

**Bulletin Type....** : M  
**Bulletin No.....** : TS-M127  
**Bulletin Name...** : ZF Service Information Consecutive  
 No : 67/15e (Supplement to ZF-Service  
 Information Rs 11-15 and Rs 40-15)  
**Bulletin Ref.No** :  
**PQR No.....** : -  
**Rev No.....** : -  
**Release Date....** : -  
**Expiry Date.....** : -  
**Vehicle Model...** : TS 35 TS 45 Models  
**Flat Rate Code..** : TSM127  
**Flat Rate Time...** :

**Subject:** Retrofitting seal carrier,  
 readjustment/replacement of King Pin on RL 75/80/82 axles  
 must be evaluated by ZF Authorized Service.

**Summary :** All **affected vehicles must be directed to nearest Authorized ZF services in order to perform this application. For the vehicles which have already been checked in regards to this issue, this service bulletin should not be taken into account.**

In order to take the required actions according to below scenarios please get in contact with one of the local ZF services.

- a) Seal carrier without defect and movable.
- b) Seal carrier damaged / bent or distance to the king pin is < 16,5 mms.
- c) Seal carrier is missing.

**If the seal carrier is missing, no further vehicle application is allowed. In this case, immediate information to ZF or OEM to coordinate the further procedure.**

## Welding on the Chassis

- Always disconnect the batteries (starting with the negative lead).
- Disconnect the connectors of electrical and electronic equipment (electronic control units, sensors and actuators) if they are less than 2 meters away from the chassis part to be welded or the earth terminal of the welding equipment.
- The earth terminal should never be attached to vehicle components such as engine, axles and springs. Arcing on these parts is not permitted, because of the risk of damage to bearings, springs, etc.
- The earth terminal must make good contact and be placed as close as possible to the part to be welded.
- Plastic pipes, rubber parts and parabolic springs should be well protected against welding spatter and temperatures higher than 70°.

Service bulletin expiry dates differ according to service bulletin type.

## Definitions

**Release Date:** As of this date the bulletin is released and available on E-Doc. Modification parts can be ordered. The time period between the release date and the effective date may vary according to the procurement lead time.

**Effective Date:** As of this date specified amount of the total modification parts will be available on Spare Parts Stock. Modification parts can be ordered and the application can be performed. (except non-compliance and safety related campaigns, i.e. S-Type Bulletin)

**Part Order Deadline:** Last order date for modification parts. The part orders which will be placed after this date should be approved by Regional Coordinator.

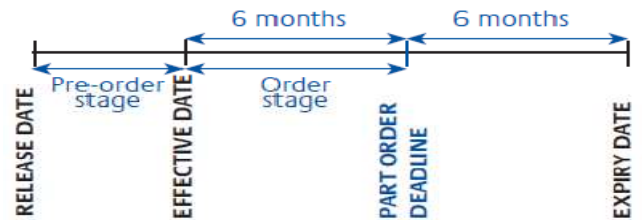
**Expiry Date:** Expiration date for the application.

## Bulletin Types

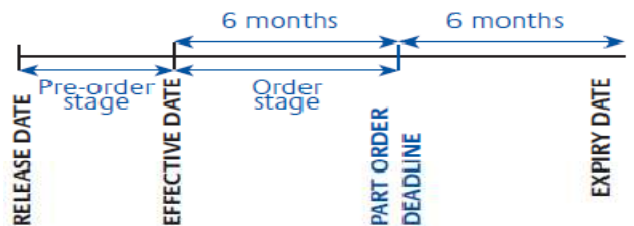
- **S-Type:** Application period of this bulletin is 18 months after the date of issue. S type bulletin is used for Recall Campaigns.



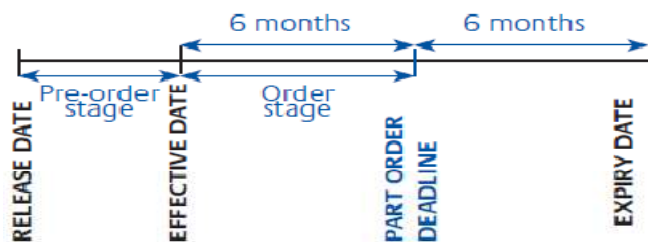
- **U-Type :** Application period of this bulletin is 12 months after the date of issue. U type bulletin is used for updates that need to be performed upon customer complaints.



- **C-Type:** Application period of this bulletin is 12 months after the date of issue. C type bulletin is generally used for supplying technical instructions or other type of information to service network.

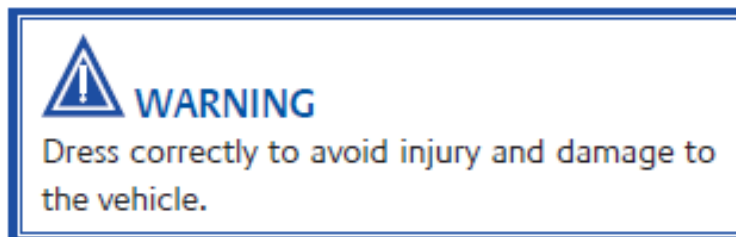


- **M-Type:** Application period of this bulletin is 12 months after the date of issue. M type bulletin is used for updates that should be implemented without waiting for customer complaints.



## GENERAL PRECAUTIONS

### 1. Suggested Dress Code:



### 2. Before Starting the Work:

Always wear protective clothing. Do not wear any damaged or loose-fitting clothing and remove jewelry before starting the work. In case of long hair use hairnet. The illustration above shows some of the correct and incorrect clothing that should be worn during work. Sharp edges should be avoided e.g belts, watches, necklaces etc.

### 3. Interior materials protection:

Seats, trimming, upholstery stuff and carpeting should be protected with appropriate coverings.

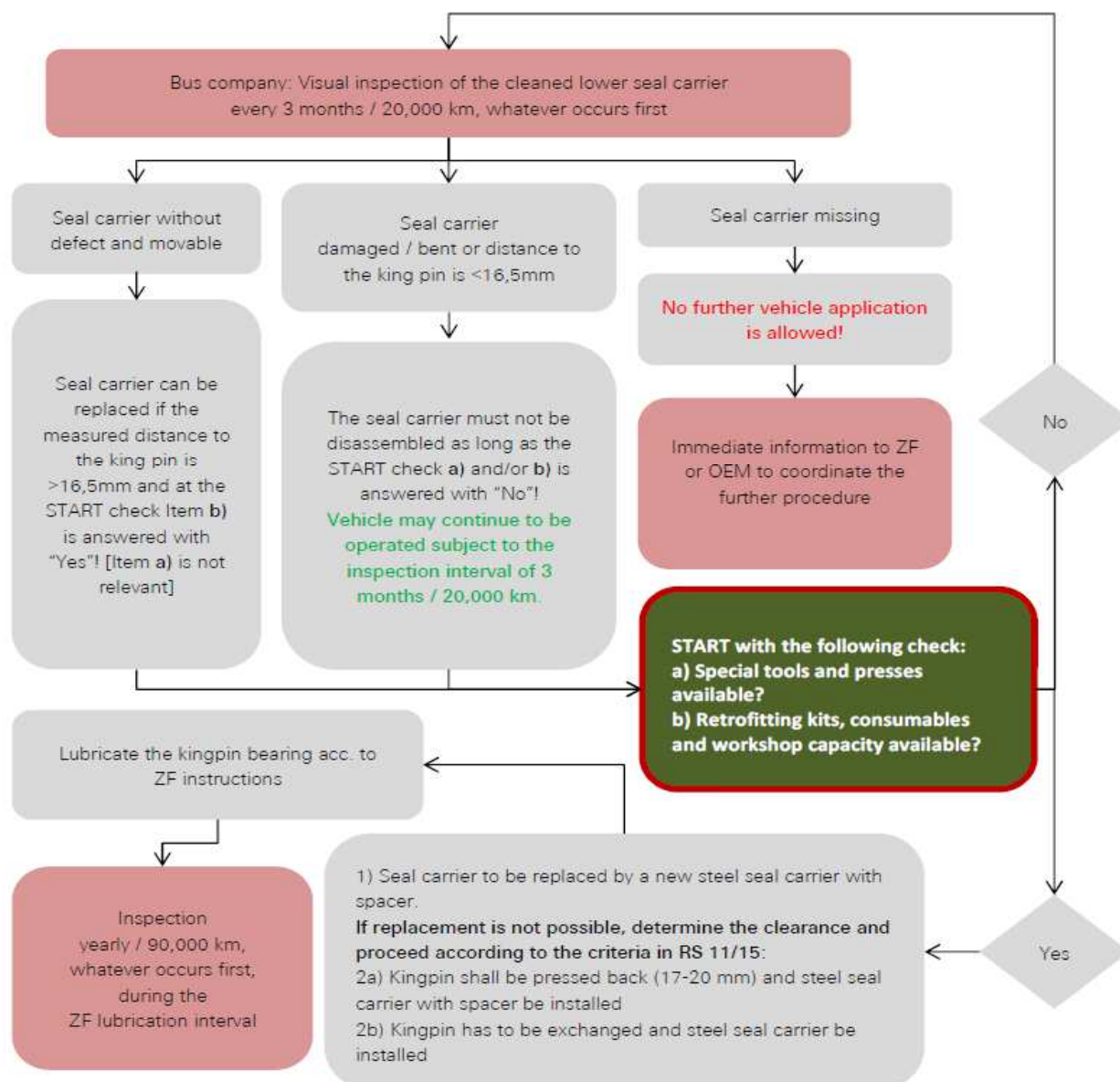
## Application:

File: 1  
 Type: Assembly Instructions  
 Consecutive no.: 67/15e  
 Date: 12.02.2016

## Service Information



### RL 75/80/82 Procedure retrofitting seal carrier, readjustment/replacement kingpin (Supplement to ZF-Service Information Rs 11-15 and Rs 40-15)



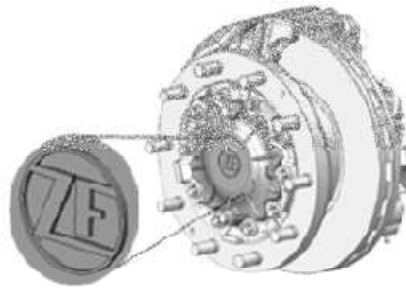
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Vorsitzender des Aufsichtsrats: Prof. Dr. Giorgio Behr  
 Vorstand: Dr. Stefan Sommer (Vorsitzender/CEO), Dr. Konstantin Seuer,  
 Jürgen Holeksa, Michael Hankel, Wilhelm Rehm, Rolf Lutz, Dr. Franz Kleiner  
 Sitz: Friedrichshafen • Handelsregistereintrag: Amtsgericht Ulm HRB 630206  
 www.zf.com • postoffice@zf.com

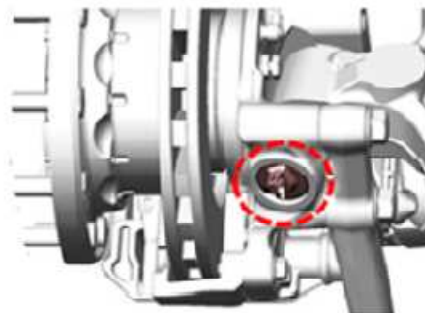
ZF Friedrichshafen AG  
 ZF Services  
 Donaustr. 71  
 D- 94034 Passau  
 Deutschland  
 Telefon: +49 851 494-0  
 Telefax: +49 851 494 90 5000



These instructions are only applicable to RL 75/82 with ZF wheel head, visible due to ZF-Logo on hub cover.  
Other  
ZF axles without ZF wheel head are not affected!



The originally installed die cast seal carrier (see rod marking) must be replaced by a steel seal carrier.



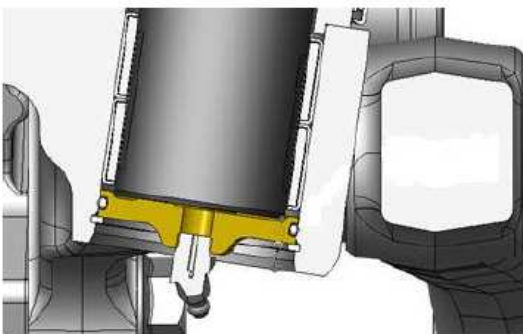
Change of die cast seal carrier  
to steel seal carrier



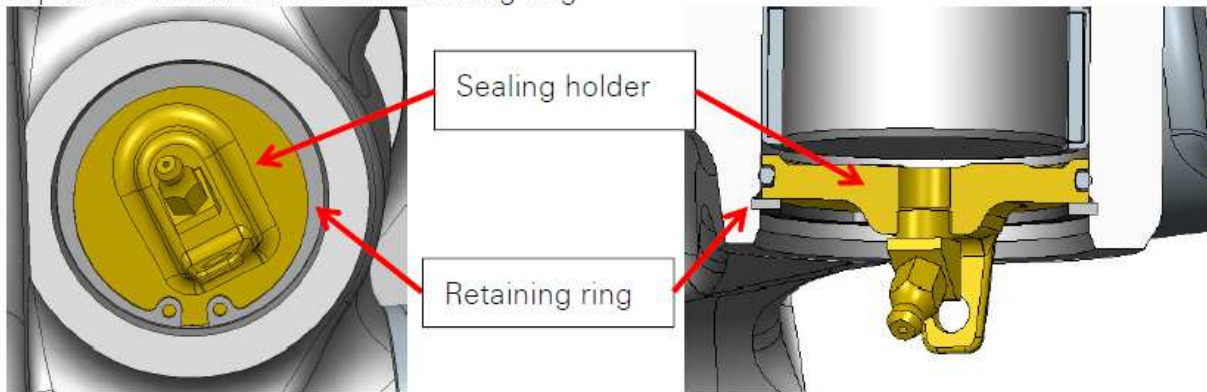


**2. Visual and manual inspection of both axle sides (every 3 months / 20.000 km, as long as the steel sealing holder is not installed; annually / maximum 90.000 km after installation of steel sealing holder)**

- Checking by hand whether sealing holder and grease fitting is still in position
- Cleaning of lower seal holder and retaining ring
- Checking of lower seal holder for damages
- Inspect seat and position of retaining ring



Inspection of seal holder and retaining ring



# SERVICE BULLETIN

## AFFECTED VEHICLE LIST

NO	VIN	COUNTRY
1	NLTEJXU80F1000009	USA
2	NLTEJXU80F1000012	USA
3	NLTEJXU80F1000026	USA
4	NLTEJXU80F1000043	USA
5	NLTEJXU80F1000057	USA
6	NLTEJXU81F1000018	USA
7	NLTEJXU81F1000021	USA
8	NLTEJXU81F1000035	USA
9	NLTEJXU81F1000049	USA
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11	NLTEJXU82F1000013	USA
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16	NLTEJXU83E1000004	USA
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24	NLTEJXU84F1000045	USA
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32	NLTEJXU86F1000015	USA
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35	NLTEJXU86F1000046	USA
36	NLTEJXU87F1000007	USA
37	NLTEJXU87F1000010	USA
38	NLTEJXU87F1000024	USA
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# SERVICE BULLETIN

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# SERVICE BULLETIN

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# SERVICE BULLETIN

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# SERVICE BULLETIN

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405	NLTRPPU76D1000004	USA
406	NLTRPPU76E1000019	USA
407	NLTRPPU76E1000022	USA
408	NLTRPPU76E1000201	USA
409	NLTRPPU76E1000215	USA
410	NLTRPPU76E1000229	USA
411	NLTRPPU76E1000232	USA
412	NLTRPPU76E1000246	USA
413	NLTRPPU76E1000263	USA
414	NLTRPPU76E1000277	USA
415	NLTRPPU76F1000281	USA
416	NLTRPPU76F1000295	USA
417	NLTRPPU76F1000300	USA
418	NLTRPPU76F1000314	USA
419	NLTRPPU76F1000328	USA
420	NLTRPPU77E1000014	USA
421	NLTRPPU77E1000207	USA
422	NLTRPPU77E1000210	USA
423	NLTRPPU77E1000224	USA
424	NLTRPPU77E1000238	USA
425	NLTRPPU77E1000241	USA
426	NLTRPPU77E1000255	USA



# SERVICE BULLETIN

427	NLTRPPU77E1000269	USA
428	NLTRPPU77E1000272	USA
429	NLTRPPU77F1000287	USA
430	NLTRPPU77F1000290	USA
431	NLTRPPU77F1000306	USA
432	NLTRPPU77F1000323	USA
433	NLTRPPU78D1000005	USA
434	NLTRPPU78E1000023	USA
435	NLTRPPU78E1000202	USA
436	NLTRPPU78E1000216	USA
437	NLTRPPU78E1000233	USA
438	NLTRPPU78E1000247	USA
439	NLTRPPU78E1000250	USA
440	NLTRPPU78E1000264	USA
441	NLTRPPU78E1000278	USA
442	NLTRPPU78F1000282	USA
443	NLTRPPU78F1000296	USA
444	NLTRPPU78F1000301	USA
445	NLTRPPU78F1000315	USA
446	NLTRPPU78F1000329	USA
447	NLTRPPU79E1000001	USA
448	NLTRPPU79E1000015	USA
449	NLTRPPU79E1000208	USA
450	NLTRPPU79E1000211	USA
451	NLTRPPU79E1000225	USA
452	NLTRPPU79E1000239	USA
453	NLTRPPU79E1000242	USA
454	NLTRPPU79E1000256	USA
455	NLTRPPU79E1000273	USA
456	NLTRPPU79F1000288	USA
457	NLTRPPU79F1000291	USA
458	NLTRPPU79F1000307	USA
459	NLTRPPU79F1000310	USA
460	NLTRPPU79F1000324	USA
461	NLTRPPU7XD1000006	USA
462	NLTRPPU7XE1000007	USA
463	NLTRPPU7XE1000010	USA
464	NLTRPPU7XE1000024	USA
465	NLTRPPU7XE1000203	USA
466	NLTRPPU7XE1000217	USA
467	NLTRPPU7XE1000220	USA
468	NLTRPPU7XE1000234	USA
469	NLTRPPU7XE1000248	USA

# SERVICE BULLETIN

470	NLTRPPU7XE1000251	USA
471	NLTRPPU7XE1000265	USA
472	NLTRPPU7XE1000279	USA
473	NLTRPPU7XF1000283	USA
474	NLTRPPU7XF1000297	USA
475	NLTRPPU7XF1000302	USA
476	NLTRPPU7XF1000316	USA
477	NLTRPPX71G1000332	USA
478	NLTRPPX7XG1000331	USA