

PART NUMBER

SSF-604-40

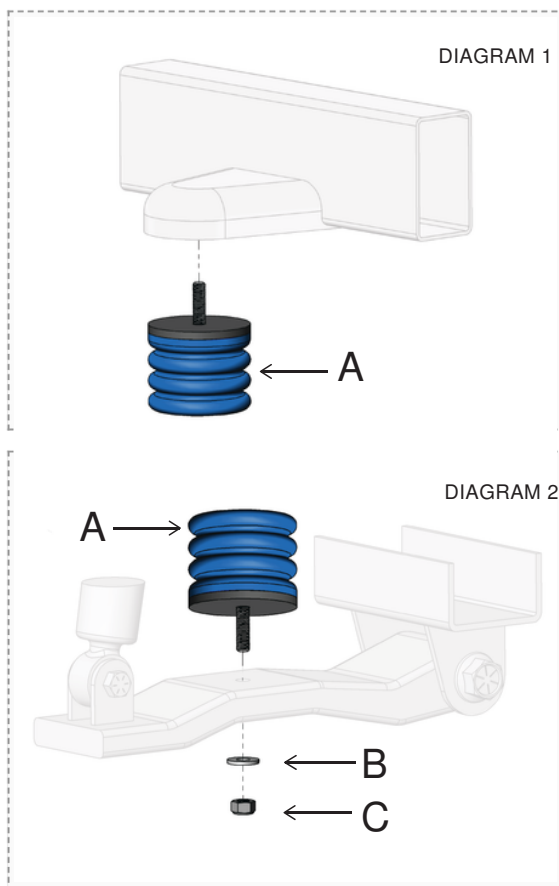
FRONT PROGRESSIVE HELPER SPRINGS

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

BEFORE YOU BEGIN

DESIGNED
EXCLUSIVELY FOR

- Toyota Tacoma
(1995 – 2023)
- Toyota Tacoma Prerunner
(2016 – 2023)
- Toyota Tundra
(2000 – 2026)
- Toyota T100 / Pickup
(1975 – 1994)
- Toyota 4Runner
(1984 – 2024)
- Toyota FJ Cruiser
(2007 – 2014)
- Toyota Hilux
(1998 – 2026)
- Toyota Hilux Vigo
(2005 – 2015)
- Toyota Hilux Revo
(2016 – 2026)
- Toyota Land Cruiser 100
(1998 – 2007)
- Toyota Land Cruiser 120
(2003 – 2009)
- Toyota Land Cruiser 150
(2010 – 2020)
- Lexus GX470
(2003 – 2009)
- Lexus GX460
(2010 – 2023)
- Lexus LX470
(1998 – 2007)



TOOLS REQUIRED

- Floor jack
- Jack stands (pair)
- Wheel chocks
- Large channel-lock pliers
- 15 mm socket & ratchet
- Blue thread locker
- Safety glasses

PARTS LIST

ITEM	DESCRIPTION	QTY
A	Progressive Helper Spring	2
B	Flat Washer	2
C	M10-1.25 Lock Nut	2

Kit specs: 1,400 lb compression capacity · micro-cellular polyurethane · zero maintenance · bolt-on to factory mounts.

DRIVER SIDE SHOWN – PASSENGER SIDE IS A MIRROR IMAGE

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Front Helper Springs Kit

SAFETY NOTICE: Installation is recommended for a qualified technician or a person with sound mechanical experience. YotaTV assumes no liability for the installation process. Always follow standard automotive safety practices, use jack stands, and never work under a vehicle supported only by a jack. Do not exceed the vehicle manufacturer's GVWR.

Support
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ESTIMATED INSTALL TIME

20 – 30 min

DIFFICULTY: BEGINNER-FRIENDLY · BOLT-ON

INSTALLATION

1. Park on a hard, level surface. Set the parking brake, turn the ignition off, and place chocks in front of and behind the rear wheels.
2. Raise the front of the vehicle with a floor jack and support the frame with jack stands so the front suspension hangs freely. Removing the front wheels is optional and can make access easier.

Note: On vehicles with two factory bump stops per side, install the YotaTV helper springs in the *forward* position.

A · IF YOUR FACTORY BUMP STOP IS MOUNTED TO THE FRAME (DIAGRAM 1)

3. Start on the driver side. Grip the old rubber bump stop with large channel-lock pliers and twist it out of the frame bracket.
4. Apply one drop of blue thread locker to the stud of Helper Spring **[A]**. Thread it straight into the factory hole and tighten by hand until seated — do not cross-thread.

B · IF YOUR FACTORY BUMP STOP IS MOUNTED TO THE LOWER CONTROL ARM (DIAGRAM 2)

3. Start on the driver side. Remove the existing bump stop from the lower control arm.
4. Insert the stud of Helper Spring **[A]** down through the hole where the old bump stop sat.
5. From below, slide Flat Washer **[B]** over the stud, then thread on Lock Nut **[C]**. Torque securely with a 15 mm socket.

Tip: If clearance is tight, unbolt the lower shock/strut and sway-bar end link and push down on the tire to gain room. Re-torque both to the vehicle manufacturer's spec once the helper spring is in.

6. Repeat the same procedure on the passenger side. The parts and orientation are identical.
7. Raise the vehicle, remove the jack stands, and lower it back down. Remove the wheel chocks.
8. Take the vehicle for a short test drive on a low-traffic road. Check for any contact noise at full compression (speed bumps, driveway entries). Re-inspect all fasteners after the first 100 miles.

What you should feel: less nose-dive under braking, a firmer front end when loaded (winch, bull bar, roof rack, front-mounted accessories), and more predictable steering on washboard and off-camber terrain.

WARRANTY & SUPPORT

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

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Front Helper Springs Kit

DURING & AFTER INSTALL: Make sure the emergency brake cable, brake lines, A/C lines, and wiring do not contact the helper springs. Secure any cables clear with zip-ties or gentle re-routing. Never exceed the manufacturer's Gross Vehicle Weight Rating (GVWR) shown on your vehicle's door tag.

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