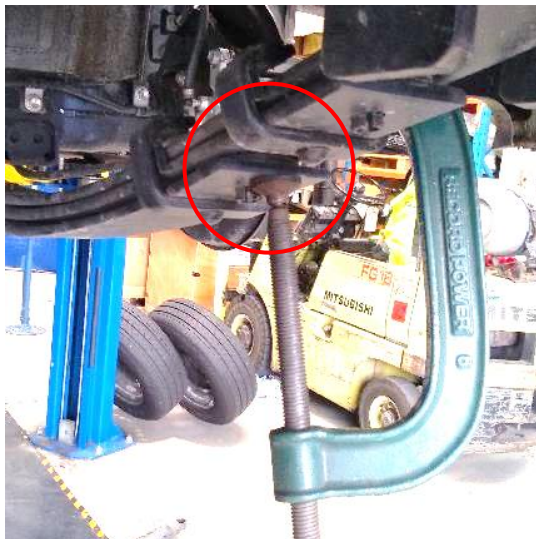


Toyota Hiace H322 Rear Suspension Upgrade Kit

FLS-147K

Rear Suspension

- Lift Vehicle to working height
- Support front of vehicle with stands
- Remove rear wheels
- Support rear axle with adjustable stands on both sides of the axle
- Remove rear shock absorbers
- Left Side
 - Remove leaf spring U-bolts and remove the spring plate
 - Raise rear axle, noting which hole in the axle assembly the spring locating pin was installed in.
 - Attach G-clamps at the ends of the small leaf, as shown:



- Remove the leaf centre bolt
- Attach the new leaf to the pack using the supplied centre bolt and nut
 - Take care to install the long end of the new leaf toward the rear of the original spring, as shown.



- Ensure the slipper pads are installed in the holes at the ends of the leaf.
- Tighten the centre bolt to 29 n.m. (22 ft.lb.) and cut thread leaving 5mm of thread showing. Strike exposed bolt threads with a hammer to prevent loosening.
- Cut the wedge attachment from the spring plate by grinding the welds as shown.



- Clean the spring plate and apply paint.
- Lower the axle taking care to align the correct hole in the axle assembly with the spring locating pin, as noted earlier.
- Reattach the spring plate and install the original U-bolts
 - **Do not fit the original U-bolt washers.**
- Clean and oil the U-bolt threads and install the nuts. Torque the U-bolt nuts to 78 n.m (58 lb.ft).
- Right Hand Side
 - Repeat process given for left side above.
- Install the supplied shock absorbers
- Install rear wheels
- Remove stands and lower vehicle.
- Test drive vehicle then torque the U-bolt nuts to 78 n.m (58 lb.ft) with the vehicle at static ride height with full load on the springs.