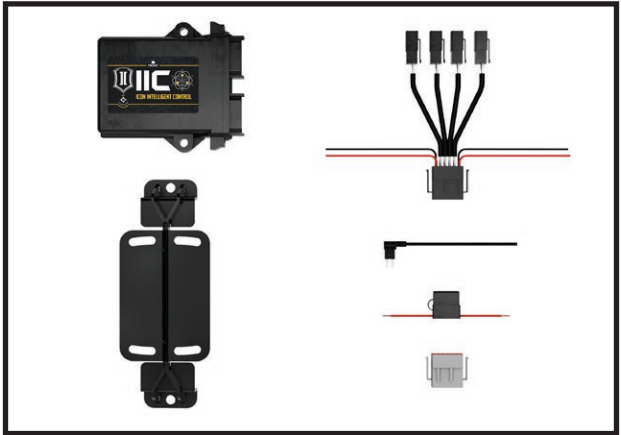


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PART #	DESCRIPTION
53507	05-15 TACOMA IIC INSTALL KIT

COMPONENTS INCLUDED	
(1) 254407 IIC MOUNT BATTERY HOLD DOWN (1) 255600 IIC CONTROLLER	(1) 255601 BLOCK OFF PLUG (1) 255602 WIRE HARNESS
HARDWARE INCLUDED	
(1) 255605-10 INLINE ATO FUSE HOLDER W/10 AMP FUSE (1) 255607 FUSE TAP LOW PROFILE MINI (3) 605052 1/4-20 NYLOCK NUT (2) 605069 1/4-20 X 1.25 BOLT (2) 605750 BUTT CONNECTOR (3) 605751 5/16 TERMINAL CONNECTOR (1) 605753 LOW PROFILE MINI FUSE 2 AMP	(1) 605760 WIRE LOOM 1/4" X 6FT (1) 605790 1/4-20 X 6.5" J-BOLT (1) 605926-BLK 5-1/2 X 0.14 NYLON CABLE TIE, BLACK PACK OF 100 (2) 605984 RUBBER STRIP 1" X 3" ADHESIVE BACK (6) 605985 CABLE TIE HOLDER ADHESIVE MOUNT
SUPPLIED WITH SHOCKS	
(1) 255604-06 6-FT WIRE (1) 255604-08 8-FT WIRE	(1) 255604-18 18-FT WIRE (1) 255604-22 22-FT WIRE
TOOLS REQUIRED	
TORQUE WRENCH WIRE STRIPPER WIRE CRIMPER FLUSH CUTS HEAT GUN	7/16 SOCKET / WRENCH 10MM SOCKET / WRENCH 12MM SOCKET / WRENCH 13MM SOCKET / WRENCH
TECH NOTES	
1. WIRE LENGTHS ARE MEASURED FOR A 4.0L CREW-CAB SHORT-BED. 2. GOLD WIRE COLOR IN FIGURES DENOTES BASIC WIRE PATH (FOR CLARITY) 3. SEE PAGE 8 FOR WIRE ROUTING DIAGRAM	



**WARNING!**

**\*\* READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!**

**\*\* ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.**

**\*\* ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLATION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.**

**INSTALLATION**

1. Disconnect the positive battery terminal using a 10mm.
2. Remove the factory battery clamp using a 10mm. [FIGURE 1 & 2]

FIG.1



FIG.2



3. Position the battery IIC mount battery clamp. [FIGURE 3]

FIG.3



4. Use the factory tension rod in front of the battery and the supplied tension rod behind the battery to secure the battery and mount. Use a 10mm and 7/16" to tighten.

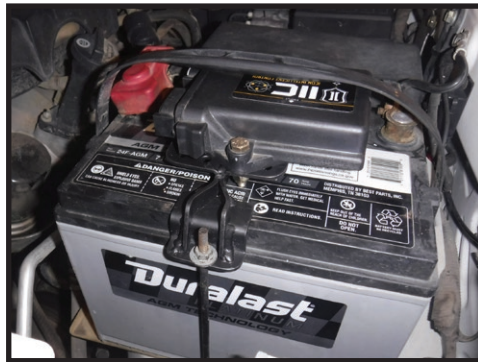
5. Remove the protective film and apply the rubber adhesive strips (PN: 605984) to the mounting surface. [FIGURE 4]

FIG.4



6. Connect the IIC to the mounting plate/battery clamp using the supplied 1/4 bolts (PN: 605069). [FIGURE 5]

FIG.5



7. Connect the block off plug (PN: 255601) to the grey plug of the IIC. [FIGURE 6]

FIG.6



8. Connect the wire harness (PN: 255602) to the black plug on the IIC. [FIGURE 7]

FIG.7



9. Use the supplied wire loom (PN: 605760) to hold the supply wires (2 black and 2 Red wires). Slide the loom up close to the connector of the IIC.

**10.** Route the loom down between the battery and the fuse box. [FIGURE 8]

FIG.8



**11.** Trim both black wires at the ground connection at the firewall. Strip the ends of the wires and crimp the terminal connectors on. Use a heat gun to activate the heat shrink. Connect both black GROUND wires to the ground on the fender using a 10mm. Trim wire loom to cover the black GROUND wires. [FIGURE 9]

FIG.9



**12.** Slip the red ACC wire out of the loom so it exits near the fuse box.

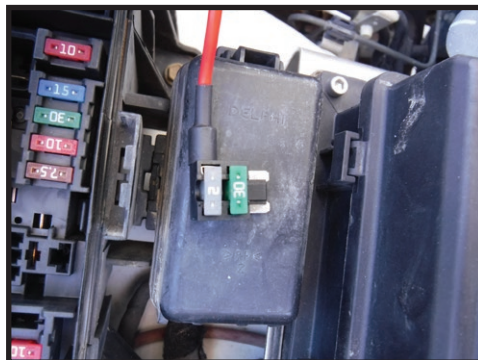
**13.** Remove the fuse box cover and locate the EFI NO 2 fuse. [FIGURE 10]

FIG.10



**14.** Insert the 30A EFI NO 2 fuse into the lower slot of the fuse tap. Insert the supplied 2A fuse in the upper slot of the fuse tap. [FIGURE 11]

FIG.11



**15.** Insert the fuse tap in the position of the EFI NO 2 FUSE.

**16.** Feed the red ACC wire up into the fuse box from the wire harness near the engine.

**17.** Trim the red ACC wire as necessary with enough length to connect to the fuse tap. Strip the end of the ACC wire and fuse tap wire and crimp a butt connector (connecting the 2 wires). Use a heat gun to activate heat shrink. [FIGURE 12 & 13]

FIG.12

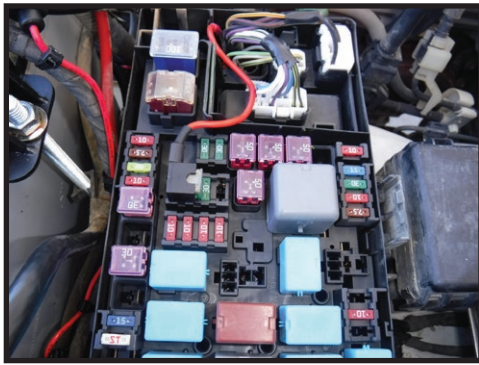


FIG.13



**18.** Connect the 6-FT wire to the Channel-4 plug. Run the wire over the driver side fender. Write DF (Driver Front) on both wire plugs with a marker.

**19.** Connect the 8-FT wire to the Channel-3 plug. Run the wire over the passenger side fender. Write PF (Passenger Front) on both wire plugs with a marker.

**20.** Connect the 18-FT wire to the Channel-2 plug. Run the wire over the driver side fender. Write DR (Driver Rear) on both wire plugs with a marker.

**21.** Connect the 22-FT wire to the Channel-1 plug. Run the wire over the passenger side fender. Write PR (Passenger Rear) on both wire plugs with a marker.

**22.** Route the 6-FT wire down along the inside of the driver fender and into the fender well in front of the reservoir bracket. Connect to the CDEV shock and zip tie excess wire up in a protected area. Be sure to leave some slack in the wire to ensure there is freedom of movement and the ability to unplug the wire from the shock. [FIGURE 14 & 15]

FIG.14



FIG.15



**23.** Remove the plastic clips and cover from the radiator support and fan shroud. [FIGURE 16]

FIG.16



**24.** Apply the 6 adhesive mounts to the lip of the radiator support evenly spaced along the radiator support. The adhesive mounts fit better if trimmed to size. [FIGURE 17]

FIG.17



**25.** Route the 8-FT wire along the radiator support and zip tie to the adhesive mounts. [FIGURE 18]

FIG.18



**26.** Trim the plastic cover to fit over the wire. Position the plastic cover and fasten with the plastic clips. [FIGURE 19]

FIG.19



**27.** On the passenger side, route the wire down into the fender well in front of the shock reservoir bracket. Plug into the CDEV-Shock and zip-tie the remaining wire. Be sure to leave some slack in the wire to ensure there is freedom of movement and the ability to unplug the wire from the shock. [FIGURE 20 & 21]

FIG.20



FIG.21



**28.** Route the 18-FT and 22-FT wires in front of the battery to the driver fender and along the fender to the firewall. Use zip-ties as needed to effectively secure the wires. [FIGURE 22]

FIG.22



**29.** From the firewall, route the 18-FT wire down to the back of the driver fender and follow the wire harness along the frame rail to the back fender. [FIGURE 23 & 24]

FIG.23



FIG.24



**30.** Plug into the CDEV-Shock and zip-tie the remaining wire. Be sure to leave some slack in the wire to ensure there is freedom of movement and the ability to unplug the wire from the shock. [FIGURE 25]

FIG.25



**31.** Route the 22-FT wire along the firewall following the factory wire harness, then route the wire down to the passenger side frame rail. [FIGURE 26 & 27]

FIG.26



FIG.27



**32.** Once you reach the passenger side frame rail, route the wire along the top of the frame rail. Continue zip-tying to the factory wiring harness as you go. [FIGURE 28 & 29]

FIG.28



FIG.29



**33.** Plug into the passenger rear CDEV-Shock and zip-tie the remaining wire. Be sure to leave some slack in the wire to ensure there is freedom of movement and the ability to unplug the wire from the shock. [FIGURE 30]

**FIG.30**



**34.** Reconnect the positive battery terminal using a 12mm.

**35.** Download the ICON INTELLIGENT CONTROL App on your device. Open the app and turn on the vehicle.

***VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.***

***RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.***

### ***ICON VEHICLE DYNAMICS LIMITED LIFETIME WARRANTY***

ICON Vehicle Dynamics warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. ICON Vehicle Dynamics does not warrant the product for finish, alterations, modifications and/or installation contrary to ICON Vehicle Dynamics instructions. ICON Vehicle Dynamics products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

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ICON Vehicle Dynamics components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty. Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.



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# WIRE ROUTING DIAGRAM: 05-15 Tacoma

