

Lower Arm (64.35.54)

Removal

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

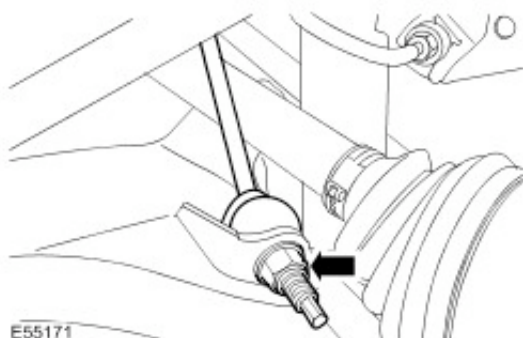
Raise and support the vehicle.


- 2 . Remove the wheel and tire.

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

Release the stabilizer bar link.

-  Remove and discard the retaining nut.




- 4 . Loosen the 2 lower arm bolts.
- 5 . Disconnect the shock absorber and spring assembly from the lower arm.
 -  Remove the nut and bolt.

- 6 . Release the parking brake cable.

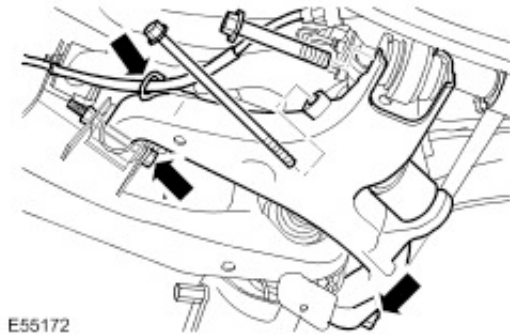
- 7 . Remove the 2 lower arm bolts.

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

Release the knuckle from the lower arm.


-  Remove the bolt.

- 9 . Remove the lower arm.



Installation

- 1 . Install the lower arm.


 Fit the bolts but do not fully tighten at this stage.

- 2




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

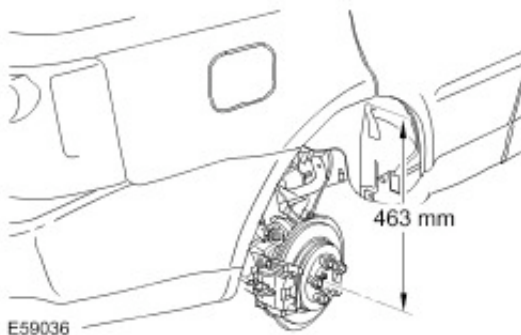
Connect the lower arm to the wheel knuckle.

 Tighten the bolt to 175 Nm (129 lb.ft).

- 3 . Connect the shock absorber and spring assembly to the lower arm.

 Tighten the nut and bolt to 300 Nm (221 lb.ft).


- 4 . Set the height, between the center of the halfshaft end and the edge of the fender trim, to 463 mm (18.23").



- 5 . Tighten the lower arm bolts to 275 Nm (203 lb.ft).

- 6 . Secure the parking brake cable.

- 7 . Connect the stabilizer link.

 Install a new nut and tighten to 115 Nm (85 lb.ft).

- 8 . Install the wheel and tire.

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

- 9 . Carry out the wheel alignment procedure.

