

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.

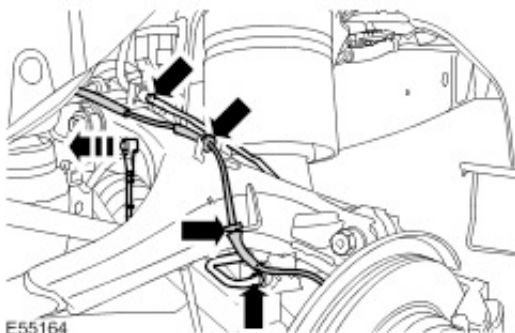
3.  **CAUTION: Always plug any open connections to prevent contamination.**

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.


5. Release the wheel speed sensor lead.



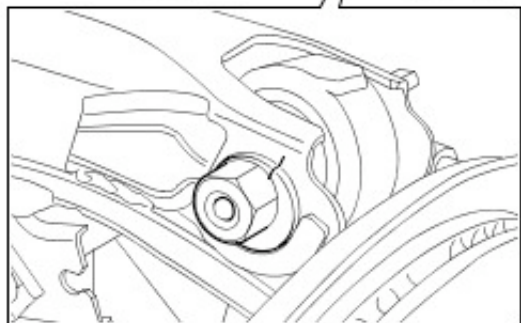
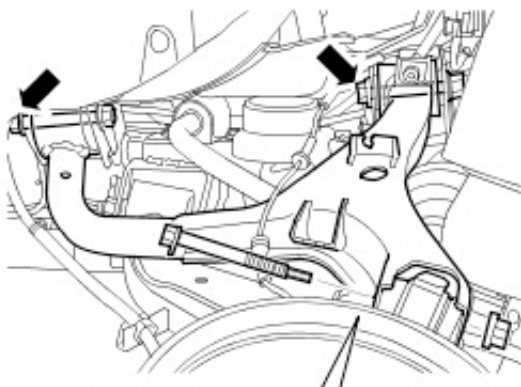
6. RH side only: Release the brake pad wear indicator sensor lead.



7. Remove the upper arm.

-  Loosen the upper arm bolts.

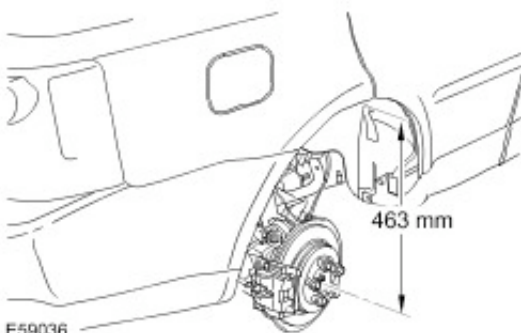
- ▶ Mark the position of the bolt in relation to the upper arm.
- ▶ Remove the nut and bolt, then release the upper arm from the wheel knuckle.
- ▶ Remove the upper arm bolts.




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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 463 mm (18.23").
 - ▶ Support with an axle stand.




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- 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 133 Nm (98 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.


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 - Vehicles With: Standard Brakes \(70.25.02\)](#)

11 . Install the wheel and tire.

 Tighten the wheel nuts to 140 Nm (103 lb.ft).

12 . Carry out the wheel alignment procedure.