

FLA COE
FLB COE
FLD Conventional
Business Class
FLC 112 Conventional

> Century Class Conventional
Argosy COE
Cargo
> Columbia

122SD and Coronado
Business Class M2
> Cascadia
108SD/114SD

**Freightliner
Service Bulletin**

General Information

This bulletin directs technicians to the parts lists and diagrams on the Service Solutions website needed for rack and pinion retrofits to integral gears, and provides an overview of major components affected.

NOTICE

Do *not* use a middle wheel base (MWB) gear in place of a short wheel base (SWB) gear. Doing so will subject the steering knuckles, steering arms, king pins, and related components to excessive forces and could result in the system overheating and damage.

Accessing Retrofit Information

1. Go to <https://www.dtnasolutions.com/docs/DOC-468972>. If you are presented with a login screen, use your username and password for AccessFreightliner.
2. View the PDF, **RP_RF_Master.pdf**, on the Master Group List page.
3. Search the PDF for the vehicle serial number (use CTRL+F to search in Adobe Reader).
4. In the same row as the serial number, click the link in the "Retrofit List - Link" column to access the retrofit list for that vehicle.

NOTE: Alternatively, if you already know the retrofit group number, search for it with no space (e.g. group2, group17) in Service Solutions for the correct page and list.

5. On the retrofit group page, print or save the parts list PDF from the link at the bottom of the page, then follow the link to the necessary diagrams and print or save them too.

Parts Ordering

Order by part number, not by BOM. Ordering by BOM will result in receiving many unneeded duplicate parts already on the vehicle. This applies to front springs, shocks, shock brackets, reservoir, and other components.

The front axle can be modified or replaced. The axle conversion becomes more cost effective as the labor rate goes down, based on the overall SRT. Do not order both the complete axle and conversion parts.

Retrofit Overview and Suggested Order

IMPORTANT: Pay close attention to and follow all safety statements in applicable workshop manual instructions for component removal and installation.

1. Remove the rack and pinion components.
2. Modify the front suspension.
3. Replace *or* modify the front axle.
4. Install the steering gear and linkage.
5. Relocate the fuel-water separator to clear the steering shaft, if required.
6. Replace the steering pump and plumbing.
7. Relocate the LH front shock mount.
8. Relocate the power steering reservoir.

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9. Modify the steering column.
10. Replace the steering shaft.

Warranty

This is an informational bulletin only. Warranty does not apply.