



INSTALLATION INSTRUCTIONS

P/N: 78740

UNIVERSAL REAR SPOILER KIT

The installation of this kit will allow you to increase the down force applied to the rear of your vehicle. This increased down force helps to plant the rear tires and increase stability as you travel down the track.

This kit must be trimmed to fit the intended application. Read all instructions thoroughly before beginning. By using the shipping box to make templates, you can fine-tune the shape of your spoiler before cutting the aluminum parts.

PARTS LIST

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|-------------------------------------|-----------------------------------|
| 1) Clear Anodized Spoiler | 1) Clear Anodized Spill Plate, LH |
| 1) Clear Anodized Spill Plate, RH | 1) Clear Anodized Trunk Bracket |
| 12) Clear Anodized Mounting Bracket | 2) Clear Anodized Support Rod |
| 60) 10-32 x 1/2" Buttonhead Screw | 60) 10-32 Locknuts |
| 4) 1/4" Rod End | 4) 1/4" x 1" Quick Release Pin |
| 4) 1/4"-28 Jam Nut | |

INSTALLATION

1. Determine the desired mounting location of the spoiler on the deck/trunk lid. Mark this position on the lid with masking tape using caution not to damage the lid.
2. Determine the width of the spoiler. This will typically be the width of the trunk lid or rear hatch. The spoiler must not be wider than the trunk lid but it may be narrower if desired.
3. Make a template of the trunk bracket and trim the template to fit the contour of your trunk/deck lid at the desired mounting location determined in Step 1. It may be necessary to notch the template in order for it to fit properly along the lid. This is especially true with lids that have a compound curve to them.
4. Transfer the template dimensions onto the Aluminum Trunk Bracket and trim to fit. Use a file to smooth the edge.
5. Clamp the bracket to the lid making sure it is straight and centered. Using a marking pen, layout your drill locations along the bracket so that the holes will be equally spaced (approx. 4" apart) and in line with each other.
6. Drill out the holes marked out on the previous step using a 3/16" drill bit. Drill through the bracket and the lid. If the lid has a double panel on the inside, you must counter bore the holes from the inside to allow access for the locknuts and socket wrench.
COUNTERBORE THROUGH THE INNER LID PANEL ONLY!
7. Trim the spoiler to the desired width. File the edges to eliminate burrs.
8. Place the trimmed down spoiler on top of the clamped down trunk bracket in the desired mounting location. Make index marks using the marking pen on both the spoiler and the trunk bracket.
9. Remove the spoiler and trunk bracket from the lid. Clamp the spoiler to the trunk bracket using the index marks to align them.

10. Using a marking pen, layout your drill locations along the bracket so that the holes will be equally spaced (approx. 4" apart) and in line with each other. Drill out the locations using a 3/16" drill bit.
11. Fasten the trunk bracket to the lid using the supplied 10-32 Buttonhead screws and locknuts.
12. Fasten the spoiler to the trunk bracket using the supplied 10-32 Buttonhead screws and locknuts. Bend the bracket to achieve the desired angle.
13. Make a template of the spill plates.
14. Position the template against the spoiler with the tab of the plate located under the spoiler. Trim the template to match the contour of the lid.
15. Trace the template onto the aluminum spill plates and trim to match.
16. Position the side panels on the spoiler with the tabs located under the spoiler and clamp in place. Drill two 3/16" holes equally spaced through the spoiler and spill plate tabs.
17. Fasten the spill plates to the spoiler using the supplied 10-32 Buttonhead screws.
18. Install a mounting bracket at the rear of the spill plate, under the spoiler. Attach using the supplied 10-32 Buttonhead screws.
19. Install a mounting bracket at the front of the spill plate, connecting it to the lid. Attach using the supplied 10-32 Buttonhead screws.
20. Determine the mounting locations for the two support rods. They should be positioned approximately 1/3 of the way in from each end of the spoiler. They may be fastened to the bumper or to the body as required.
21. Drill the mounting locations for the brackets on the spoiler using a 3/16" drill bit. Fasten in place using the supplied 10-32 Buttonhead screws and locknuts.
22. Measure between the support rod mounting locations. Cut the rods to the proper length keeping in mind the length of the rod ends. Make sure to cut the non-threaded end of the rod. Tap the end of the rod using a 1/4"-28 tap.
23. Thread the jam nuts onto the rod ends. Thread the rod ends into the support rods so that you arrive at the determined overall length. Tighten the jam nuts.
24. Install the support rods onto the mounting brackets using the quick release pins.
25. Swing the support rods forward so that the mounting brackets rest against the intended lower mounting location.
26. Drill the mounting locations for the brackets on the bumper of body using a 3/16" drill bit. Fasten in place using the supplied 10-32 Buttonhead screws and locknuts.

