

Tight Clearance or Contact of TRD Pro LH Rear Shock Reservoir to Body

Service Category Suspension

Section Rear Suspension

Market USA

Toyota Supports
 ASE Certification 

Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2018	4Runner	

Introduction

Some 2016 – 2018 model year 4Runner vehicles equipped with the TRD Pro suspension kit may exhibit a tight clearance or contact condition between the LH rear shock absorber remote reservoir and the inner wheelhouse body panel. A “knock” or “clunk” noise may be heard from the LH rear of the vehicle over bumps. Follow the Repair Procedure in this bulletin to address this condition.

Production Change Information

This bulletin applies to ALL 2016 – 2018 model year 4Runner vehicles equipped with the TRD Pro suspension kit produced **BEFORE** the Production Change Effective VIN shown below.

MODEL	PLANT	DRIVETRAIN	PRODUCTION CHANGE EFFECTIVE VIN
4Runner	Tahara	4WD	JTEBU5JR#J5519719

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Warranty Information

OP CODE	DESCRIPTION	TIME	OFF	T1	T2
SU1801	R & R Hardware Kit Only	0.3	PTR13-35140-AB	91	57
SU1802	R & R Hardware Kit and R & R LH Rear Shock Absorber	0.8			

APPLICABLE WARRANTY

- This repair is covered under the Toyota Basic Warranty. This warranty is in effect for 36 months or 36,000 miles, whichever occurs first, from the vehicle's in-service date.
- Warranty application is limited to occurrence of the specified condition described in this bulletin.

Parts Information

PART NUMBER		PART NAME	QTY
PREVIOUS	NEW		
PTR13-35140-AB	PTR13-35140-BA	Hardware Kit	1
PTR13-89150-LR		LH Rear Shock Absorber*	1*

* See the Repair Procedure to determine part applicability.

Required Tools & Equipment

REQUIRED TOOLS & MATERIAL	PART NUMBER	QUANTITY
Dupli-Color® Scratch Fix All-in-1™ Exact-Match Automotive Touch-up Paint, Universal Flat Black	ASF0104	1

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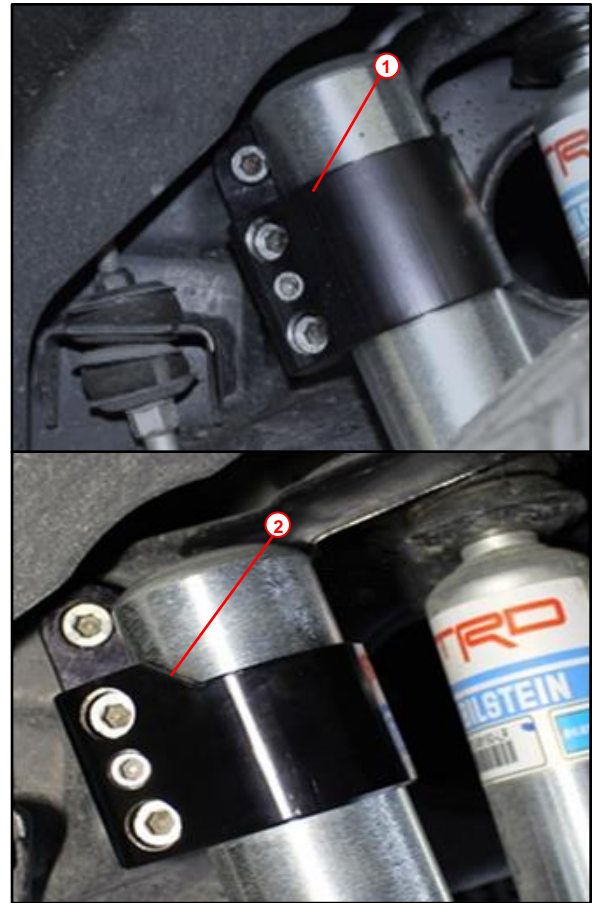
Repair Procedure

NOTE

- This bulletin applies **ONLY** to vehicles equipped with the TRD Pro suspension kit (part numbers PTR13-89150 or PTR13-89160).
- Driving confirmation of ANY reported “knock” or “clunk” noise is **NOT** necessary for this repair. Affected vehicles can be identified by a visual inspection and a simple measurement.

1. Check the shape of the reservoir bracket. Does the bracket have an angled step as shown?
 - **YES** — This bulletin does **NOT** apply. Continue diagnosis using the applicable Repair Manual.
 - **NO** — Continue to step 2.

Figure 1.



1	No Angled Step
2	Angled Step

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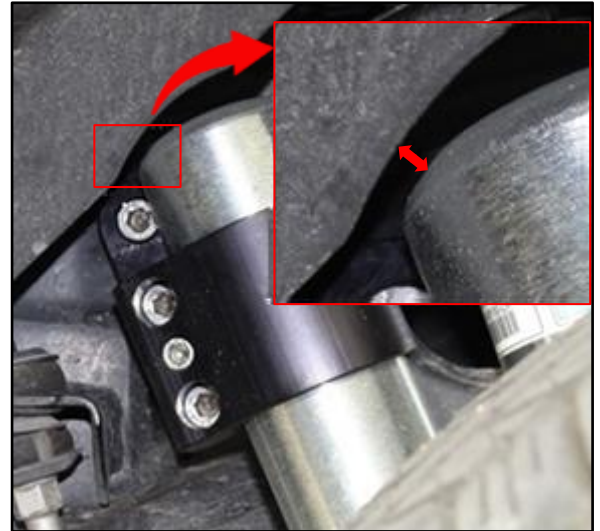
Repair Procedure (Continued)

2. Measure the smallest distance between the LH rear shock reservoir end and the inner wheelhouse panel edge.

Is the clearance less than 5 mm?

- **YES** — Continue to step 3.
- **NO** — This bulletin does NOT apply. Continue diagnosis using the applicable Repair Manual.

Figure 2. Reservoir Clearance Measurement



3. Safely lift the left rear corner of the vehicle to increase access to the reservoir mounting.

NOTE

- Wheel removal is NOT necessary for sufficient access.
- The tire may remain in contact with the ground.
- A two-post lift may be used if available; however, a floor jack is sufficient for this step.

4. Using a 5 mm Allen socket, remove the No. 1 bolt. Then, using a 6 mm Allen socket, remove both No. 2 bolts. The reservoir and bracket are now free.

Figure 3. Reservoir Bracket Bolts



1	No. 1 Bolt
2	No. 2 Bolt

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Repair Procedure (Continued)

5. Slide the bracket down the reservoir slightly, then remove the snap ring.
6. Remove the bracket by sliding off the free end of the reservoir.
7. Clean the reservoir end and inspect for damage.

NOTE

If the reservoir plating is damaged by contact with the body flange, remove and replace the left rear shock absorber per the TRD suspension kit accessory installation instructions. Refer to ["2015-2018 4Runner TRD Suspension Kit PTR13-89150, PTR13-89160 Rev. E,"](#) located at *TIS – Library – Service Information – Accy – Accessory Diagnostic Guide*.

If the plating is undamaged, the original shock absorber may remain in place.

Figure 4. Plating Damage Example



8. Inspect the inner body panel for contact damage. If damage is present, clean any bare metal with wax and grease remover and recoat with the Dupli-Color® Scratch Fix All-in-1™ Exact-Match Automotive Touch-up Paint.
9. Install a countermeasure bracket with the angled step toward the free end of the reservoir as shown.

Figure 5. Countermeasure Bracket



1	Angled Step
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Repair Procedure (Continued)

10. Reinstall the snap ring.
Refer to substeps 5b and 5c in "[2015-2018 4Runner TRD Suspension Kit PTR13-89150, PTR13-89160 Rev. E](#)," located at *TIS – Library – Service Information – Accy – Accessory Diagnostic Guide*.
11. Reinstall and tighten the No. 1 bolt.
Refer to substeps 5d and 5e in "[2015-2018 4Runner TRD Suspension Kit PTR13-89150, PTR13-89160 Rev. E](#)," located at *TIS – Library – Service Information – Accy – Accessory Diagnostic Guide*.
12. Reinstall and tighten the No. 2 bolts.
Refer to substeps 6h and 6i in "[2015-2018 4Runner TRD Suspension Kit PTR13-89150, PTR13 89160 Rev. E](#)," located at *TIS – Library – Service Information – Accy – Accessory Diagnostic Guide*.
13. Confirm that the reservoir is securely mounted and has adequate clearance to the body.
14. Safely lower the vehicle.
15. Test drive the vehicle to confirm that there is no abnormal noise.