

PART NUMBER

SSR-610-40

REAR PROGRESSIVE HELPER SPRINGS · U-BOLT MOUNT

[CLICK HERE:](#) To watch a video of this installation on Youtube

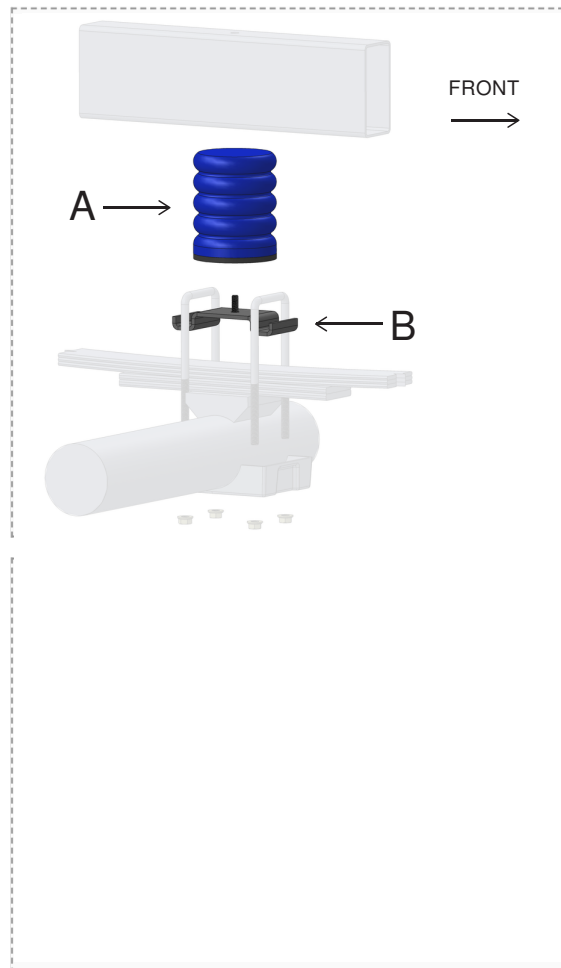
BEFORE YOU BEGIN

DESIGNED EXCLUSIVELY FOR

- Toyota Tacoma (2005 – 2018)
- Toyota Tundra (2000 – 2021)
- Toyota Hilux Vigo (2005 – 2015)
- Nissan Frontier (2005 – 2015)
- Nissan Titan (2004 – 2015)
- Mitsubishi Triton (2019 – Present)

Fits leaf-sprung rear axles

only. Kit reuses your factory u-bolts and clamps directly under the OEM saddle plate — no drilling, no welding.



TOOLS REQUIRED

- Floor jack
- Jack stands (pair)
- Wheel chocks
- Ratchet + socket set
- Torque wrench
- Blue thread locker
- Safety glasses

PARTS LIST

ITEM	DESCRIPTION	QTY
A	Rear Progressive Helper Spring	2
B	U-Bolt Mounting Bracket	2

Kit specs: progressive-rate micro-cellular polyurethane · reuses factory u-bolts · zero maintenance · retains empty ride quality, firms up under load.

DRIVER SIDE SHOWN — PASSENGER SIDE IS A MIRROR IMAGE

ESTIMATED INSTALL TIME

30 – 45 min

DIFFICULTY: BEGINNER-FRIENDLY · REUSES FACTORY U-BOLTS

INSTALLATION

1. Park on a hard, level surface. Set the parking brake, turn the ignition off, and chock the front wheels in front and behind. Put on safety glasses.
2. Start on the driver side *with the vehicle still on the ground* — the axle needs to stay loaded so the u-bolts can be worked without the spring pack shifting. Locate the factory rubber bump stop above the rear leaf pack.
3. Loosen (do **not** fully remove) the two u-bolt nuts just enough to lift the u-bolt saddle plate about ½ in and slide the factory rubber bump stop out.
4. Slip Mounting Bracket **[B]** up under the u-bolts so the bracket's flat pad sits on top of the leaf pack and the u-bolt legs pass through the bracket ears. The threaded stud on top of the bracket must point **up**, toward the frame.
5. Re-tighten the u-bolt nuts alternately in a criss-cross pattern to the vehicle manufacturer's factory torque spec.
6. Repeat steps 3 – 5 on the passenger side. Both brackets should now be clamped in place under the u-bolts.

Note: Factory u-bolt torque varies by model — most Toyota, Nissan and Mitsubishi trucks in this fitment fall between 70 – 95 ft-lb. Always look up your exact model in the service manual or a torque chart before final tightening.

7. Now raise the rear of the vehicle with a floor jack under the axle housing and support the frame on jack stands so the axle can hang. This gives clearance to install the helper spring.
8. Apply one drop of blue thread locker to the stud on top of Mounting Bracket **[B]**. Thread Helper Spring **[A]** straight down onto the stud and hand-tighten. Do not over-torque — hand-tight against the shoulder is enough.
9. Repeat on the passenger side.
10. Lower the vehicle back to the ground, remove the jack stands and wheel chocks, and roll it forward/back a few feet to let the suspension settle.
11. Take the vehicle for a short test drive on a low-traffic road and confirm no contact noise on speed bumps or driveway entries.

Important — first service: after 200 – 500 miles of driving, re-torque the u-bolt nuts. Leaf packs settle slightly after install and this keeps the bracket tight for the life of the kit.

WARRANTY & SUPPORT

Every YotaTV Rear Helper Springs Kit is backed by our fitment guarantee. Register your kit and reach us any time:

Email: support@yotatv.com · **Phone:** +1 (844) 909-4899 · **Web:** yotatv.com

Please have your order number and vehicle year / make / model / trim ready when you contact us.

the manufacturer's Gross Vehicle Weight Rating (GVWR) shown on your vehicle's door tag.