



## **SPOILER INSTALLATION INSTRUCTIONS**

**Note:** Spoilers are shipped with paper templates, except Toyota 4Runner and Toyota Matrix. These vehicles require an optional hard formed template that is not included in the kit. Contact your distributor for templates.

**NOTE: Drill bit size will be called out on templates.**

### **BASIC TOOLS/MATERIALS REQUIRED**

Drill Motor	Center Punch	Debur Tool
Torque Wrench	Clip/Panel Removal Tool	Rivet Gun
Eye Protection	Masking tape	Rust Preventative

### **Hardware Kit Contents**

Corolla Lip Spoiler	(3) 10mm hex head nut
Corolla Bridge Spoiler	(3) 10mm hex head nut, (2) T-Tap wire connector, (1) jumper harness, (18) Wire Zip Tie
Matrix Hatchback Spoiler	(2) 10mm hex head nut, (2) 1/4" hex head self-tapping screw
4-Runner Hatchback Spoiler	(2) 10mm hex head bolt, (2) 3/16" Rivet, (2) T-Tap wire connector, (1) Foam Pad
Camry Lip Spoiler	(4) 10mm hex head nut, (2) 10mm hex head bolt
Yaris Sedan Lip Spoiler	(2) 10mm hex head bolt, (1) 10mm hex head nut
Yaris Hatchback Spoiler	(2) 8mm hex head bolt, (2) lock washer, (2) washer
Sienna Hatchback Spoiler	(2) 8mm hex head self-tapping screw, (2) washer, (2) 10mm hex head nut

### **INSTALLATION PREPARATION**

1. Wear Eye Protection
2. Clean deck lid surface where adhesive tape will be applied is free from dirt and contamination by cleaning area with 50/50 solution of water & isopropyl alcohol solution.
3. Apply protective covers to vehicle in application areas.
4. Mounting surface temperature must be between 60–110 degrees F prior to attaching spoiler.
5. Remove Trunk liner in cars
6. Protect interior of trunk.



**Note: Always inspect spoiler for shipping damage, scratches and color match. Check for proper templates and hardware bag.**

1. Prepare and clean hatch or deck lid for template lay out. See Installation Preparation for cleaning procedure.
2. Use masking tape to secure template in proper location, instructions provided on template.
3. Carefully position template on trunk/lift-gate to ensure template is in proper location. Follow template instructions for taping down templates. Remove after center punch.
4. Using a 1/8" drill bit, pre drill all holes at marked locations. Final drill hole size as noted on template.
5. Deburr holes and rough edges. Vacuum metal shavings and rust proof all bare metal with Rust Preventative.
6. Dry fit spoiler to assure proper hole location.
7. Remove adhesive tape liners from spoiler, place spoiler over drilled holes, hand start nuts and/or screws to avoid cross threading.
8. Torque hand started nuts and/or bolts to recommended torque. See torque settings below.
9. If spoiler is equipped with brake light. Route spoiler brake light wires to appropriate vehicle circuit location and t-tap. See below for vehicle specific application.
10. Clean and inspect all parts of installation, check brake light is working properly.
11. Check to insure for proper trunk function without any interference.
12. Reinstall all trunk liners and/or retained parts.

### **Torque Settings**

- 8mm hex head bolt 25 in·lbs
- 10mm hex head bolt 25 in·lbs
- 10mm hex head nut 25 in·lbs
- 1/4" hex head self-tapping screw 20 in·lbs
- 8mm hex head self-tapping screw 20 in·lbs



## **3rd Brake Light Wire Routing & Attachment Instructions**

### **Corolla Bridge Spoiler**

- Route spoiler wiring through 19mm drilled hole in deck lid & insert grommet
- Connect jumper harness to spoiler wire harness and route to drivers side of trunk lid
- Remove drivers side trunk liner
- Continue to route harness down trunk hinge & towards drivers side brake light assembly
- Use a test light or Multimeter to determine correct wires to t-tap at vehicle brake light harness location
- Function test system to ensure spoiler brake light works properly
- Zip tie spoiler brake wire harness where needed & reinstall drivers side trunk liner

### **4-Runner Spoiler**

- Remove rubber harness plug on drivers side of lift gate
- Route spoiler wire harness through 3/4" drilled hole in lift gate & insert grommet
- Use a test light or Multimeter to determine correct wires to t-tap at drivers side vehicle lift gate harness location
- Function test system to ensure spoiler brake light works properly & reinstall harness plug