



भारत सरकार - रेल मंत्रालय
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No. SV.AS. Firestone (TVS)

Date: 19.12.2019

Principal Chief Mechanical Engineers,

1. Central Railway, CSTM, Mumbai - 400 001
2. Eastern Railway, Fairly Place, Kolkata- 700 001
3. Southern Railway, Park Town, Chennai - 600 003
4. Northern Railway, Baroda House, New Delhi-110 001
5. South Central Railway, Secunderabad-500 071
6. South Eastern Railway, Garden Reach, Kolkata-700 043
7. North Eastern Railway, Gorakhpur-273 001
8. North East Frontier Railway, Maligaon, Guwahati- 781 011
9. Western Railway, Churchgate, Mumbai-400020
10. East Central Railway, Hazipur-844 101
11. East Coast Railway, Railway Complex, Bhubaneswar- 751 023
12. North Central Railway, Allahabad-211 001
13. North Western Railway, Jaipur-302 006
14. South Western Railway, Hubli- 580023
15. West Central Railway, Jabalpur- 482 001
16. South East Central Railway, Bilaspur- 495 004
17. Konkan Railway Corporation Ltd., Corporate office, Belapur Bhawan, Navi Mumbai - 400 614
18. Integral Coach Factory, Chennai - 600038
19. Rail Coach Factory, Kapurthala - 144 602
20. Modern Coach Factory, Rae Bareilly - 229212

Sub: Air springs (140 KN capacity) supplied by M/s S I Air Springs Pvt. Ltd., Madurai for LHB coaches

- Ref:**
- i) This office letter of even no. dated 01.01.2019.
 - ii) This office letter of even no. dated 14.08.2019.
 - iii) Failure of M/s S I Spring make Air Spring (140 KN capacity) in train no. 12472 on 18.12.2019.

M/s SI Air Springs Pvt. Ltd., Madurai (earlier name: M/s Firestone TVS Pvt. Ltd - Madurai) was cleared for fitment of air springs (140 KN capacity) for field trials. Zonal Railways have reported failure cases of M/s S I Air Spring make air springs (140 KN capacity) fitted in LHB coaches. Accordingly, vide letter under reference (i), Zonal Railways and PUs were advised that no further orders should be placed on M/s SI Air Springs Pvt. Ltd. for 140 KN capacity Air Springs.

Further, a trend was observed in all the reported failures of 140 KN capacity M/s S I make air springs that all the failures have taken place in LWS/LS5 coaches (which are prone to overloading).

In view of above, following corrective actions were advised to Zonal Railways (vide letter under ref. ii):

- 1) M/s S I make air springs (140 KN) in LS5 and LWS coaches are to be monitored closely. In case any defect is noticed, air spring should be replaced with air spring supplied by other RDSO approved sources. However, it should be ensured by Zonal Railways that at least both air springs of same bogie should be of same make.
- 2) M/s S I make air springs (140 KN) fitted in LS5 and LWS coaches are to be replaced with air springs supplied by other RDSO approved sources during SSIII / SSII / SSI / Sick Line attention whichever is earlier. However, it should be ensured by Zonal Railways that at least both air springs of same bogie should be of same make. Released 140 KN capacity air springs of M/s S I make may be utilized in LWSCZA and LWSCNA coaches.

Further, a failure case of M/s S I Spring make Air Spring (140 KN capacity) has been reported in train no. 12472 on 18.12.2019.

In view of above, it is advised to replace M/s S I make air springs (140 KN) fitted in LS5 and LWS coaches with air springs supplied by other RDSO approved sources on priority, as already instructed vide letter under ref. (ii).

DA: Nil


(Samir Lohani)
Exe. Director(Stds)/Carriage

Copy :

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