

Air Bleeding Dual Steering System

Bleeding the dual steering gear system is necessary whenever the system has been repaired. The bleeding procedure is the same no matter the gear sizes used.

1. Raise the vehicle up until front wheels have cleared surface.
2. Inspect fluid level in reservoir to ensure it is full. Continue filling after starting engine and during the bleed process to maintain correct fluid level.
Note: Do not allow reservoir to empty during this procedure as it can cause pump damage or further aeration.
3. Remove drag links from both master and slave gears pitman arm following the procedure in vehicles service manual.
4. Start engine and allow it to idle.
5. Turn steering wheel to full left and hold until slave gear moves its full travel. Then turn full right and hold until slave gear moves its full travel. Repeat this three or more times.
6. Connect drag link to the master gear. Torque attaching nut according to vehicle service manual.
Note: Do not back off nut while finding cotter pin hole.
Note: Always use new cotter pins, retainers or fasteners.
7. Install new cotter pin through ball stud nut and lock in place.
Note: Not installing a new cotter pin in ball stud could result in loss of steering control.
8. With the master gear drag link connected, turn the steering wheel too full left turn and hold until slave gear pitman arm reaches full travel. Then turn the steering wheel to full right turn and hold until slave gear pitman reaches full travel. Repeat this three or more times.
9. Connect the drag link to the slave gear, turn steering wheel until pitman arm lines up with drag link. (Do not move the pitman arm by hand as air may get into system.) Torque attaching nut according to vehicle service manual.
10. Install new cotter pin through ball stud nut and lock in place.
11. Turn full left and full right several more times.
12. Inspect fluid level.

Keep your system clean

We recommend when replacing a power steering pump or gear:

- * Inspect all hoses and fittings
- * Fluid is flushed and replaced
- * Filter is changed