Installation of any aftermarket equipment onto the rear spoiler of the Ford Explorer requires the upfitter/installer to follow specific factory recommended procedures and guidelines. Ford Motor Company has created a video specifically designed to demonstrate the techniques necessary for a proper and safe installation. This video should be viewed prior to beginning the installation procedure.

The components and materials needed to achieve this are found in Ford Spoiler Repair Kit (Part Number HB5Z-78442K03-A). This kit and the video (http://www.fordservicecontent.com/Ford_Content/videos/fsa/POLICE_LEAK_REPAIR_v4_HD_720.mp4) should provide the necessary information the upfitter/installer needs.

Here are some important things to keep in mind:

- Removal of the spoiler usually causes one or more retainer clips to break. Additionally, the integrity of the various seals may also become compromised by the spoiler removal procedure and must be replaced.

- The foam seal around the Liftgate Tower may not be re-used and must be replaced (Fig. 1). The repair kit includes a replacement foam seal as well as the supplemental seal to be installed as well. As shown in the video, remove any remnants of the existing foam seal. Position the supplemental foam seal under the wiring and wash line and adhere directly to the spoiler. IMPORTANT: Apply a generous bead of Motorcraft TA-2 sealant or equivalent over the vehicle and lighthead wires and washer line. While the sealant is still wet, install the Tower foam seal as shown in the video.

- Spoiler removal is likely to break or damage the spoiler retainer clips (Fig. 2). Replace all the existing clips and their seals with those included in the repair kit.

- Spoiler removal can potentially deform the liftgate retaining clip mounting holes. These mounting holes must be carefully straightened using a flat faced hammer (Fig. 3). Be sure that any raised distortions are hammered flush or below the original surface before reinstalling the spoiler.