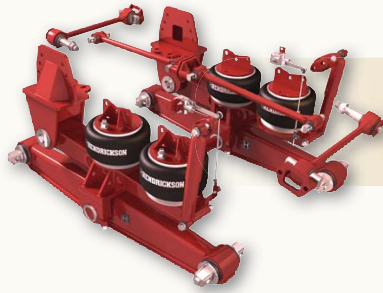




SEPTEMBER 2012

# truck tech tips



## B4 U AR2...

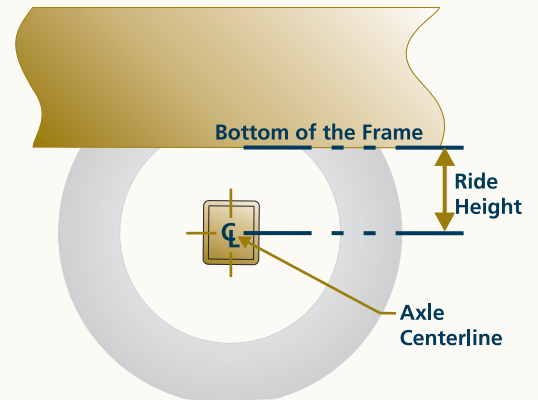
Many end users are upgrading from their original RT/RTE walking beam suspension to the AR2™ air suspension as a smoother riding replacement. The air suspension alternative can be a logical choice, although some important factors must be taken into consideration prior to removal of the old suspension. Review the factors below in order of importance.

**1 Road Test**  
The most important step prior to removing the RT/RTE suspension is to take the truck for a thorough road test. Why? To ensure the truck and all components are in proper operating condition before any suspension disassembly occurs. Look close, observe how the truck behaves, pay particular attention to the vehicle driveline and suspension and note any vibration. Identify any potential concerns during the road test that need to be addressed or repaired prior to suspension replacement.

**2 Pinion Angles**  
Pinion angles should be measured and cross-checked with vehicle manufacturer's specifications prior to removal of the RT/RTE suspension. If the pinion angles are within specification and there is no evidence of any driveline vibration, then installing the AR2 to ensure the same pinion angles are maintained should help provide for a smooth transition from a leaf spring suspension to an air suspension.



**3 Vehicle Ride Height**  
Ride height is typically measured from the bottom of the vehicle frame to the centerline of the front drive axle. This dimension is critical since the AR2 is equipped with dual height control valves which must be set correctly to ensure ride height and pinion angles are maintained for ride quality and suspension operation.



**4 Dash Gauges**  
Hendrickson recommends you contact your vehicle manufacturer regarding installation of two dash gauges in your cab. Dash gauges are a plus, they help monitor the air pressure to the AR2 air springs, and help to monitor side to side payload balance.



**So remember...** B4 U AR2, know your factors.

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There's only one way to ensure the suspension's original performance... ask for Hendrickson genuine parts by name.

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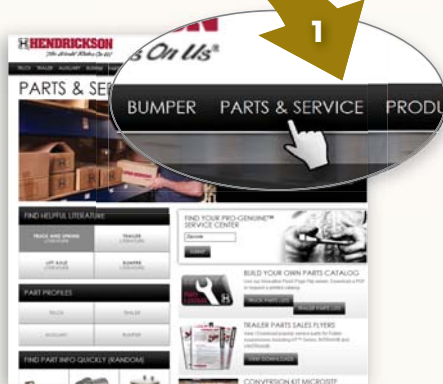
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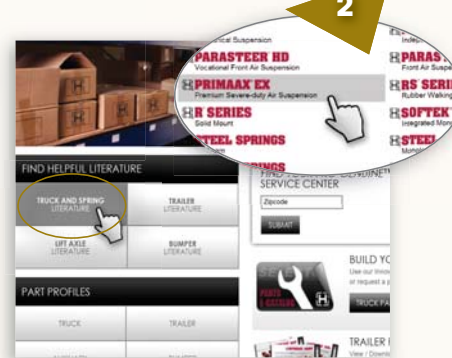
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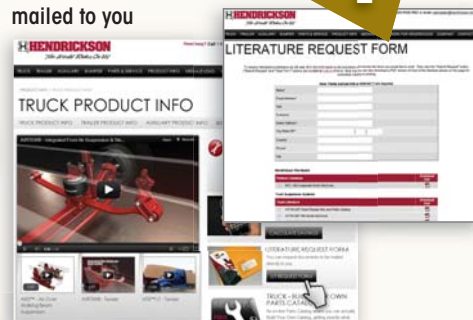


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