

Lotus Installation Manual

Elise Front Splitter



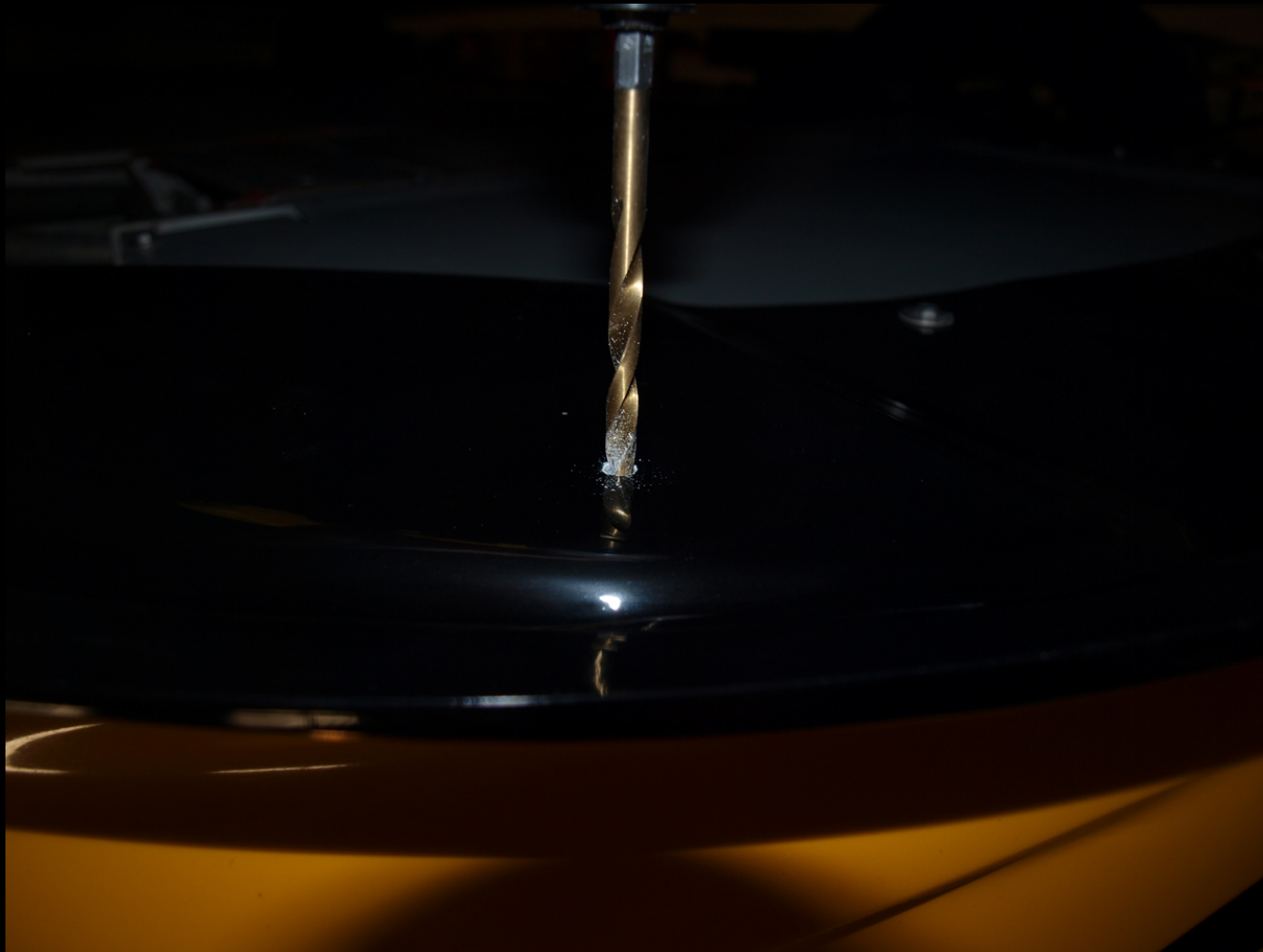
We consider this install to be a difficulty of 1 out of 5 with 1 being beginner and 5 being expert. Please read the entire manual before beginning to help ensure you do not get to a point you cannot handle and leave your car in a condition where you can not safely drive it to your dealer.



The first step is to lift the car to gain access to the underside of the front of the car. Since the wheels do not need to be removed either using the lift points near the doors or by using ramps. See your owners manual for lifting procedures. Once lifted remove the 3 bolts connecting the under tray to the front clam.



Place front splitter in position on the clam shell and insert 3 bolts along the back edge where the clam shell and the under tray connect. These will be hand tight and will hold the splitter in place for the next steps.



After the splitter is lined up with the front clam shell drill the 6 other mounting holes through the front clam shell using the splitter as your template being careful not to drill too far into the clam shell. You only want to drill through the fiberglass shell. The front splitter is pre-drilled with the size and locations of the holes. After the holes are drilled remove the splitter and set aside.



Remove the 3 bolts holding the rear edge of the under tray.



Remove the 3 bolts on both sides of the under tray.



Remove the under tray and set aside.



Place the center bracket under the clam shell in position. Notice the bolt in the bracket. The ends of the bolts are used to locate the bracket on the clam shell using the holes you drilled using the splitter as a template. Either hold or tape the bracket in place and drill pilot holes using the bracket as a template. Use a small drill bit smaller than $\frac{1}{8}$ " or you will remove the threads in the bracket.



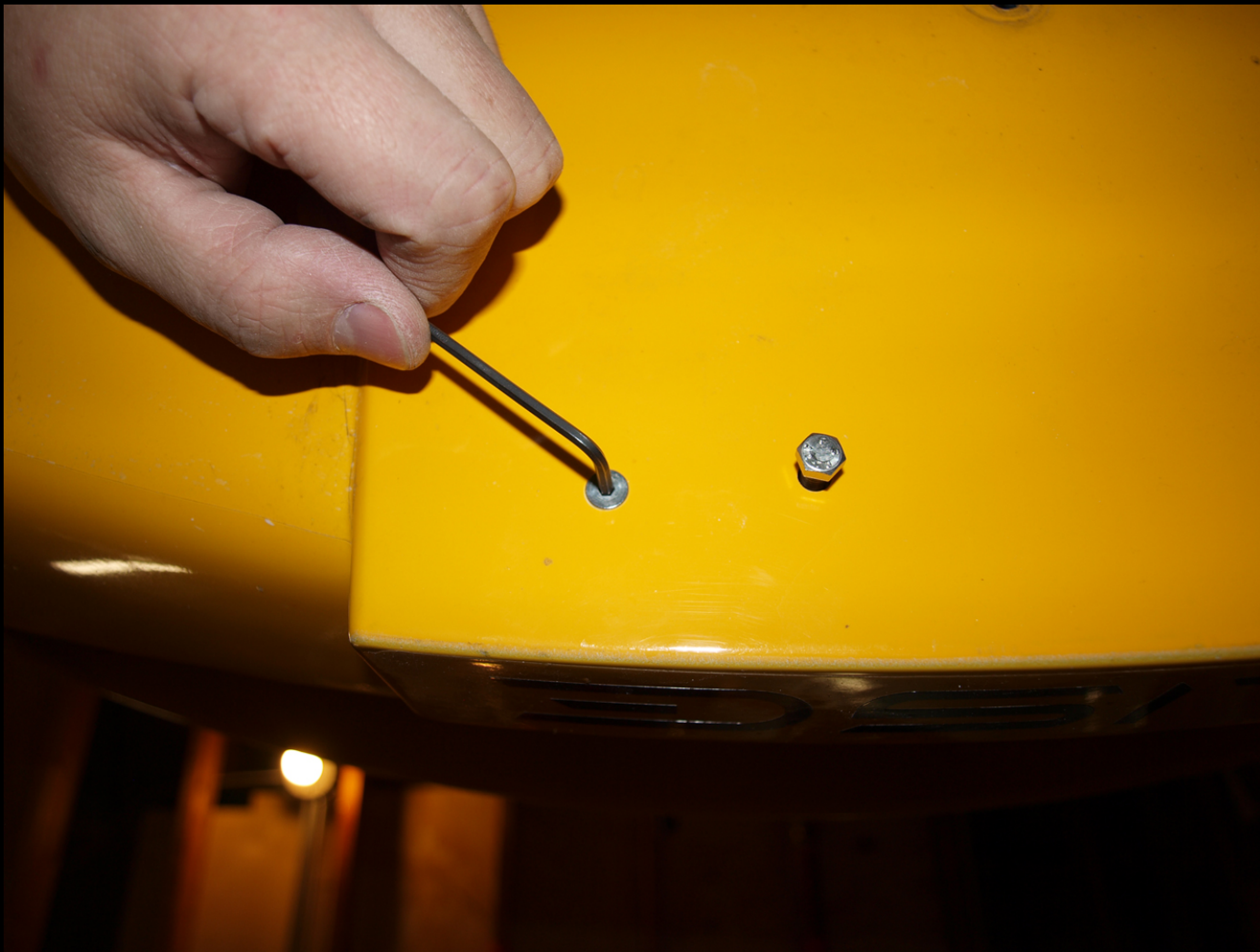
Using the same process as the center bracket repeat the process on the side brackets using the bolts to locate them on the clam shell and drill the 2 pilot holes for each bracket. Line the bracket up as in the picture with one edge parallel to the lip of the clam shell. This ensures that the bracket sits flat and does not end up being wedged along the inside lip of the clam shell.



Enlarge the 6 pilot holes for the 3 brackets with a $\frac{1}{8}$ " drill bit.



Use a counter sink bit on the pilot holes to taper the holes for the flat head bracket screws. Test fit the screws and taper the holes until the screws are flush. Take many quick passes with the bit rather than trying to get it in one or two passes. If you have never used a counter sink bit before practice on a piece of scrap wood or plastic to get some practice.



Place the center bracket inside the clam shell so it sits flat and line up the holes. Partially insert the 2 mounting screws to hold it in position and insert the 2 small flat head screws and tighten. Remove the 2 mounting bolts and set aside. Follow the same process for the side brackets. All 6 of the flat head screws should now be tight and flush and the 3 brackets in place.



For your preference and convenience there are 2 options for the wheel well mounting of the front splitter. The picture above shows the washer and lock nut being used. If you plan on removing/replacing the front splitter on a semi-regular basis you may want to make a small notch in the clam shell and use the u-nuts which are included in the kit. The notch will be the same as the notches in the aluminum brackets which simply let the u-nuts line up with the holes.



Replace the aluminum under tray using the OEM fasteners and tighten all of the fasteners except for the 3 bolts that attach the under tray to the clam shell. Place the front splitter into position and insert the 3 bolts and fender washers as in page 3 of this manual. Insert all of the bolts and washers and tighten once the splitter is aligned with the clam shell. The picture above shows the unique washers and how they are used on each end of the splitter in the wheel wells. Page 13 of this manual gives the two options for the ends.



Now that the bracket kit is fully installed if you ever need to replace the front splitter you can order a replacement at a discounted price and install a replacement in minutes as the holes will match up with your original splitter. This allows for race and street versions, easy replacement, multiple color options and more. Thank you for purchasing our product and enjoy your new more aggressive look.