


## Upper Arm (60.35.01)

### Special Service Tools



Ball joint separator  
205-754 (LRT-54-027)

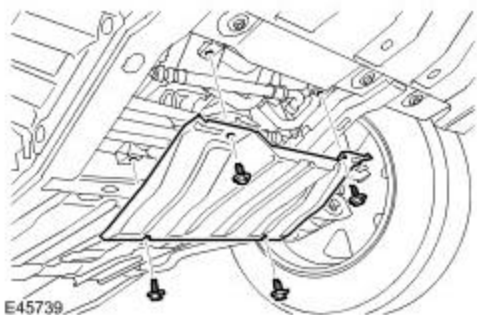
### Removal

1.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

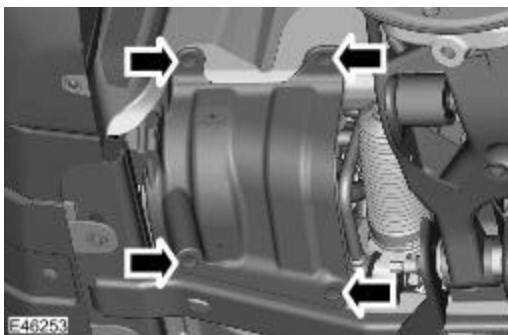
2. Remove the wheel and tire.
3. Remove the radiator access panel.

▶ Remove the 4 bolts.



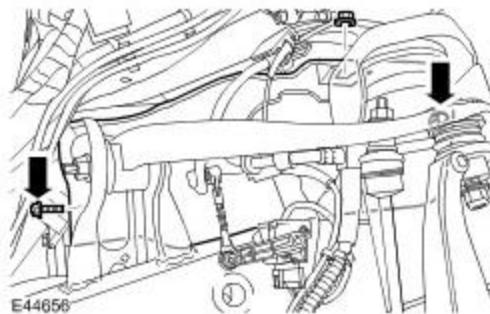
4. Remove the fender splash shield lower trim.

▶ Remove the four clips.

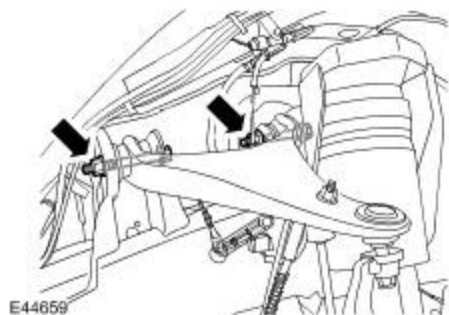


5. Release the heat shield for access to the upper arm bolts.

- ▶ Remove the nut.
- ▶ Remove the forward bolt and loosen the rearward bolt.



6. Loosen the upper arm bolts.




7.  **CAUTION: Do not use excessive force to disconnect the height sensor link.**

Disconnect the height sensor link arm.

8.  **CAUTION: Use a wrench on the hexagon provided to prevent the ball joint rotating.**

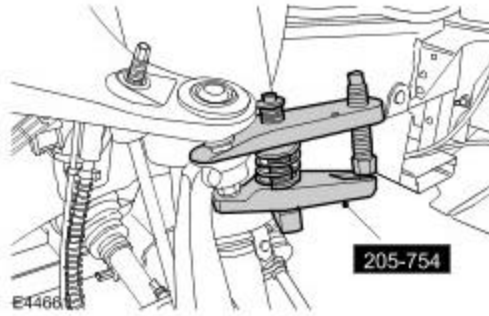
Remove the stabilizer bar link nut.

9.  **CAUTION: To prevent the wheel knuckle falling outwards and disconnection of the halfshaft inner joint, support the wheel knuckle.**

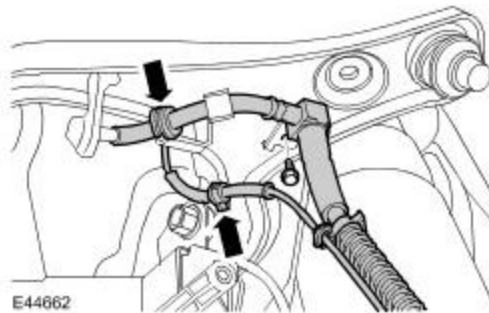
Loosen the upper arm retaining nut.



10. Using the special tool, release the upper arm ball joint.
  - ▶ Remove and discard the retaining nut.



11. Release the brake hose from the upper arm.

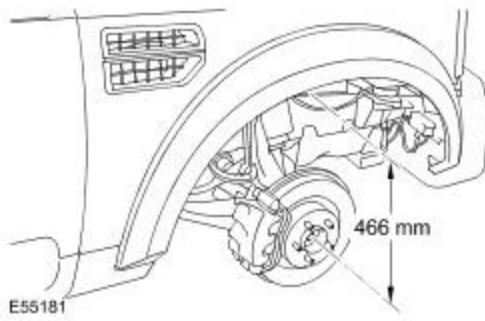


12. Release the wheel speed sensor lead from the upper arm.
13. Remove the upper arm.

## Installation

1. Install the upper arm.
  - ▶ Fit the bolts but do not fully tighten at this stage.
2. Secure the brake hose to the upper arm.
  - ▶ Tighten the bolt to 23 Nm (17 lb.ft).
3. Secure the wheel speed sensor lead to the upper arm.
4. Connect the upper arm and wheel knuckle.
  - ▶ Install a new nut and tighten to 70 Nm (52 lb.ft).
5. Secure the stabilizer bar link.
  - ▶ Tighten the nut to 115 Nm (85 lb.ft).
6. Connect the height sensor link arm.

7. Set the height distance between the centre of the halfshaft end and the edge of the fender trim to 466 mm (18.34").



8. Tighten the 2 upper arm nuts and bolts to 175 Nm (129 lb.ft).
9. Secure the heat shield.
10. Install the fender splash shield lower trim.
11. Install the radiator access panel.
12. Install the wheel and tire.
  - ▶ Tighten the wheel nuts to 140 Nm (103 lb.ft).