

Apex[®] 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)

Old Standard 355 Feet



New Standard 250 Feet



105 Feet

30% REDUCTION

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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