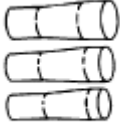

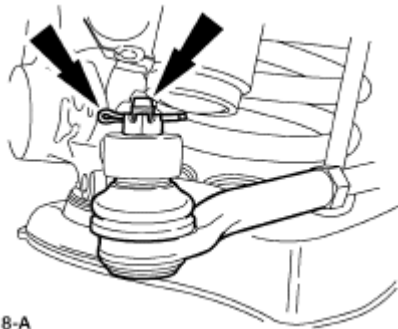


Steering Rack R&R

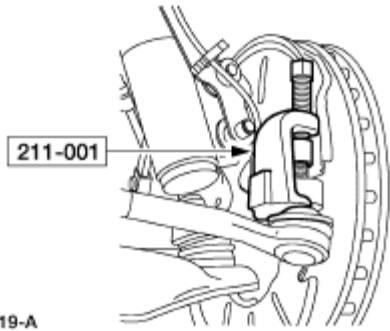
Special Tool(s)	
 ST1444-A	Teflon Seal Replacer Set 211-D027 (D90P-3517-A) or Equivalent
 ST1106-A	Tie Rod End Remover 211-001 (TOOL-3290-D)

Removal

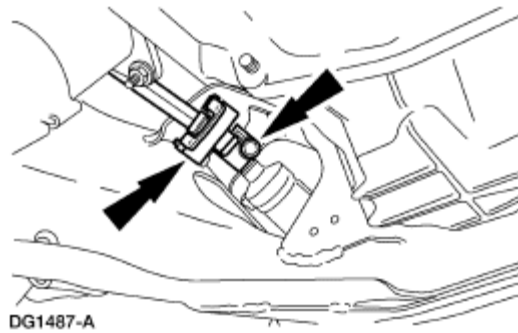
1. Turn the steering wheel as necessary to position the wheels in the straight-ahead position. Do not lock the steering column.
2. Raise and support the vehicle. For additional information, refer to [Section 100-02](#).
3. Remove the front wheels and tires. For additional information, refer to [Section 204-04](#).
4. Remove the cotter pin and nut. Discard the cotter pin.




5. Using the special tool, disconnect the tie-rod end.

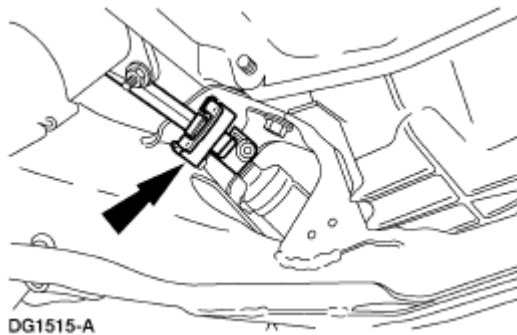


6. Rotate the steering column intermediate shaft as necessary to access the pinch bolt. Remove and discard the pinch bolt.

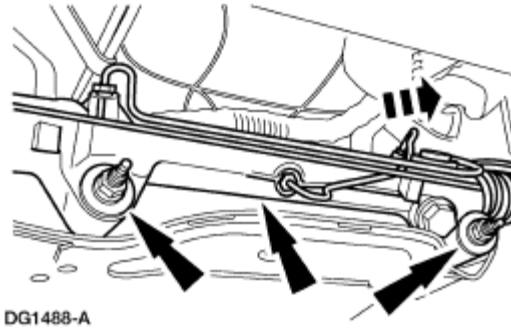


7. Lower the vehicle.
8. Turn the steering wheel back to the straight-ahead position. Turn the ignition key to the locked position.
9.  **CAUTION: Do not rotate the steering wheel when the lower steering column shaft is disconnected, or damage to the air bag sliding contact will result.**

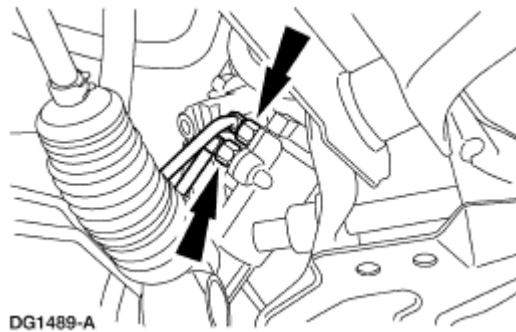
Disconnect the steering column intermediate shaft coupling (3A525).



10. Remove the nuts, washers and bolts. Position the steering gear (3504) forward.



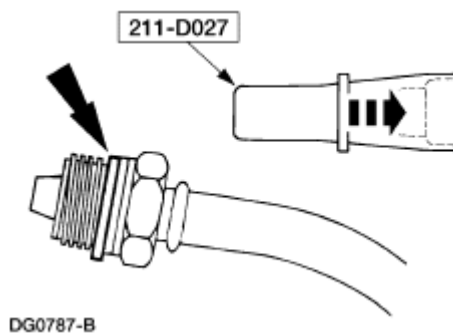
11. Disconnect the power steering hoses. Remove and discard the seal rings.
 - Plug or cap the power steering hoses and steering gear ports to prevent damage and the entry of foreign material.

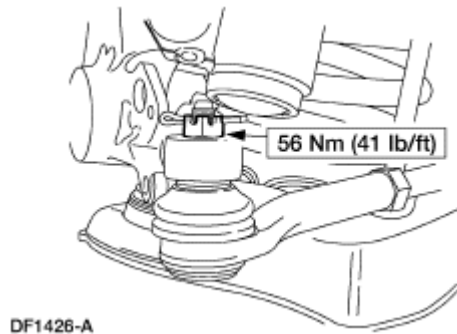
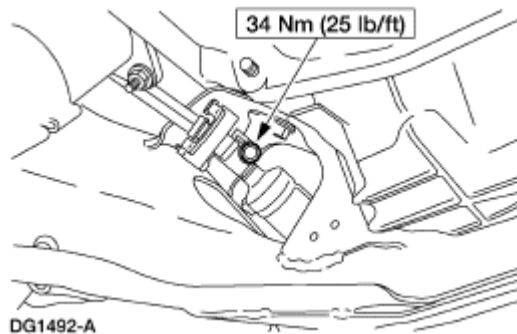
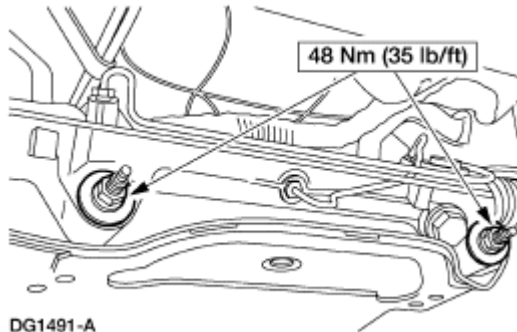
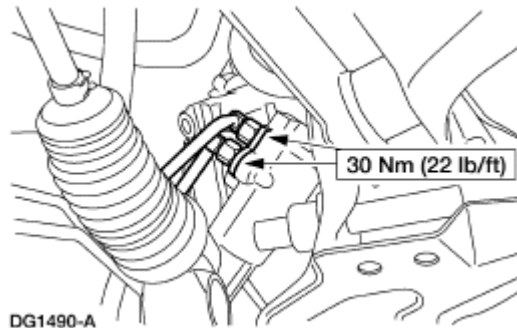


12. Remove the steering gear.

Installation

1. To install, reverse the removal procedure.
 - Using the special tool, install a new seal ring.
 - Install a new pinch bolt.





2. Fill and leak check the power steering system. For additional information, refer to [Section 211-00](#).