



# Why Do You Need RSD\* Brake Linings?

- Federal Motor Vehicle Safety Standard (FMVSS) No. 121 was amended to reduce the specified stopping distance for the vast majority of heavy truck tractors by 30%.
- Stopping distance requirements only apply to new truck tractors built on or after August 1, 2011.
- Vehicle OEMs are responsible for making sure their vehicles are compliant with the new stopping regulations.

## STOPPING DISTANCE STANDARD (LOADED CONDITIONS)



### How Far is 105 Feet?

- The previous FMVSS 121 stopping distance requirement was 355 feet.
- The current stopping distance requirement is 250 feet.
- The difference between the previous and current requirement equates to 105 feet. This is the length of 2 1/2 school buses or 6 minivans.



\*Reduced Stopping Distance.

### Best Maintenance Practice

- OE Brake/Axle Manufacturers recommend replacing worn RSD brakes with RSD friction.
- OE Friction Manufacturers (Federal-Mogul Motorparts) recommend replacing worn RSD brakes with RSD friction.
- To do anything less is to operate outside of the best OE maintenance practices.



## How to identify RSD Brakes\*

1

### Application – Is it a tractor?

- Yes – Go to step 2
- No – NOT RSD

2

### Year – What is the manufacture date of the tractor?

- Before 8/1/2011 – NOT RSD
- After 8/1/2011 – **Probably RSD**
- After 8/1/2013 – **Definitely RSD**

3

### Steer Axle

- 15 x 4 (4702, 1308, 1443, 4729) – NOT RSD
- 4720, 4715, 4719, 4725 and built after 8/1/2011 – **RSD**

\*Intended as a guide for informational purposes only; not intended as legal advice or as an interpretation of federal regulations.

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