

IXIZSTRUCTIONS



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PACKING LIST

IxizShift – Short Shifter (set at 30% reduction)

Options – ixizweight (weight 135g) / ixizbootcollar (shift boot holder and locknut)

Ixizstructions (via Email / PM)

IXIZSHIFTSTRUCTIONS

Tools Required	<p>Needle nose pliers Large regular screwdriver 2X 12mm wrenches Dead-blow hammer Grease OPTIONal: Torque wrench</p>
Removal of OEM shifter	<ol style="list-style-type: none">1. Remove shifter knob2. Reach under shifter boot on the rear section and gently lift up [Exposing OEM shifter]. Place shift boot on the side, not required to be fully detached3. Remove the Rubber Boot – Staples and 4x White plastic screws (not on all cars)4. Remove the 12mm nut and bolt from shift linkage (using the 2 wrenches)5. Detach the shift linkage from the Shifter post.6. Pull the OEM shift Lever back, rotate it 180deg and using the rim of the socket as a pivot. Push the threaded end down till the ball is out of the socket (pops out).7. Inspect to make sure there are no foreign particles in the socket.8. Remove the metal tube (sleeve) from the two bushings by pushing it out from the OEM bushings9. Remove the two bushings (dark blue) (will be reused).
Installation of IxizShift II	<ol style="list-style-type: none">10. Lightly grease the bushing and insert the 2 bushings into the ixizshift II shifter body (It's easier to install it now). Insert the sleeve into the bushing.11. Apply grease liberally into the socket and on the ball. Insert ixizshift II main shaft's ball into socket, by placing the ball of the shifter at the entrance of the socket. Use a dead-blow hammer and hit the top of the shifter to seat the ball into the socket. It's normal, for newer cars that the socket is stiffer and may require more hammering force.12. Once inserted, confirm the front end of the shifter body (bushing end) faces the front of the car.13. Align the U joint bolt hole of the shifter linkage and the shifter body & bushings.14. Lightly apply grease on the non threaded part of the 8mm bolt and insert into the sleeve (through the shift linkage fork).15. Tighten the nut. Do NOT over tighten the nut. [Torque Specs: 12Nm 8.7 Ft.lb]16. Test the New IxizShift and verify the improvements.17. Reattach the original Rubber boot (staples not required)18. Reattach the lower center console and reattach the knob

IXIZSHIFT II ADJUSTMENTS

Tools Required	8mm socket (1/4 drive) 19mm Open wrench
SHIFT THROW % ADJUSTMENTS	<p>The initial short throw reduction of the ixizshift II has been set during production to approx 25% reduction from stock. The adjustments bolt are carefully tightened and aligned. There are 3 alignment marks on the shifter body for reference. 0% OEM setting) 25% and 35%. Ixizconcept does not recommend setting beyond the recommended settings. At 25% throw reduction some vehicles will require additional modifications to the metal plate that houses the 4 pins for the rubber boot.</p> <p>Plate modification – Grind the top left corner of the plate that holds 1 of the 4 pins till the shift linkage does not rub against it during shift to 1st gear</p> <p>Shift throw adjustment (can be adjusted while shifter is on vehicle)</p> <ol style="list-style-type: none"> 1. Loosen the <u>2 fastening bolt</u> and slide up for more reduction or down for less reduction. The adjustment body only allows small adjustment amounts for security reasons and this is a safety feature not available on other short shifters. 2. Tighten the <u>2 fastening bolt</u> (confirm that it is tight) prior to usage. Use a torque wrench to tighten it to 85 in.lb or 10 Nm. <p>In order to adjust more than the recommended setting/throw reduction one of the two bolts needs to be fully removed to slide the adjustable body lower or higher. After adjustment the bolt needs to be securely fastened prior to use. Confirm that a minimum of one safety pin is within the shifter body</p>
SHIFT KNOB HEIGHT ADJSUTMENT	<p>The proper installation of a shift knob is when its fully inserted into the top shaft. Ixizshift II allows this height to be adjusted via the top threaded shaft.</p> <ol style="list-style-type: none"> 1. Hold the adjustable body and main body of the shifter and loosen the top nut (and locknut of the ixizweight – optional) 2. Rotate the threaded shaft CW for lowering and CCW for increasing the final shift knob height – each turn is approx 1.2mm 3. After final adjustments secure the top nut (and the ixizweight locknut)
IXIZSWEIGHT [OPTION]	The brass weight is approx 135 grams and will provide the user an assisted shifter movement. The optional installation includes the brass weight and locknut
IXIZBOOTCOLLAR [OPTION]	The boot collar/locknut holds the shift boot for some aftermarket shift knobs and also acts as a locknut for fine adjustment of the shift knob (height and orientation)

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