

# **Dobinsons**

**SPRING & SUSPENSION**

Vehicle Specific Instructions: Toyota 4Runner 5th Gen, 2010 to 2019, using RD80-1001 and DW59-029K (2 boxes)

**Installation should be performed by a professional.**

Note: Models with a 3rd row seat, or rear sliding tray may have floor variations that require additional spacing or custom length bolts to be used. Some floors may have existing holes, but those holes will most likely not be used so that the drawer system can be properly aligned forward and back and side to side in the vehicle.

While nutserts can be used to help install the drawers, due to the overall weight and capacity of the drawer system, proper nuts, washers and bolts are highly recommended.

1. Remove both drawers and lids from the drawer frame, leaving full access to all sides, and visibility from above and in front of the drawers.
2. Lower and take spare tire out from under the vehicle.
3. Remove the carpet and insulation (and any sliding deck or 3rd row seat), leaving the floor as just metal. This is important so you can see any existing floor ribs and depressions in the floor. Use strips of cardboard from the shipping box if desired so that the mounting ribs of the drawers don't scratch up your floor.



4. If you are not planning to install and use the side wing panels, the drawers can sit lower to the floor by only using 1" spacers on the rearward end. If you will be installing the side wing panels, the drawers must be spaced up by 2" so that the side wing panels will clear the plastic side panels that cover the wheel arches, and so that they can sit flat. This is where some floor variations may occur and custom spacers or different length hardware may be required. Some choose to use a wood 2x4 to cover the width of the drawers and add space.

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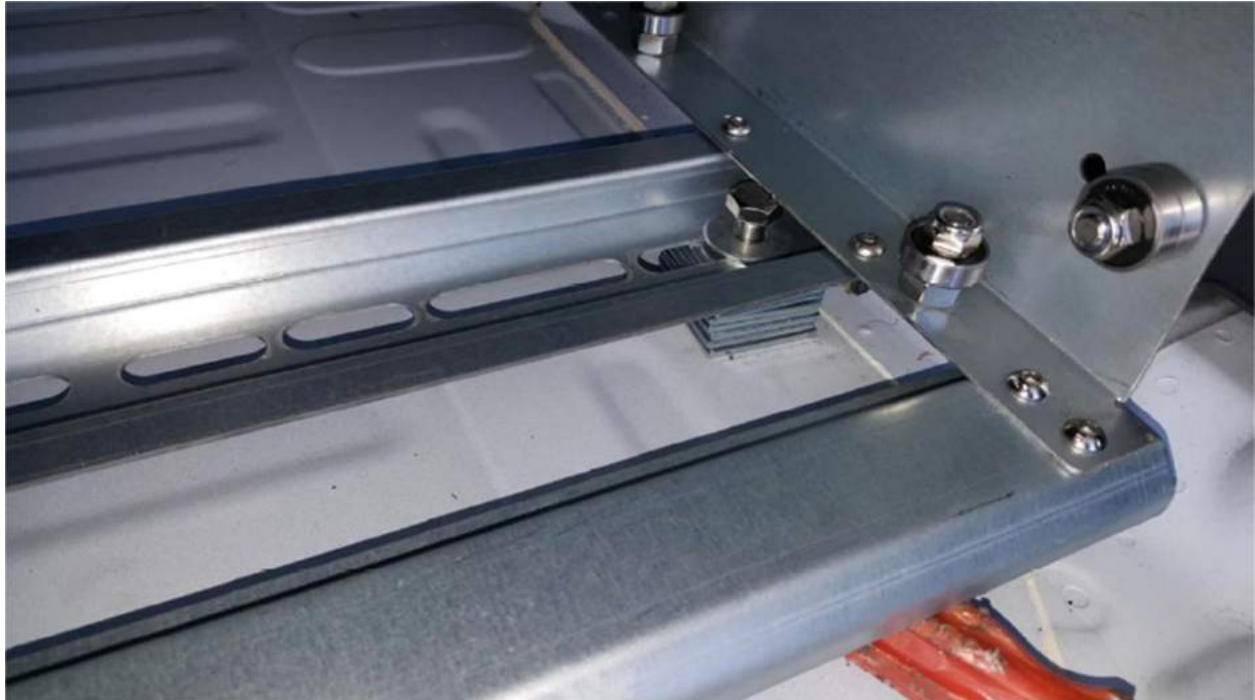
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5. If installing side wing kit, loosely attach the front filler panels to the drawer frame now. This will show you what position into the vehicle the drawers need to sit. If they are not forward enough in the vehicle, the rear hatch will not close. Use the door seal as a guide for how far in to set the drawers.
6. Test fit the drawer system in the vehicle taking care not to scratch the vehicle and not to squash the wires on the floor (use a spacer/wood to pack the drawers up) and check the mounting rib alignment. If using side wing panels, slide those into place to make sure left to right alignment is correct. There will be some gaps between the panels and the sides of the vehicle. The rearward most brackets will sit just in from the rear door seal.



7. The drawers come with the mounting ribs attached in one position, but they can be moved if needed forwards or backwards to clear floor obstacles and to align everything. The mounting rib toward the center of the vehicle may need to be moved a few holes to allow it to align with the existing vehicle floor rib. The mounting rib rearward should remain in the position it came in.
8. Once the drawers are in their position, and all clearances and spacing have been checked, new holes can be drilled thru the floor, making sure that nothing on the underside of the vehicle will get damaged if a drill goes through that part. Some use nutserts here, but nutserts may not hold all the strength required to keep a fully loaded drawer system (150-500LBS) in place during rough off road use.
9. At this point, after the holes have been drilled and the drawers are about to be installed, the original carpet and insulation (if applicable) can be reinstalled back into the vehicle for sound deadening and to give a nice neat appearance. Clearancing the carpet around the mounting holes of the drawers will be required

10. Carefully reinstall the drawer system. Install the 26mm thick spacers between the bottom of the rearward mounting rib and the vehicle floor. May need 2 spacers depend on wing kit installation. Install a 10mm bolt and washer supplied to each side but do not completely tighten yet.



11. Install a bolt and washers to the forward end of the drawers and do not fully tighten yet.

12. Install the outer wing kit brackets and install the outer wing kit panels. The rearward most brackets will sit just in from the rear door seal. Loosely install the top fixed side panel and align the drawer system where it needs to be then remove the panel and tighten the mounting bolts - do not over tighten the mounting bolts in the rivnuts.

13. Remove the white clips that retain the wiring loom and install the outer cover strip with the plastic clips supplied and push the carpet upper under the draw system. Loosen the rearward mounting rib small allen key bolts and tuck the carpet between the mounting rib and the draw system and re tighten the bolts to keep the carpet tight.

14. Install the rubber stoppers to both drawers as seen in universal instruction sheet. Don't over tighten!! This keeps the drawers in place from coming out of the frame, and also those stoppers squish when slammed shut to keep pressure on the drawers and keep them from moving or making noise.

15. Reinstall the fixed top panel and tighten all bolts and fixings on wing kits

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