

Traxda 902030 Installation for Rav4

- Put truck on 2 post lift or equivalent. Always work safely

Order of operations:

1. Remove plastic shrouds from underside of vehicle
2. Rear Subframe spacers
3. Rear Shock brackets
4. Rear subframe support bracket
5. Rear Radius arms
6. Rear Spring Spacer
7. Front subframe
8. Motor/trans mounts
9. Front struts
10. Sway bar links
11. Drive shaft spacer

Start at the Rear. We re-use the OEM subframe bolts in the front.

Rear Subframe Spacers

- Remove rear subframe support brackets
- Remove subframe bolts and install supplied 16mmx1.50-160mm bolts back in 2 turns. Keep 2 bolts for use at the front.
- One at a time, install 185.18 subframe spacers. (Done this way for safety)
- Install 184.42 rear subframe support brackets
- Remove rear shock upper mount bolts
- Install 184.9 rear shock extension brackets, using OEM bolts to go into unibody, and supplied 12mmx1.75-30mm bolts to attach shock to 184.9

Rear Radius Arm

- Remove the 2 bolts at front of rear radius arm
- Remove the 3 bolts on the side of the radius arm near the rear hub. This takes pressure of the arm and will help avoid cross threading bolts into chassis
- Install 184.41 radius arm spacer using 12mmx1.25-60mm bolts and washer
- Reinstall 3 side bolts onto the radius arm.

Rear Spring Spacer

- Remove swing arm bolt at hub (outside)
- Lower arm down, remove spring
- Install Traxda spring spacer into lower control arm with 10mmx1.25-50mm bolt down through large washer and use a nut to secure it. Rubber spring isolator goes on top of Traxda part
- Reinstall the arm

Front Subframe

- Remove subframe bolts on the front subframe, including subframe support bolts.
- Let the motor hang on the motor mounts, and install the 1" thick subframe spacers.
 - Front of Front subframe re-uses the OEM 16mm bolt from the rear and the 33.18 spacer
 - Rear of Front subframe uses 16mmx1.5-160mm bolt in kit, and the 184.18 spacer
- Use the 1" DOM spacers for the rear of the subframe support. Will need 4 of them and 12mmx1.25-50mm bolts

Motor and Trans Mounts

- Support engine with floor jack or similar
- Remove airflow sensor connector at airbox
- Remove top of airbox
- Remove battery
- Under the battery is the transmission mount, remove the main center bolt and then the 5 bolts holding the mount to the transmission. Install Traxda 184.25 transmission spacer under mount, and also install 1" DOM spacer on the 5th hole.
- Reinstall the center bolt, battery and airbox
- On passenger side, remove motor mount assembly from vehicle, and with the motor mount on the work bench, remove the pressed in stud (will be replaced with a bolt). Install Traxda spacer, then motor mount on top of it. Use supplied 12mmx1.25-80mm (3) and 10mmx1.25-85 (1) bolts to remount.

Front Struts

- Remove abs wiring clips
- Remove sway bar link
- Remove front struts by removing the lower 2 bolts and the upper 3 nuts
- Install Traxda spacer on top of strut
- Reinstall strut into vehicle
- Replace sway bar link with shorter links supplied in kit.

Driveshaft spacer

- Remove bolts holding driveshaft bearing in
- Install 1" DOM spacer between bearing mount and vehicle, using supplied 12mmx1.25-50mm bolts
- Use a small prybar to bend heat shield away from bearing support, so that it will not make a noise later

Alignment

Align to stock specs