



Published : Jul 19, 2004


Tie Rod End (57.55.07)

Special Service Tools




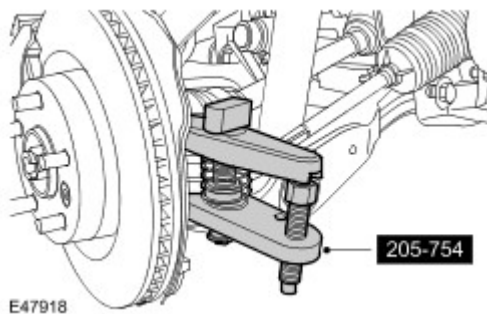
Ball joint separator
205-754 (LRT-54-027)

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 front wheel.
3. Loosen the tie-rod end ball joint retaining nut.
4. Loosen the tie-rod end lock nut.
5. Using the special tool, release the tie-rod end ball joint from the wheel knuckle.
 Remove and discard the tie rod end retaining nut.




6. Remove the tie-rod end, note the number of turns for installation.



E55671

Installation

1. Install the tie rod end, note the number of turns until adjacent to the locknut.
2.  **CAUTION: To prevent damage to the tie rods, use an additional wrench when loosening or tightening the components.**
 - Connect the tie-rod end ball joint.
 - ▶ Clean the component mating faces.
 - ▶ Install a new nut and tighten to 70 Nm (52 lb.ft).
3. Tighten the tie-rod locking nut.
 - ▶ Clean the component mating faces.
 - ▶ Tighten the nut to 55 Nm (40 lb.ft).
4. Install the front wheel.
 - ▶ Tighten the wheel nuts to 140 Nm (103 lb.ft).
5. Lower the vehicle.
6. Using only four wheel alignment equipment approved by Land Rover, check and adjust the wheel alignment.