

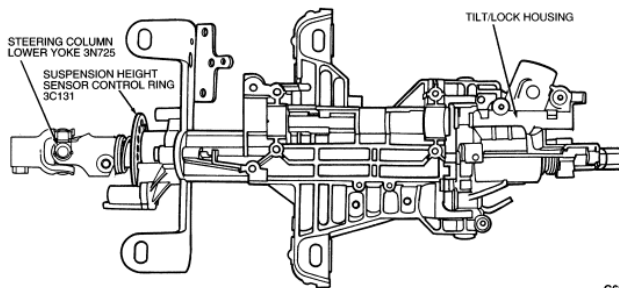
## Steering Column

### Disassembly

**⚠ CAUTION:** Do not remove the steering column, steering wheel and air bag module as an assembly from the vehicle unless the column is locked to prevent rotation, or lower end of steering shaft is wired in such a way to prevent the steering wheel from being rotated, as this will damage the air bag sliding contact.

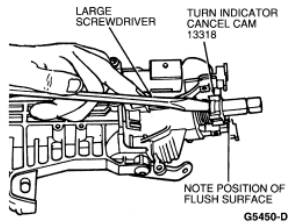
1. Disconnect battery ground cable (14301). Refer to [Section 14-01](#).
2. Remove steering wheel (3600) as described.
3. Remove steering column from vehicle as described.
4. Remove steering column lower yoke (3N725), steering column upper bearing spring (3520), suspension height sensor control ring (3C131) and steering column bearing tolerance ring (3L539).

### Lower Steering Column Assembly

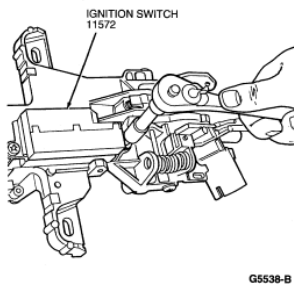


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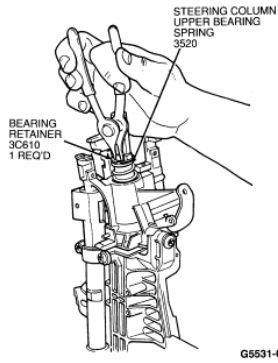
5. Remove turn indicator cancel cam (13318) by pushing up with flat-bladed screwdriver. Note direction of flush surface.



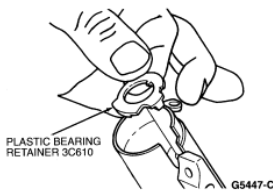
6. Remove ignition switch (11572) assembly.



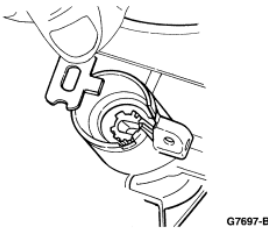
7. Remove bearing retainer (3C610) and steering column upper bearing spring.



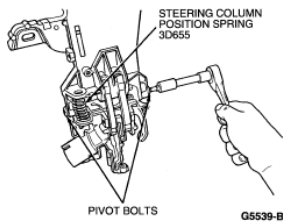
8. Remove steel steering column bearing tolerance ring and steering column bearing sleeve (3518).
9. Remove plastic bearing retainer from ignition switch lock cylinder bore.



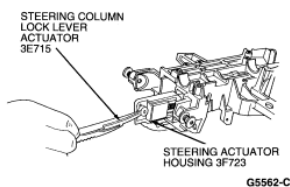
10. Remove metal steering column lock housing bearing (3E700) from ignition switch lock cylinder bore.



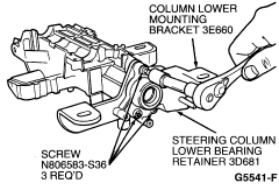
11. Note position of steering column lock gear (3E717) to actuator lock. Remove steering column lock gear.
12. Remove two pivot bolts. Use caution because steering column position spring (3D655) will release when bolts are removed. Remove steering column lock cylinder housing (3511).



13. Remove steering column shaft assembly from steering column.
14. Remove steering column lock lever actuator (3E715) and steering actuator housing (3F723).



15. Remove lower steering column bearing (3517) and steering column lower bearing retainer (3D681).

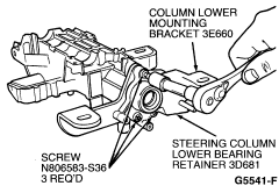


16. Remove tilt position lever pivot pin using a drift. Remove steering column locking lever (3B661)(RH)/steering column lock left hand lever (3D653) and steering column locking lever springs (3B664).

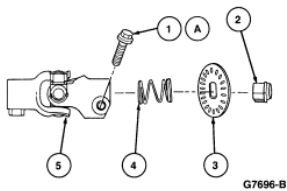


**Assembly**

1. Install steering column shaft assembly into steering actuator housing.
2. Install lower steering column bearing and column mounting bracket. Tighten screws to 7-11 Nm (62-97 lb-in).

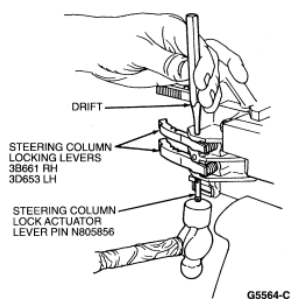


3. Install suspension height sensor control ring, steering column bearing tolerance ring, steering column upper bearing spring and steering column lower yoke to steering column shaft assembly. Tighten pinch bolt to 25-35 Nm (19-25 lb-ft).

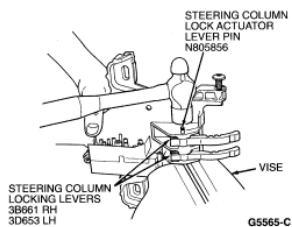


Item	Part Number	Description
1	N808349	Bolt
2	3L539	Steering Column Bearing Tolerance Ring
3	3C131	Suspension Height Sensor Control Ring
4	3520	Steering Column Upper Bearing Spring
5	3N725	Steering Column Lower Yoke
A	—	Tighten to 25-35 Nm (19-25 Lb-Ft)

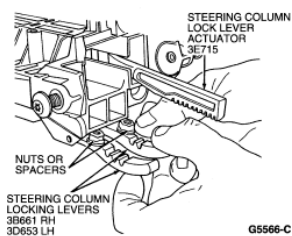
4. Position actuator cam in steering column lock cylinder housing and install cam pivot pin with small hammer. Tap pin in until flush with steering column lock cylinder housing.
5. Install one steering column locking lever spring and steering column locking lever(RH) into steering actuator housing using a drift to hold in place.
6. Install the other steering column locking lever spring and steering column lock left hand lever with pivot pin. Tap pin into place while driving out drift.



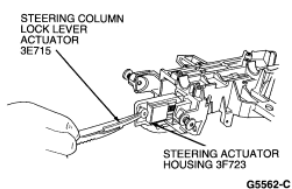
7. Support steering actuator housing in a vise and drive pin flush with steering actuator housing.



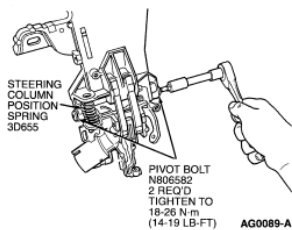
8. Place two nuts or spacers to hold steering column lock left hand lever and steering column locking lever (RH) away from steering actuator housing.



9. Install steering column shaft assembly into steering column lock cylinder housing.
10. Position steering column lock lever actuator, steering actuator housing in steering column lock cylinder housing. Spray upper steering column lock lever actuator and lower steering column lock lever actuator with Ignition Lock Grease FOAZ-19584-A or equivalent meeting Ford specification ESA-M1C232-A.

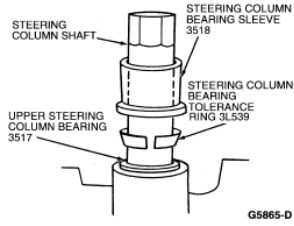


11. Position steering column position spring on steering column lock cylinder housing. With assistant, install steering column lock cylinder housing and pivot bolts. Tighten to 18-26 Nm (14-19 lb-ft).



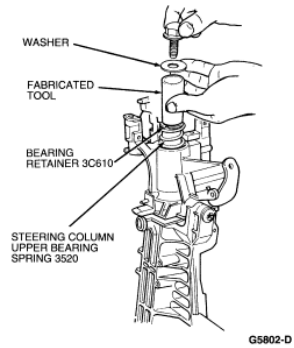
12. **NOTE:** Lube pivot bolts with Multi-Purpose Grease DOAZ-19584-AA, Multi-Purpose Grease Spray F5AZ-19G209-AA or equivalent meeting Ford specifications ESB-M1C93-B or ESR-M1C159-A before installing.

Install steel steering column bearing tolerance ring and steering column bearing sleeve over steering column shaft assembly.

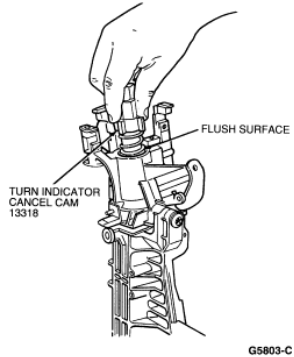


13. **NOTE: Do not use hammer on pipe to seat bearing retainer on steering column bearing. Damage to upper steering column lock cylinder housing may occur.**

Install steering column upper bearing spring and new bearing retainer on top side of steering column upper bearing spring using a 19.05 x 60.32 mm (3/4 inch by 2-3/8 inch) PVC pipe.

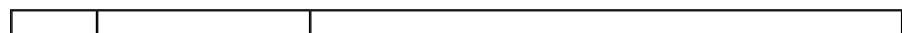
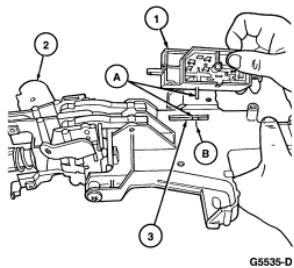


14. Install turn indicator cancel cam, flush surface up.



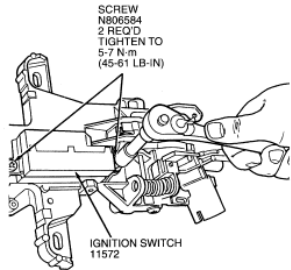
15. Install ignition switch. Align pin from ignition switch with slot in lock/column assembly. Position slot in lock/column assembly with index mark on casting. Tighten two retaining screws to 5-7 Nm (45-61 lb-in).

**Positioning Ignition Switch**



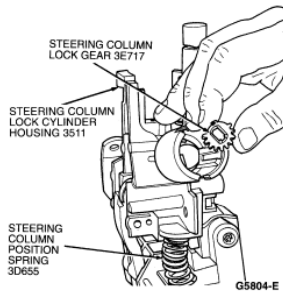
Item	Part Number	Description
1	11572	Ignition Switch
2	3511	Steering Column Lock Cylinder Housing
3	3F723	Steering Actuator Housing Lower
A	—	Align Pin with Slot
B	—	Index Mark

**Installing Ignition Switch**



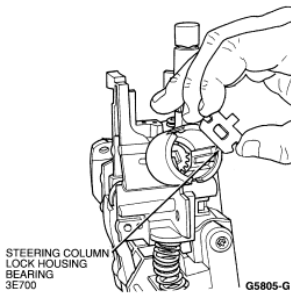
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16. Install steering column lock gear. Coat steering column lock gear with Ignition Lock Grease F0AZ-19584-A or equivalent meeting Ford specification ESA-M1C232-A.



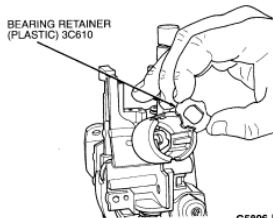
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17. Install metal steering column lock housing bearing. Lubricate with Multi-Purpose Grease DOAZ-19584-AA or equivalent meeting Ford specification ESB-M1C93-B.



G5805-G

18. Install plastic bearing retainer with tangs down.



G5806-D

19. Install shift control selector bracket.
20. Install shift lock actuator (3Z719).

21. Install steering column in vehicle as described.
  22. Install air bag sliding contact (14A664) as described.
  23. Install steering wheel as described.
  24. Connect battery ground cable. Refer to [Section 14-01](#).
  25. Verify air bag warning indicator.
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