


Steering Column - Steering Wheel

Removal and Installation

Special Tool(s)

	Clockspring locking tool
	211-326
E43628	

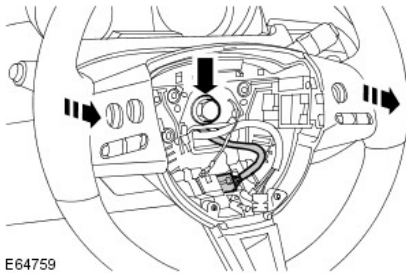
Removal

1. Make the SRS system safe.
For additional information, refer to: [Standard Workshop Practices](#) (100-00 General Information, Description and Operation).
2. Disconnect the battery ground cable.
For additional information, refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).
3. Remove the driver air bag module.
For additional information, refer to: [Driver Air Bag Module](#) (501-20B Supplemental Restraint System, Removal and Installation).

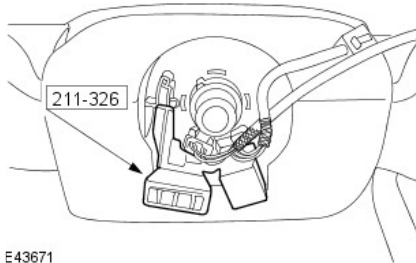
4. **NOTE:** Note the fitted position.

Remove the steering wheel.

- Disconnect the electrical connector.
- Loosen, but do not fully remove the bolt.
- Release the steering wheel from the spline.
- Remove the bolt.
- Release the electrical harness.



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5. **CAUTIONS:**



Failing to install the clockspring special tool, may result in damage to vehicle.



Do not dismantle the clockspring, it has no serviceable parts and must be replaced as a complete assembly.



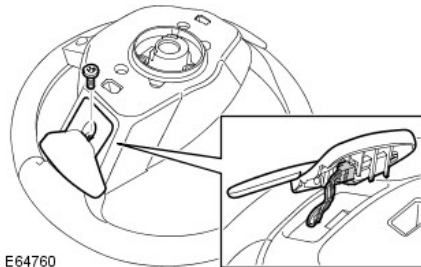
Do not allow the clockspring to unwind.

Install the special tool to the clockspring.

6. **NOTE:** Do not disassemble further if the component is removed for access only.

Remove the upshift and downshift paddle switches.

- Remove the Torx bolt.
- Release the assembly.
- Disconnect the electrical connector.
- Repeat the procedure and remove the opposite hand.

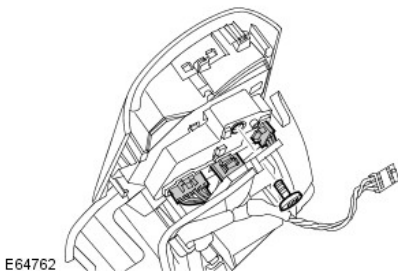


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7. **NOTE:** The steering wheel is shown removed for clarity.

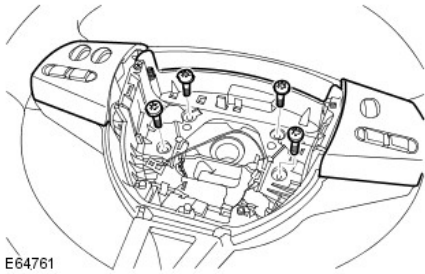
Release the steering wheel switch assembly.

- Remove the Torx bolt.
- Repeat the procedure and remove the opposite hand.



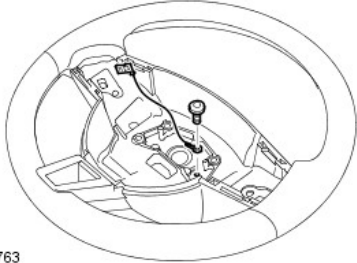
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8. Remove the air bag housing.
 - Remove the 4 Torx bolts.
 - Release the electrical harness.



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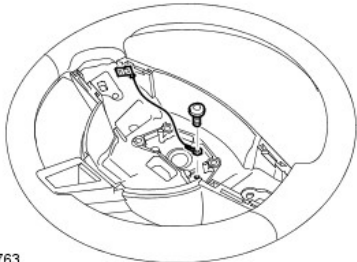
9. Remove the air bag ground cable.
 - Remove the Torx screw.



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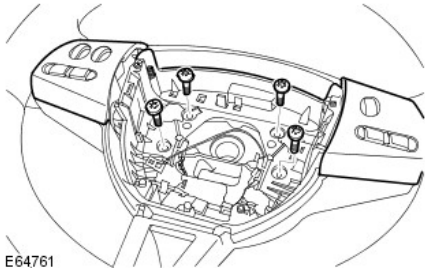
Installation

1. Install the air bag ground cable.
 - Install the Torx screw.



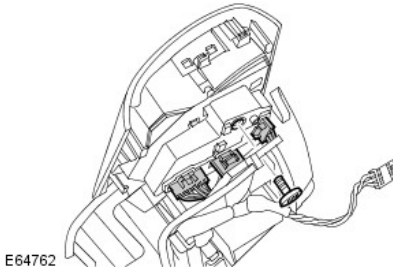
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2. Install the air bag housing.
 - Secure the electrical harness.
 - Tighten to 6 Nm.



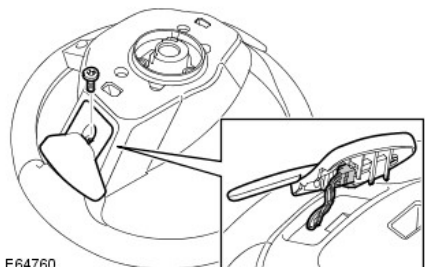
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3. Secure the steering wheel switch assembly.
 - Connect and secure the electrical connectors.
 - Tighten to 3 Nm.
 - Repeat the above procedure on the opposite hand.

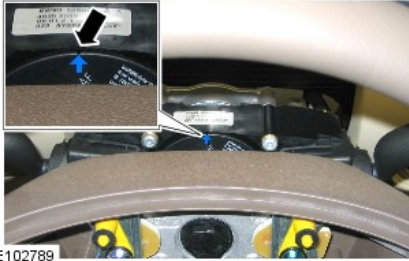


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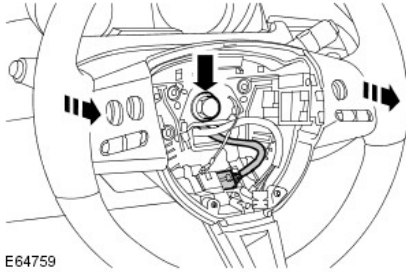
4. Install the upshift and downshift paddle switches.
 - Connect and secure the electrical connector.
 - Tighten to 3 Nm.
 - Repeat the above procedure on the opposite hand.




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5.  **CAUTION:** Make sure that the arrow on the cassette is centered and pointing vertically prior to the steering wheel installation. On removal of the special tool keep the clockspring cables taut to prevent the cassette moving from the set position. Do not allow the clockspring to unwind. Failure to follow this instruction may result in damage to the component.

Remove the special tool.

6.  **CAUTION:** Check the alignment arrow is still in the vertical position with the wheels straight ahead to make sure that the directional indicator cancellation is central.

Install the steering wheel.

- Check the clockspring is aligned.
- Position the electrical harness.
- Connect the electrical connector.
- Tighten to 40 Nm.

7. Install the driver air bag module.
For additional information, refer to: [Driver Air Bag Module](#) (501-20B Supplemental Restraint System, Removal and Installation).
8. Connect the battery ground cable.
For additional information, refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).