

INSTALLATION MANUAL FOR REVISED LOWER BRACKET

TEIN highly recommends that the lower brackets be swapped by a TEIN Authorized Dealer, or a certified mechanic. This Installation Manual is to be used in conjunction with OEM Service Manual or Repair Manual. Please replace both front lower brackets.

REQUIRED SPECIALITY TOOLS

- 1/2" Torque Wrench
- TEIN Spanner Wrenches which were included with the coilover kit. Some older kits include TEIN spanner wrenches which are not 1/2" drive compatible – in that case TEIN will provide one new Spanner Wrench for use with 1/2" torque wrench.
- Spray lubricant (WD40 or similar)

IMPORTANT

Please measure and record the position of the current lower bracket before removal. This measurement will be needed when installing the new revised brackets to maintain the same vehicle ride height.

CAUTION

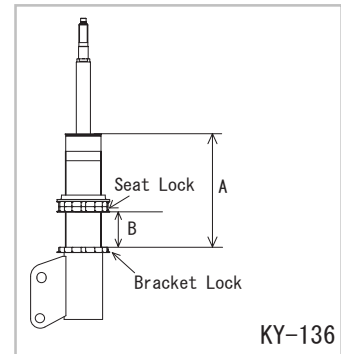
DO NOT use vise to hold any section of damper and or lower bracket. The pressure caused by the vice may damage the coilovers.

Follow the step-by-step instructions carefully.

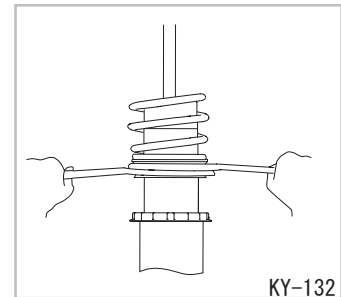
- 1) Measure B and A if possible for both driver and passenger side from Figure KY-136. Record the measurements.

Left	Right
Measurement B (Line 1) _____	_____

Measurement A (Line 2) _____
Measurement A is only used as a secondary reference

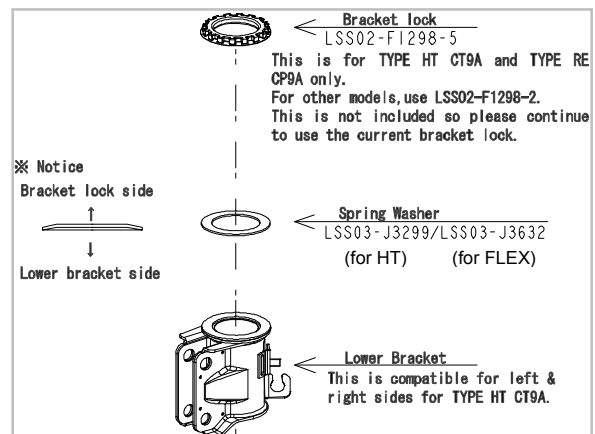


- 2) Re-tighten spring seat and spring seat lock only (Figure KY-132). Use a 1/2" drive compatible TEIN spanner wrench with a 1/2" torque wrench and any TEIN spanner wrench to torque the Seat Lock to 41.6 +/- 1.8 ft-lbs.
Note: This is done in preparation of Step 5. If the spring seat and seat lock are not tight, step 5 cannot be performed correctly



- 3) Loosen bracket lock.*
Note: Lower bracket lock must be loosened while on the vehicle
- 4) Loosen but do not remove the two knuckle bolts.
Note: This will relieve any stress or distortion on the coilover lower mounting bracket.

- 5) First try to turn the shock body by hand, if you cannot rotate the shock body then use the spanner wrench to turn the spring seat/ seat lock, which should rotate the damper body.
- 6) Remove the entire coilover assembly from the vehicle.
Note: trying to remove the lower bracket while the coilover assembly is still installed on the vehicle may increase chance of damage to ABS line, brake line, and drive axles.
- 7) Now with the bracket lock and lower bracket loose, it should be easy to completely remove the lower bracket*.



*Use a lubricant (WD40 or similar) to aid in removal of bracket lock and lower mounting bracket

