

Upper Arm (64.35.60)

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.



CAUTION: Always plug any open connections to prevent contamination.

Remove the brake tube.

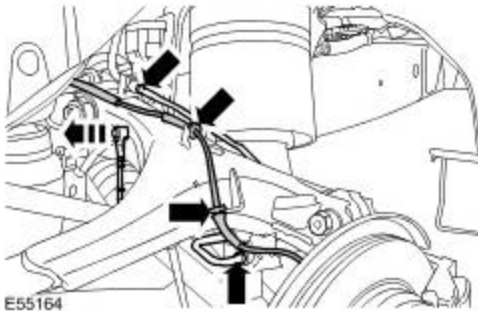
- ▶ Disconnect the 2 brake tube unions.
- ▶ Remove the brake hose clips and release the hoses.
- ▶ Release the brake tube from the clip.

4.

Disconnect the height sensor link arm.

5.

Release the wheel speed sensor lead.



6.

RH side only: Release the brake pad wear indicator sensor lead.

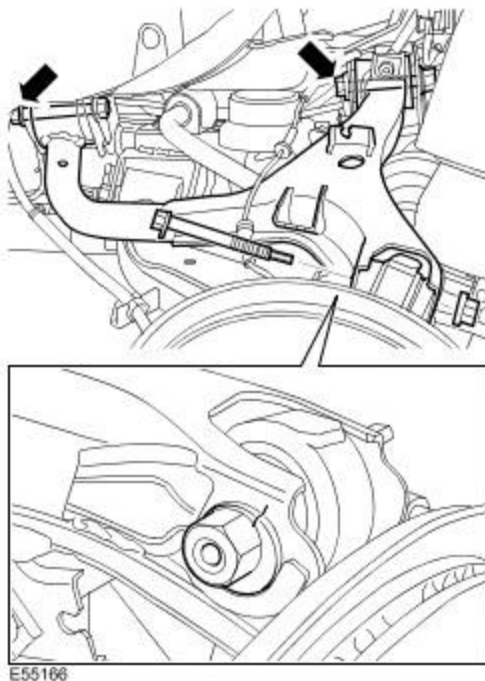


7.

Remove the upper arm.

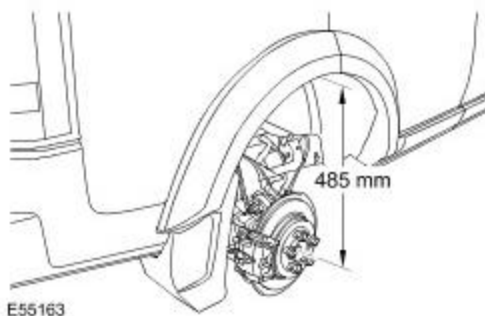
- ▶ Loosen the upper arm bolts.

- ▶ Mark the position of the bolt in relation to the upper arm.
- ▶ Remove the nut and bolt, then release the upper arm from the wheel knuckle.
- ▶ Remove the upper arm bolts.



Installation

1. Install the upper arm.
 - ▶ Fit the bolts but do not fully tighten at this stage.
2. Set the height between the center of the halfshaft end and the edge of the fender trim to 485 mm (19.10").
 - ▶ Support with an axle stand.



3.  **CAUTION:** Ensure the ball joint seal is not damaged. A damaged seal will lead to the premature failure of the joint.

Connect the upper arm and wheel knuckle.

- ▶ Align the bolt to the marks made previously.
 - ▶ Tighten the bolt to 175 Nm (129 lb.ft).
- 4 . Tighten the upper arm front bolt to 175 Nm (129 lb.ft).
 - 5 . Tighten the upper arm rear bolt to 275 Nm (203 lb.ft).
 - 6 . Secure the wheel speed sensor lead.
 - 7 . Secure the brake pad wear indicator sensor lead.
 - 8 . Connect the height sensor link arm.
 - 9 . Install the brake tube.
 - ▶ Tighten the brake tube unions to 18 Nm (13 lb.ft).
 - 10 . Bleed the brake system. For additional information, refer to [Brake System Bleeding \(70.25.02\)](#) (Section 206-00)
 - 11 . Install the wheel and tire.
 - ▶ Tighten the wheel nuts to 140 Nm (103 lb.ft).
 - 12 . Carry out the wheel alignment procedure.