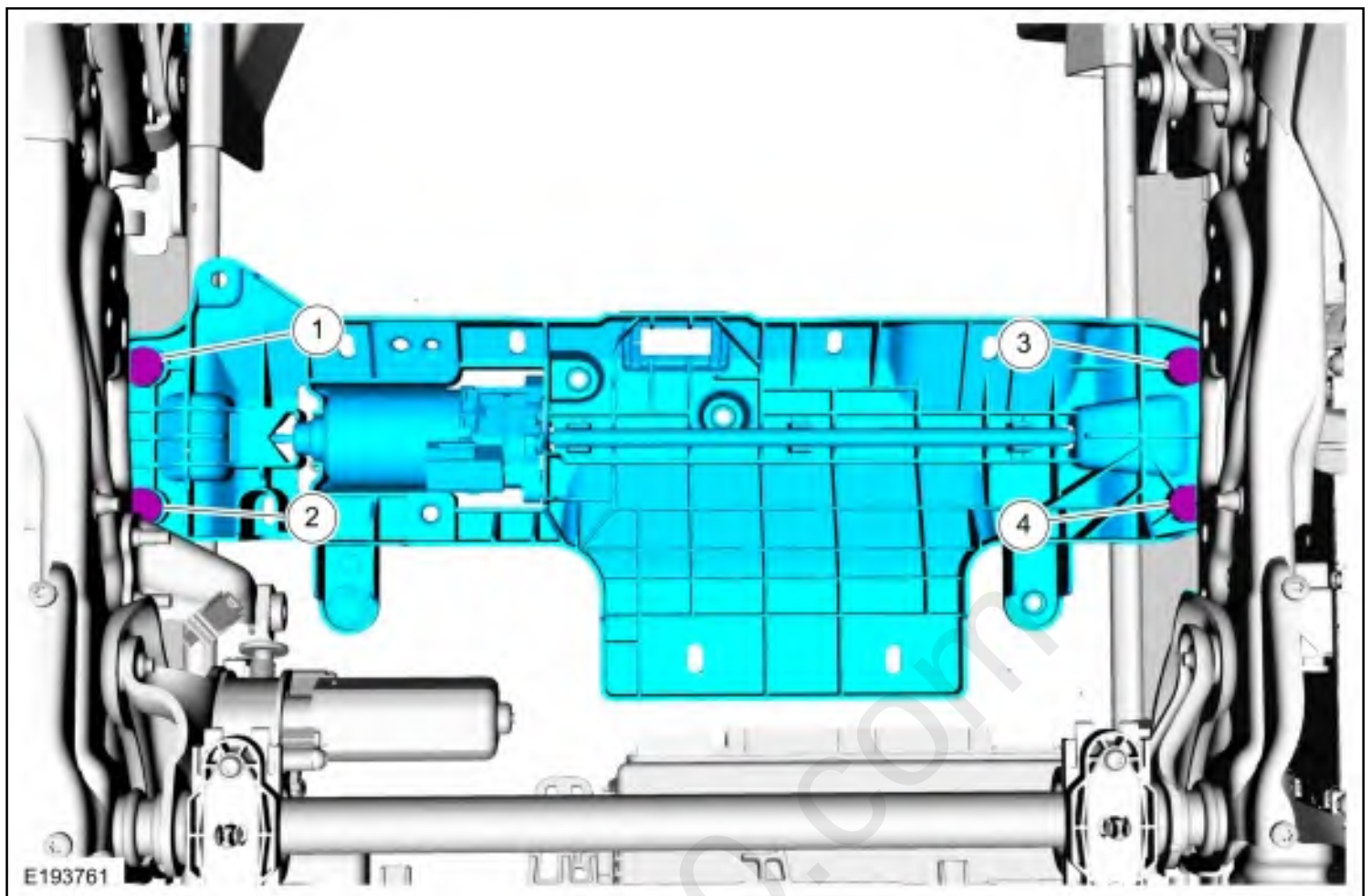


11. **NOTICE:** Do not cross-thread the bolts as they are load bearing. If the bolts are cross-threaded, a new seat track must be installed.

NOTE: *Seat track components and wiring harness are removed for clarity.*

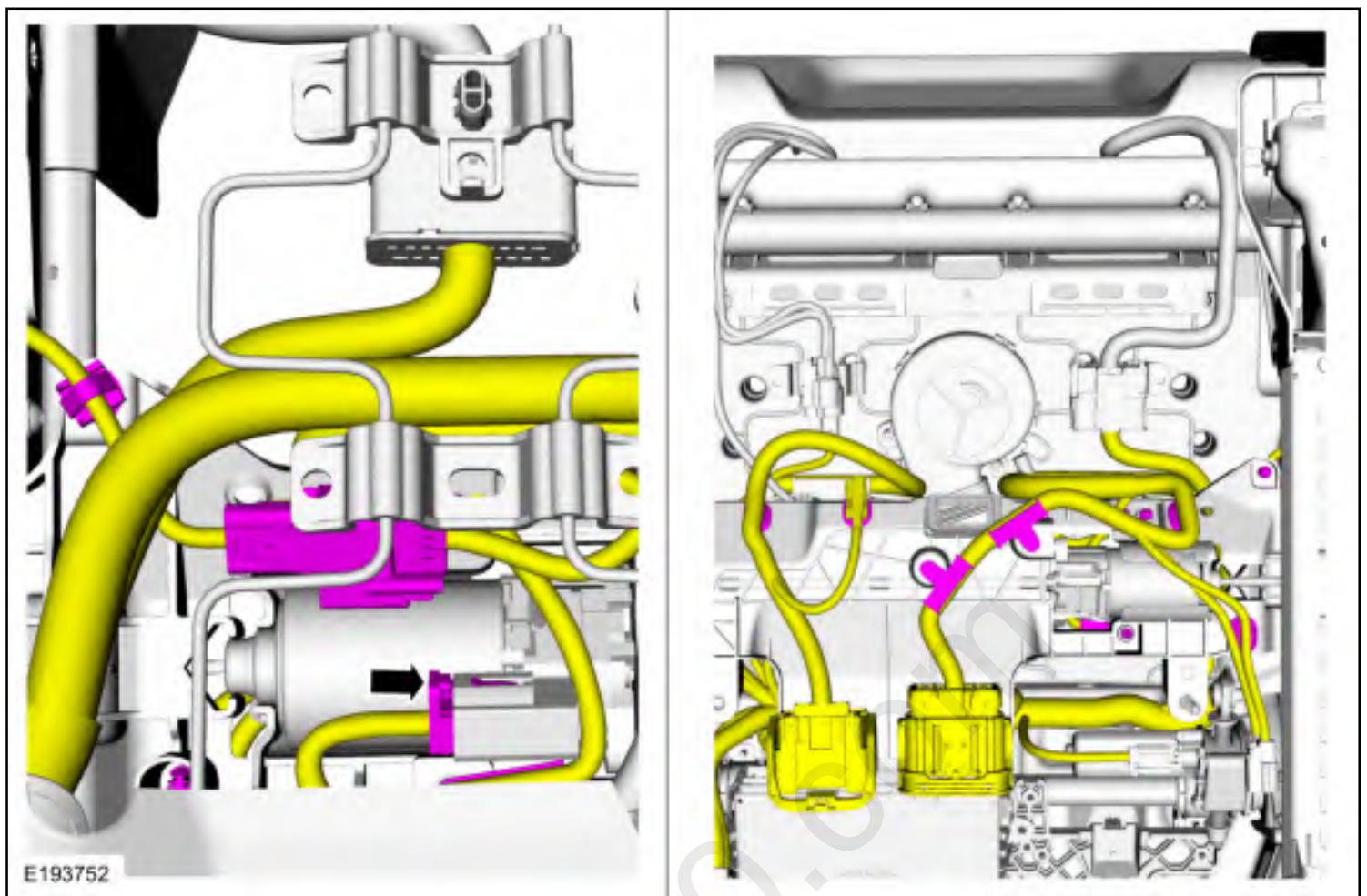
Install the seat track motor and install the new bolts in the sequence shown.

1. Install the rear inboard bolt.
Torque: 21 lb.ft (28 Nm)
2. Install the front inboard bolt.
Torque: 21 lb.ft (28 Nm)
3. Install the rear outboard bolt.
Torque: 21 lb.ft (28 Nm)
4. Install the front outboard bolt.
Torque: 21 lb.ft (28 Nm)

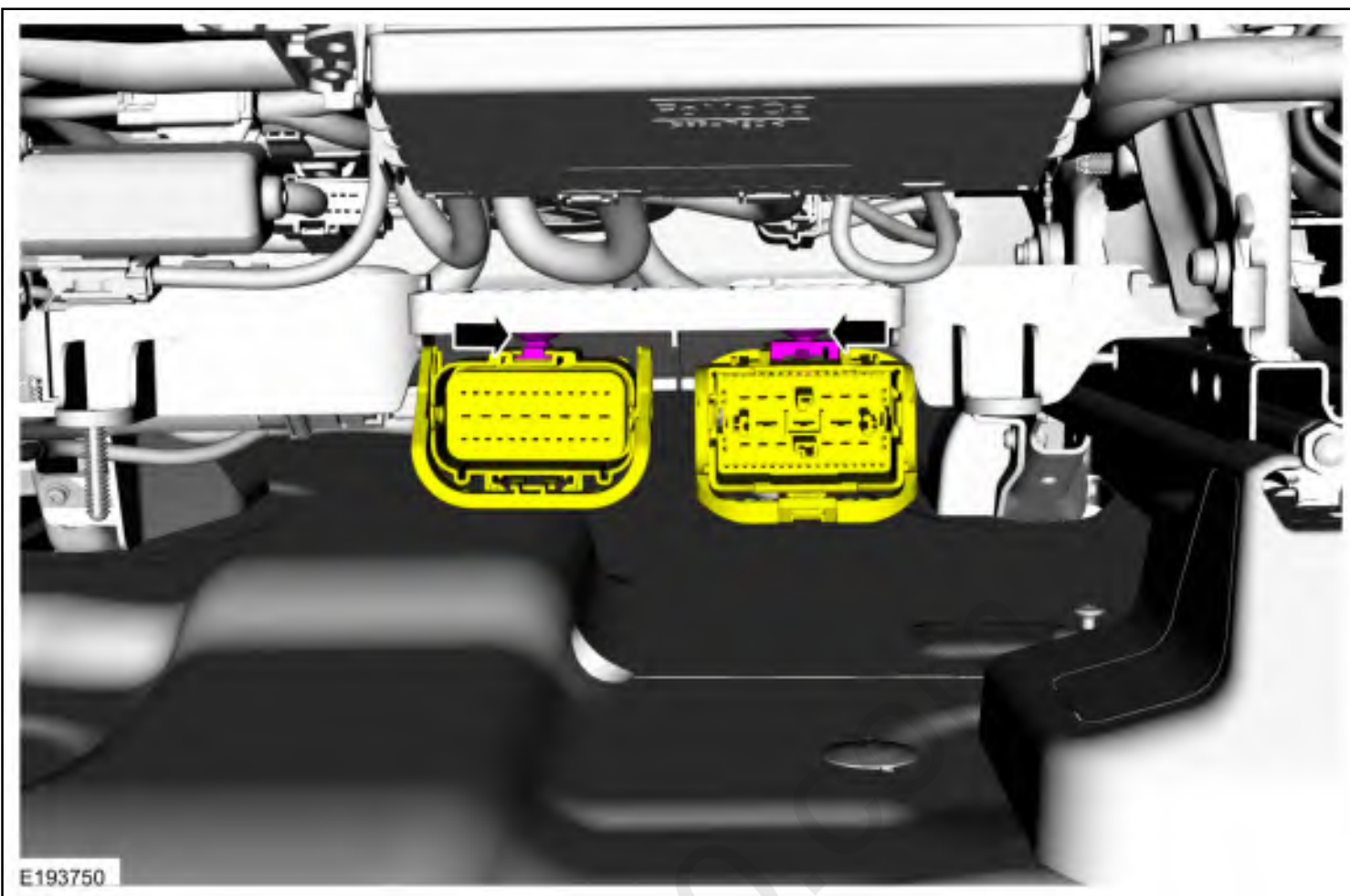


12. **NOTE:** *Seat track components are removed for clarity.*

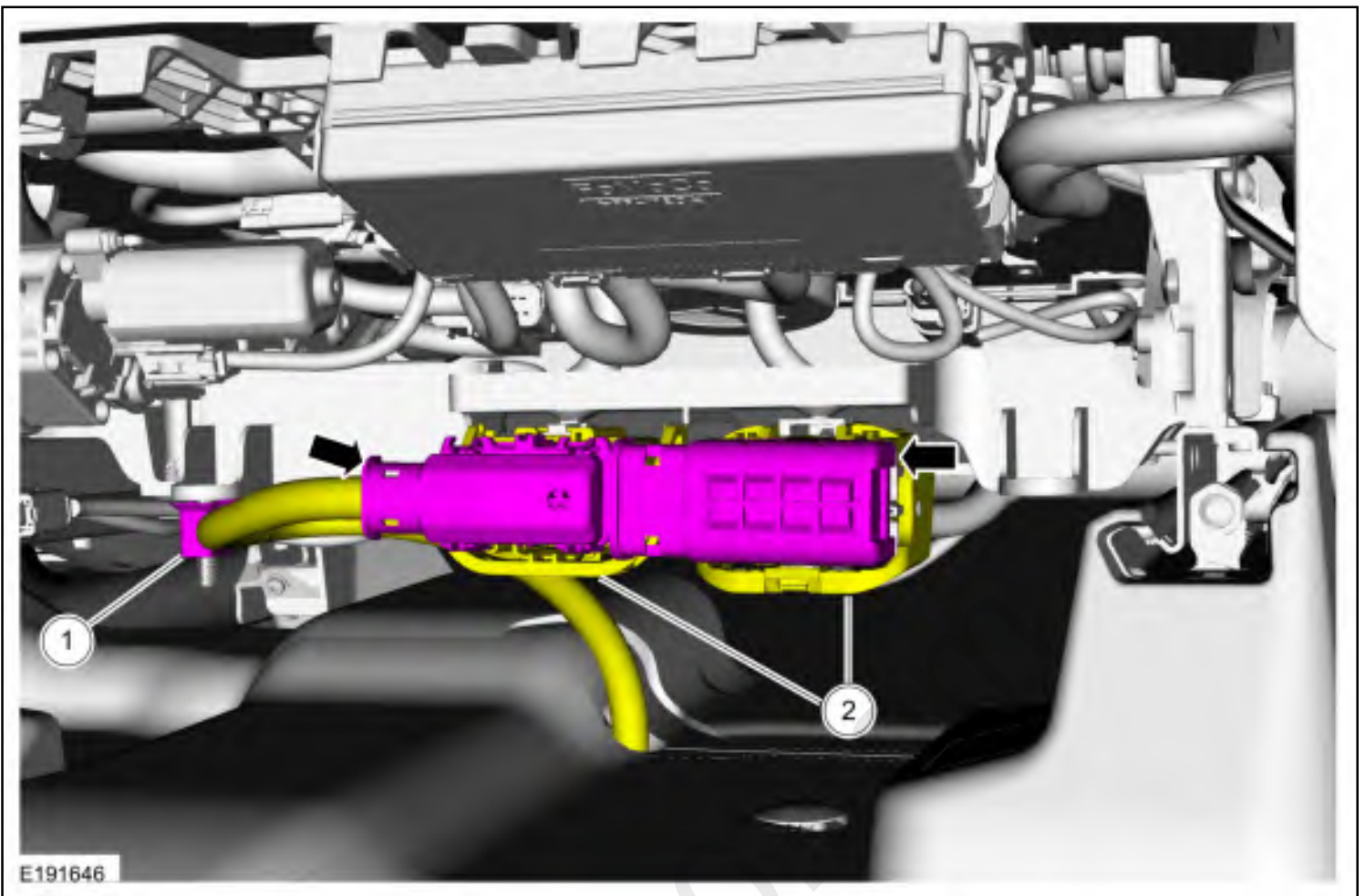
Connect the seat track motor electrical connector and engage the wire harness retainers.



13. Attach the seat track wire harness connector retainer(s) to the seat track motor.



14. Connect the seat harness electrical connector(s).
 1. Attach the wire harness to the pin-type retainer.
 2. Rotate the position assurance lever(s) to the locked position.



15. Repower the SRS.

Refer to: [Supplemental Restraint System \(SRS\) Repowering](#) (501-20B Supplemental Restraint System, General Procedures).

Driver seat with memory

16. Operate the seat track horizontal motor in all directions through the full range of travel to set soft stops and avoid a premature stopping point occurrence after the vehicle is returned to the customer.