

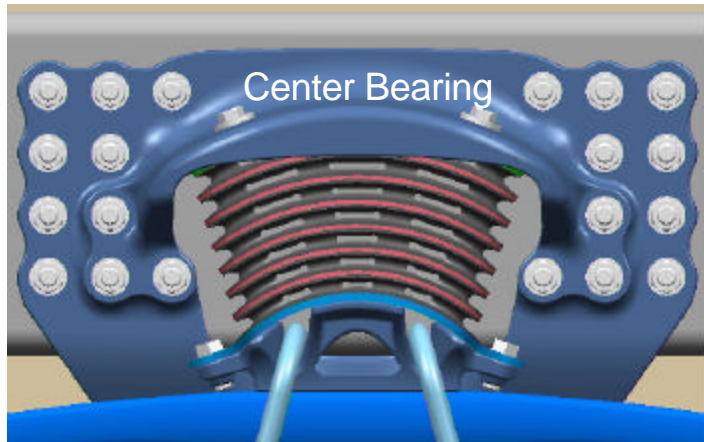
Freightliner Action Bulletin

FAB022

4/11/03

Freightliner Two-Stage TufTrac™ Vocational Suspension Option

When specifying for a rough, on/off-road application with ruts, rock and otherwise rugged terrain, Freightliner Trucks recommends the high-performance TufTrac suspension. TufTrac was designed specifically for high articulation operations where it's important to traverse bumps, ridges and washboard without "bottoming out" the suspension, even during "cross" articulation.



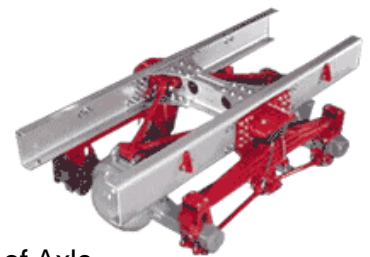
Freightliner is introducing a new option to the highly regarded TufTrac suspension. The new Two-Stage TufTrac suspension incorporates a new design for the rubber elastomer center bearing. The rubber elastomer has been designed to provide a softer spring rate and smoother ride when the suspension is lightly loaded, while maintaining a stiff spring rate under fully loaded conditions for good stability.

Voids in the rubber center bearing allow for the increased spring rate in the unladen condition. When the rear suspension is lightly loaded these voids allow the center bearing to act as more of a spring to absorb vibration and impacts before they are transmitted into the chassis - softening the ride of the truck. As more weight is added and the suspension becomes fully loaded, the voids compress, providing fully loaded ride quality and stability similar to the original TufTrac.

This option is beneficial on vehicles that operate in an unladen condition (i.e. Dump Trucks, Flatbeds, Tractors, Roll-offs, etc.). For operations that are fully laden most of the time, the original center bearing is recommended.

Selling Points

- No loss of stability under load
- Improved Unladen Ride Quality
- Maximum Ground Clearance
- Maintenance-Free Design
- Quiet Operation
- Rear Axle Brake Chambers Protected, Mounted Forward of Axle



Availability

Optional on Freightliner Business Class M2 and FL80, FLD SD

Data Codes

622-1E3 TufTrac 40,000 lb. 2-stage rear spring suspension
622-1E4 TufTrac 46,000 lb. 2-stage rear spring suspension

Further

Information

- Freightliner Sales Engineering
- On the Internet at: www.freightlinertrucks.com