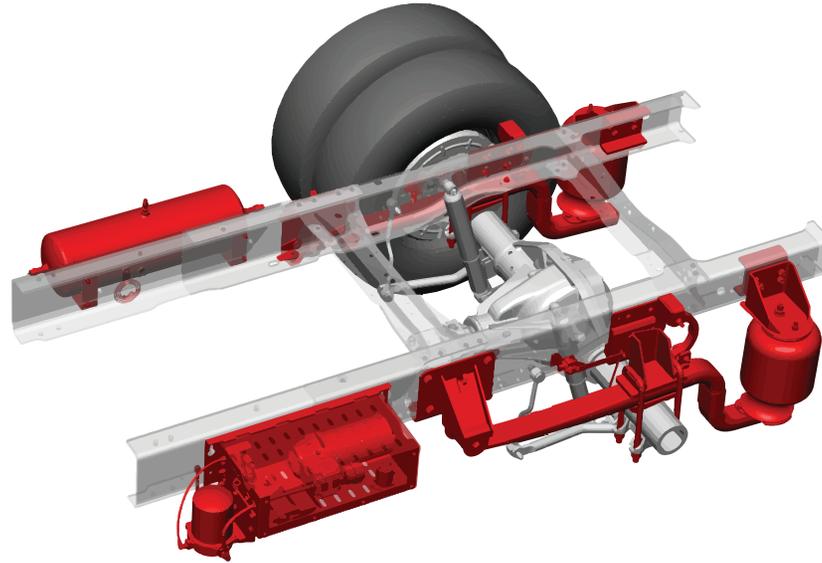


Reyco Granning TransportMaster



New TransportMaster® combines the durable R-Series drive axle suspensions with the latest air supply module the AirMaster®. The system is a bolt-on upgrade to replace the factory leaf spring suspensions for a shuttle bus, ambulance, RV, and work truck applications with Ford, RAM, GM and EV chassis.

The R-Series was designed to improve ride quality, manage body height, and permit kneeling. The AirMaster® is factory certified leak free, eliminates air-line freezing, and dramatically improves compressor life relative to legacy air supply systems.

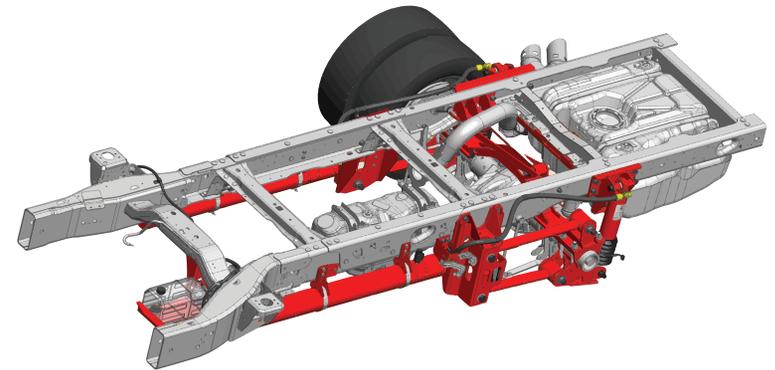
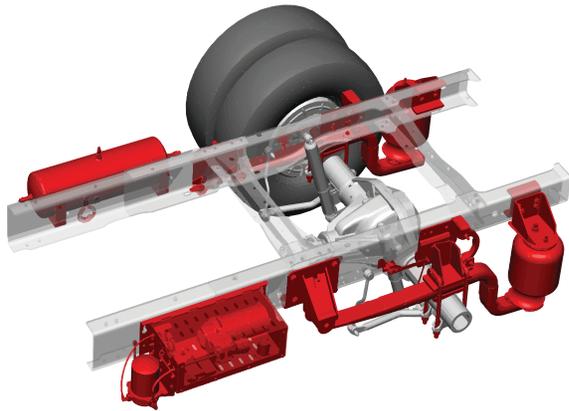
Features

- Pre-assembled, modularized system with integrated air dryer
- Proprietary CPU algorithm to eliminate unnecessary air compressor cycling
- Self-leveling system to maintain optimal ride height regardless of load
- Twin height control valves to maintain ride height side to side and increase roll stiffness

Benefits

- 100% certified leak free and airline freezing eliminated
- Increases compressor life and minimizes parasitic power consumption; ideal for electric vehicle applications
- Minimizes vibration and protects driveline components by maintaining optimal drive-shaft angle
- Enhances the handling, safety, and value of the truck

Reyco Granning TransportMaster vs. Liquid Spring Class



Reyco Granning TransportMaster®	Installation	Liquid Spring CLASS®
361 lb	Weight	787 lb
Total of 192 (39 components & 153 fasteners).	Components	Total of 260 (59 components & 201 fasteners).
Replace front hangers. Replace exhaust bracket on some models.	Required Modifications	Replace front hangers. Replace flexible brake line & fitting. Disassemble & re-route parking brake valve.
Not necessary.	Brake Bleeding	Entire brake system will need to be bled.
Drill 22 holes (18 new holes & enlarge 4 existing holes.) Three different hole sizes.	Hole Drilling	Drill 23 new holes. Six different hole sizes.
Standard shop tools.	Necessary Tools	Numerous speciality tools to augment standard shop tools.
In the unlikely event of a leak, the air compressor makes up lost pressure.	Maintenance	Inspect daily. When silicone leaks occur the user must schedule service.
Total volume of 10.1 cubic ft.	Package Space	Total volume of 11.8 cubic ft.
6 - 7 hours.	Installation Time	10 - 12 hours.

Reyco Granning Suspensions
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 Phone: 417.466.2178
 Fax: 417.466.3964
 ISO Certified: 9001:2015
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Reyco Granning TransportMaster vs. Liquid Spring Class

Reyco Granning TransportMaster®	Tests Results	Liquid Spring CLASS®
Consistently low body movement loaded (0.40° of dive) and unloaded (0.45° of dive.)	Brake Test (30 mph to 0 mph)	More body movement loaded (0.60° of dive) and unloaded (0.30° of dive).
Predictably good control loaded (2.2° of roll) and unloaded (1.6° of roll.)	J-Turn (30 mph)	Less control loaded (3.2° of roll) and unloaded (2.3° of roll).
Comfortably low body roll loaded (3.5° of roll) and unloaded (2.0° of roll).	Constant Radius Acceleration	More body roll loaded (5.0° of roll) and unloaded (2.4° of roll).
Smooth and consistent handling loaded (2.8° peak roll angle), (455°/sec peak roll rate) and unloaded (2.2° peak roll angle), (420°/sec peak roll rate).	60 Foot Slalom	Harsh and less predictable handling loaded (3.3° peak roll angle), (610°/sec peak roll rate) and unloaded (1.7° peak roll angle), (480°/sec peak roll rate).
Consistent accident avoidance loaded (2.7° peak roll angle), (585°/sec peak roll rate) and unloaded (2.1° peak roll angle), (550°/sec peak roll rate).	Emergency Lane Change	Loaded vs. unloaded behave like two different vehicles. When loaded (3.9° peak roll angle), (1,030°/sec peak roll rate), and unloaded (1.7° peak roll angle), (410°/sec peak roll rate).

Test Conditions:

- 2013 Ford F-450 flatbed truck retrofitted with each of the two products one after the other
- For loaded condition tested at GVW with each axle set to loaded GAWR
- For unloaded condition tested at tare weight
- Instrumented and tested under the same conditions for both products
- Liquid Spring CLASS was always tested in the "Normal" setting

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