

REMOVAL / Car on ground:

- Remove Axle nut stake with chisel/punch.
- Break Axle nut free. Original has 30mm nut. Aftermarket has 1-1/16 in. nut.
- Break wheel lugs free.

Wheel off ground:

- Remove wheel.
 - Remove Brake caliper with pads in place and tie up out of the way.
 - Remove ABS sensor and move the cable to the back.
 - Remove caliper mount nuts and bolts.
 - Remove tie rod end castle nut pin.
 - Remove tie rod end castle nut.
 - Remove transmission drain bolt and drain transmission.
 - Separate tie rod end from spindle.
 - Remove axle nut.
 - Without removing ball joint, swing knuckle away from axle and down out of the way.
 - Put a pry bar between CV axle and transfer case and force axle out of transfer case.
 - Optional: Remove transmission output shaft oil seal with seal remover.
- Lubricate and insert new seal and tap in evenly when installing.

Notes for install:

Grease end of new axle specifically the end ring clip.
Line new shaft into transfer case and tap end of axle with soft hammer to seat new axle past the clip on the end of the shaft without damaging axle shaft threads.

Fill transmission from top through back up lamp assembly:

Remove air tubes from airbox and intake to engine. / Remove airbox if equipped / Remove MAF plug. / Remove airbox mounting plate. / Unplug connector from back up lamp assembly. / Unscrew back up lamp assembly. Mine turned out to use a standard size socket. / With a long funnel add 2 quarts 75-90 gear oi to transmission.

CHANGE CV AXLE 2004 SCION XB MANUAL TRANSMISSION

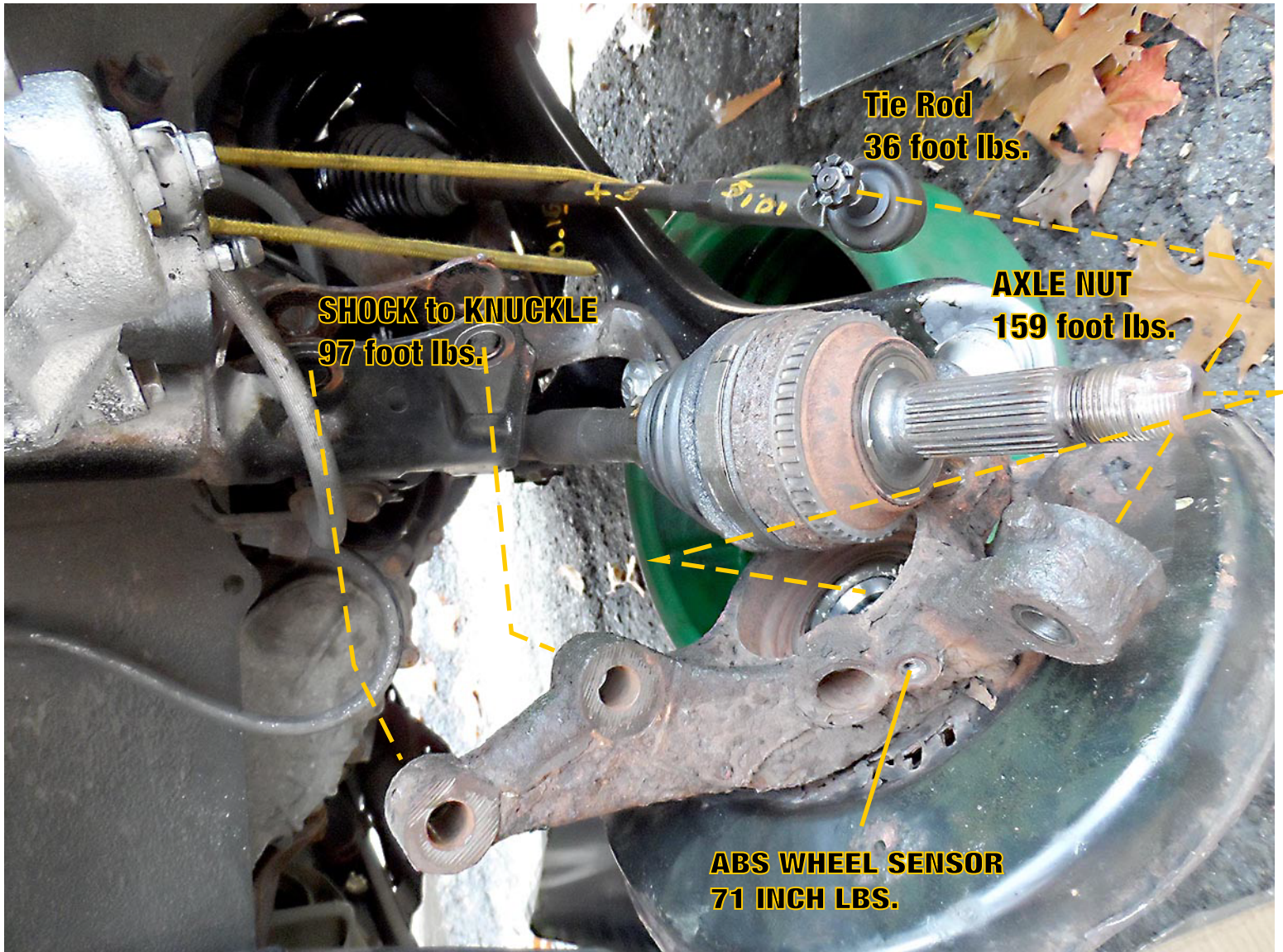
DISC BRAKE MOUNT
65 foot lbs.

WHEEL LUGS
67 foot lbs.

NO NEED TO DISCONNECT BALL JOINT

TRANS DRAIN
29 foot lbs.

BACK UP SWITCH (FILL FOR TRANS)
30 foot lbs.



BRAKE CALIPER to SLIDE PINS
25 foot lbs.

BRAKE LINE
22 foot lbs.

BALL JOINT
72 foot lbs.