

Part # 4465 2015-2017 Ford Mustang Stalker Front Conversion

**Notice: Install new, painted parts according to these instructions!
Altered Parts are Non-Refundable!**

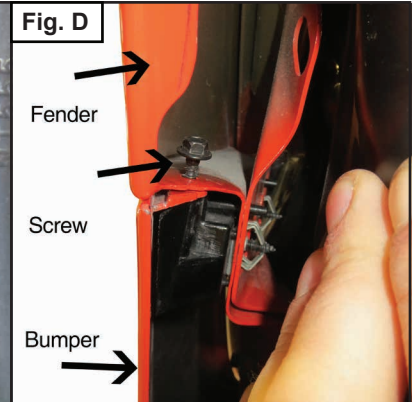
Step 1 Tools: 8mm Socket, 7/32" Socket, .25" Drive Ratchet

Using a flat head screw driver, remove the push pins that hold the radiator cover in place and then remove the radiator cover. Remove six, 8mm screws attaching the front bumper to the car as shown in Fig. A. Remove two, 7/32" screws next to each headlight under the rubber seal as shown in Fig.B.



Step 2 Tools: 7mm Socket, .25" Drive Ratchet

Using a flat head screw driver, remove three plastic push pins in each wheel well as shown in Fig. C. To access a screw behind the left side wheel well plastic shield, you will need to turn the wheel all the way to the right side, pull the plastic wheel well back to gain access to the 7mm screw that holds the bumper to the fender, as shown in Fig. D (a ratchet wrench will work best to remove this screw). Repeat on right side. Turning the wheel in the opposite direction to gain access.



PART # 4465		
QTY	DESCRIPTION	HARDWARE #
1	1/2", 2 SIDED TAPE	TAPE/DS/.5
1	1/4", 2 SIDED TAPE	TAPE/DS/.25
1	CENTER SCREEN	SCREEN 037
2	SIDE SCREENS	SCREEN038
12	MOUNTING BRACKET 071	BRACKET 071
40	SHORT BLACK SCREWS	PHL/PH/BL/.375
2	SILVER SELF TAP SCREWS	PHL/PH/ZN/.75
2	SPEED NUT	CLIP/BL/SCREW
2	LARGE PLASTIC SCREW PUSH PIN	TRIM RETAINER (L)
2	LONG BLACK SCREWS	PHL/PH/BL/1.0

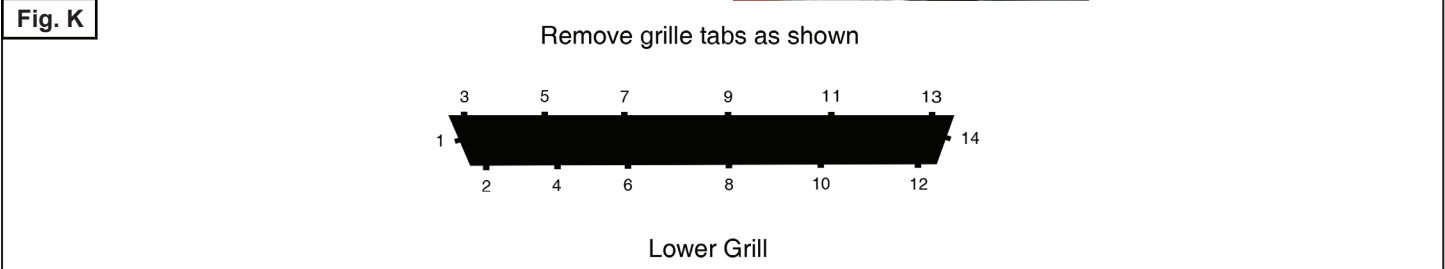


TOOL AND MATERIALS LIST	
QTY	DESCRIPTION
1	.25" DRIVE RATCHET
1	7MM SOCKET
1	8MM SOCKET
1	7/32" SOCKET
1	PHILLIPS HEAD SCREWDRIVER
1	FLAT HEAD SCREWDRIVER

Step 3	Tools: 7mm Socket, .25" Drive Ratchet	Fig. E	Fig. F
<p>Remove twelve, 8mm screws that attach the lower splashpan to the bumper and chin spoiler as shown in Fig. E & F.</p>			

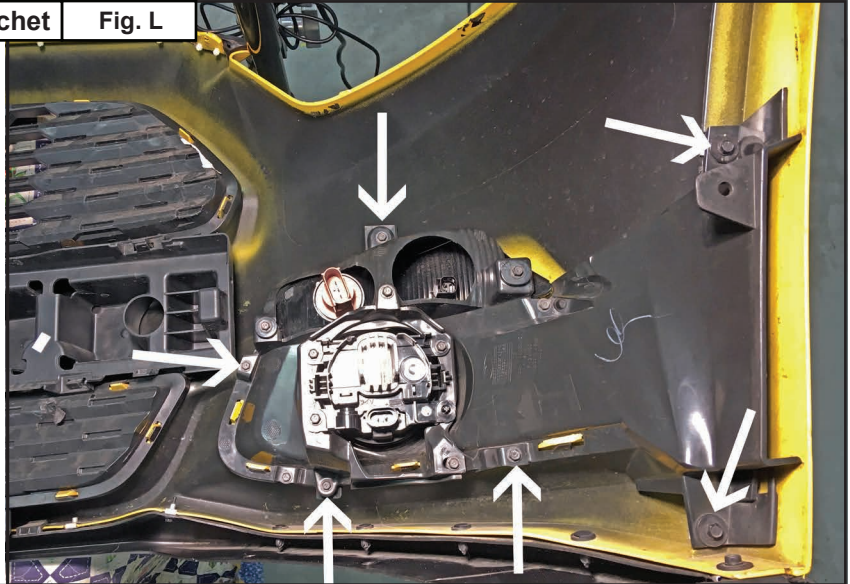
Step 4	Fig. G	Fig. H
<p>Two people will be required to remove the front bumper from the car. A cloth covered stand is needed to place the painted bumper on. Pull up on the front ledge of the bumper to clear the line up plastic dowels on the reinforcement of the car as shown in Fig. G. While staying clear of the dowels, pull out on the bumper where it meets the fender to unsnap the bumper from the fender as shown in Fig. H. With the bumper pulled away slightly, unplug the blinker and fog light harnesses. Now place the bumper on a stand with the painted surface on the towels.</p>		

Step 5	Tools: Flathead Screwdriver	Fig. I	Fig. J
<p>Remove the center plastic 8mph impact bar. This will be reinstalled in Step 10. To remove the grilles you will need to have 2 people working on this and 2 large flat head screw drivers. In order to unlock the tabs holding the grilles in place it is best to work on 2 tabs close together at the same time. Starting on one side of the grille apply pressure to the tabs as shown in Fig.I. Then place your finger tips under the grille and pull upward as shown in Fig.J. You will need to unlock the tabs on one side and work your way to the other side. The order in which you should remove the tabs is illustrated in Fig. K.</p>			

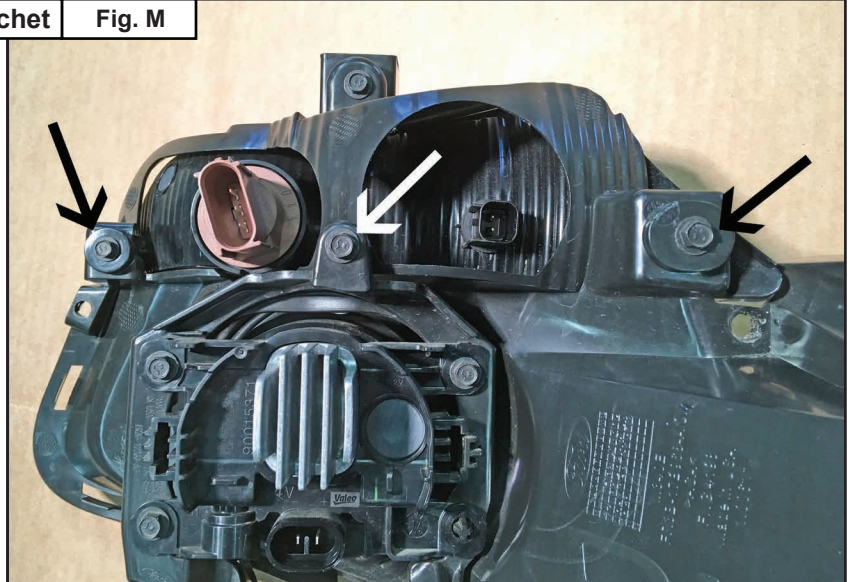


Step 6 | **Tools: 7mm Socket, .25" Drive Ratchet** | **Fig. L**

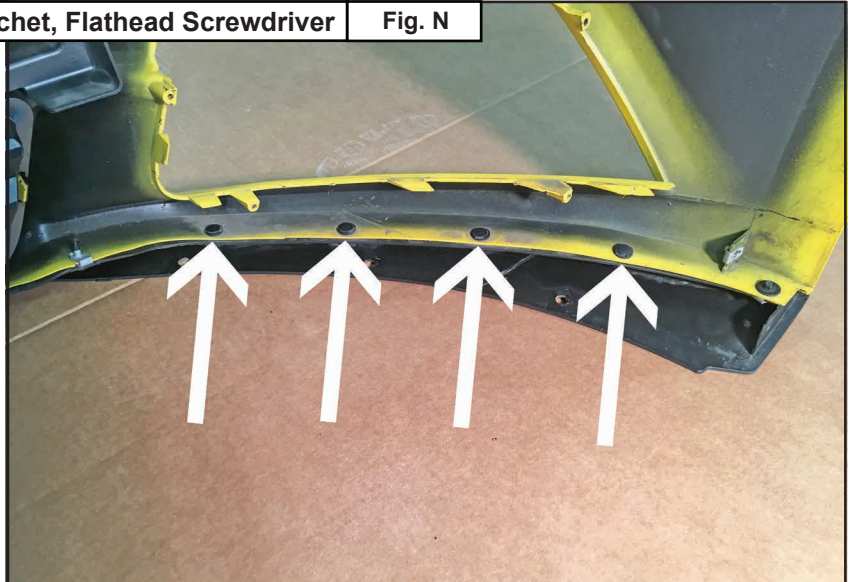
Remove 6 screws that hold the fog light housing and the signal light to the factory bumper as shown in Fig. L. These screws will be used later in step 15. Next release the locking tabs with a flat head screw driver to remove the housing. Repeat this step on the other side.

**Step 7** | **Tools: 7mm Socket, .25" Drive Ratchet** | **Fig. M**

Remove 3 screws that hold the signal light to the fog light housing as shown in Fig. M, these screws will be used later in step 15. Repeat this step on the other side.

**Step 8** | **Tools: 7mm Socket, .25" Drive Ratchet, Flathead Screwdriver** | **Fig. N**

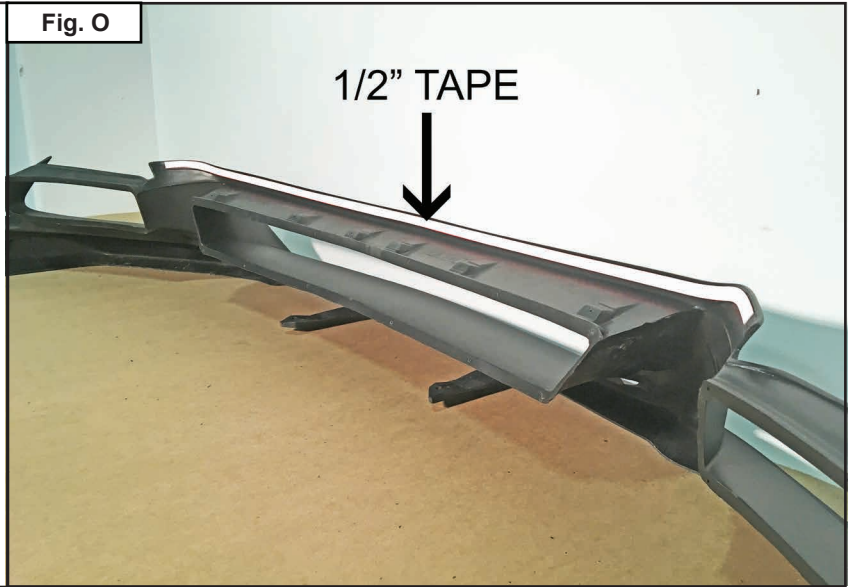
Remove 2 screws and 4 push pins on each side of the chin spoiler as shown in Fig. N, and then remove the chin spoiler from the bumper.



Step 9 **Tools: Razor Blade**

Clean the backside of Part # 4465A with isopropyl alcohol in the location the 2-sided tape will be installed. Install 3M, 2-sided tape as shown in Fig. O, along the guideline 1/8" away from the top edge and trimming the tape 1" from each end.

Fig. O



Step 10

After 4465BL, 4465BC, and 4465BR are painted, clean the backside portion of the painted parts in the location the 2-sided tape will be installed. Install 2-sided tape as shown in Fig. P1, P2 and P3, along. Pay attention to the diagrams below to ensure the correct tape width is used on each section.

Fig. P1

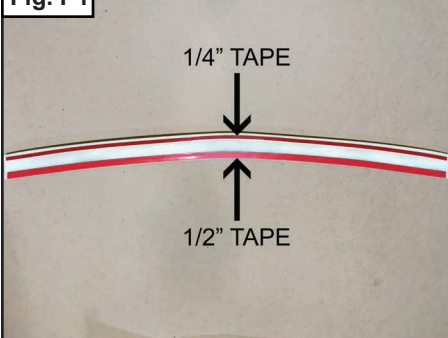


Fig. P2

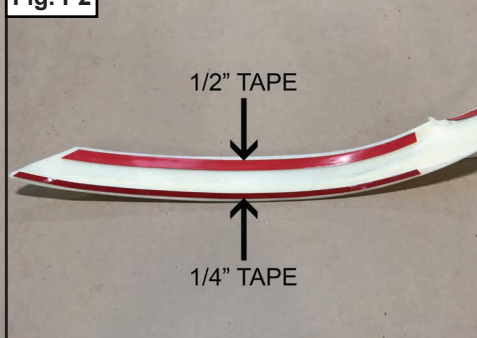
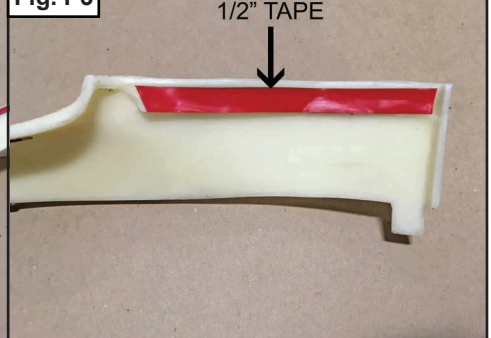


Fig. P3



Step 11 Tools: Phillips Screwdriver, Tape

Install 4465BL & 4465BR: Start with 4465BR by peeling back about 2" of the red backing and using some masking tape secure them as shown in Fig. Q1. Clean the area of 4465A where the 2-sided tape will contact with isopropyl alcohol. Slide the front edge into the opening as shown in Fig. Q2, then lift the rear portion and set it in place as shown in Fig Q3. Install the supplied short black screws to secure 4465BR to 4465A# shown in Fig Q4. Repeat these steps on the other side.

Fig. Q1

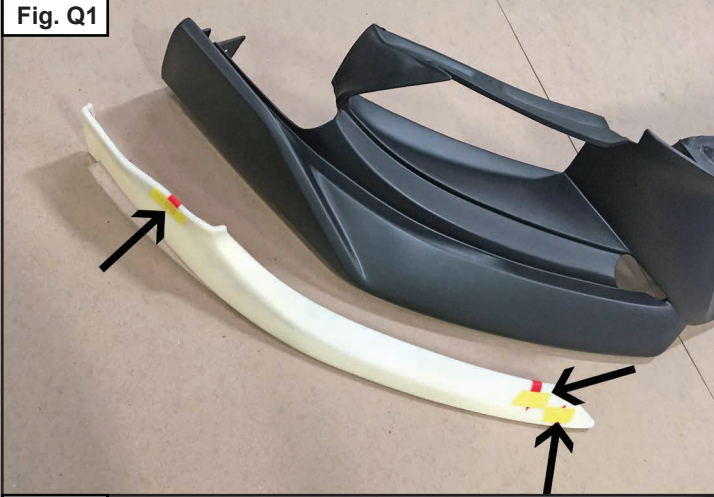


Fig. Q2



Fig. Q3

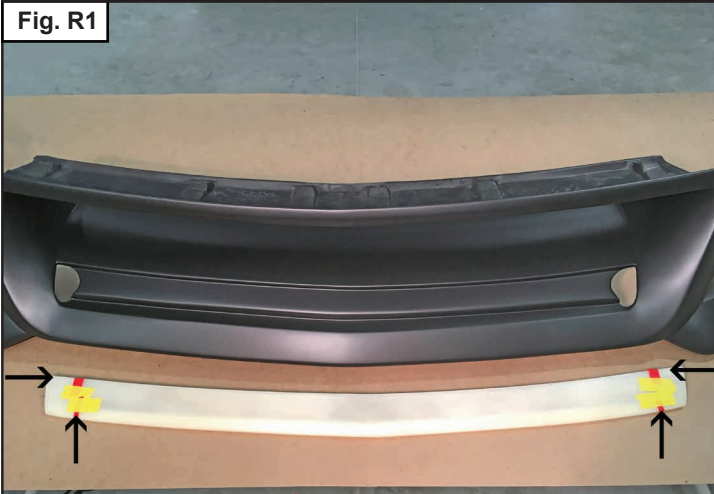
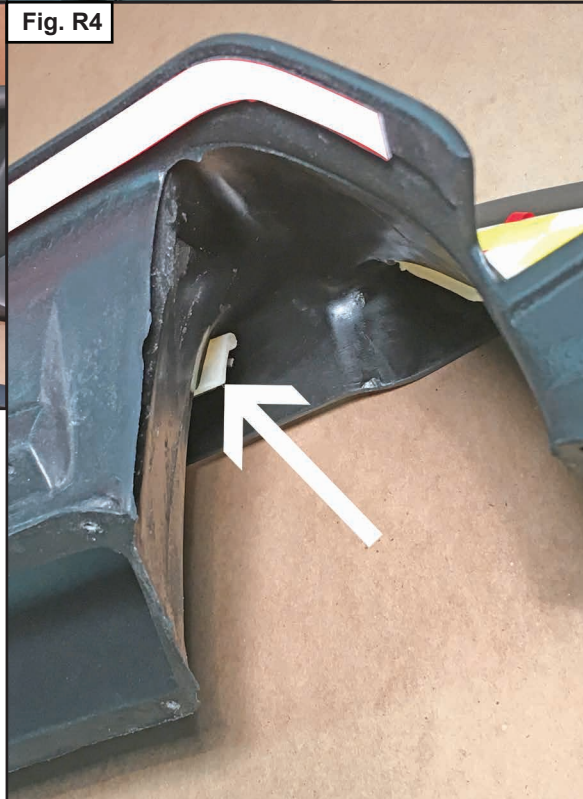


Fig. Q4



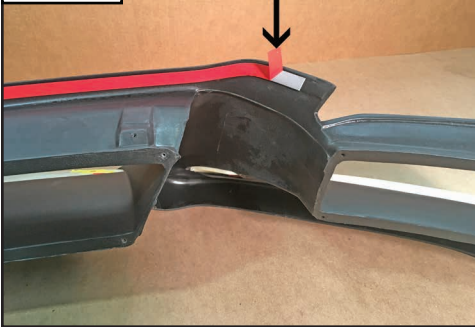
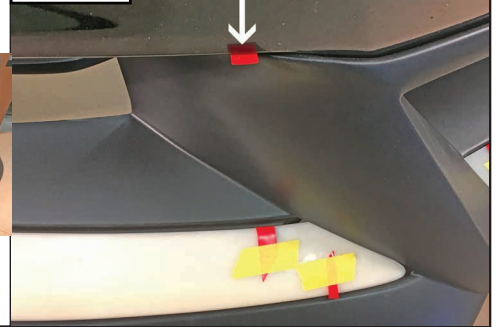
Step 12 | **Tools: Tape**

Install 4465BC: Peel back about 2" of the red backing on each end and using some masking tape to secure them as shown in Fig. R1. Clean the area of 4465A where the 2-sided tape will contact with isopropyl alcohol. Slide the front edge into the opening as shown in Fig.R2, then lift the center to bow the part and slide the other end in as shown in Fig. R3. Visually inspect the backside of 4465A and make sure the center part is even from left to right as shown in Fig. R4.

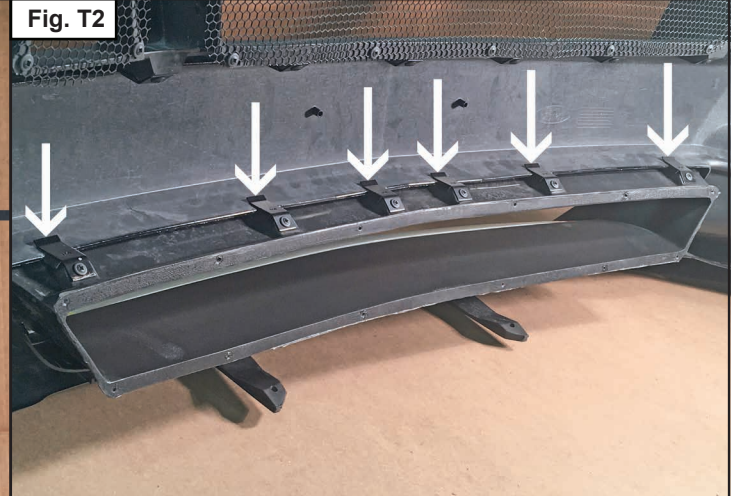
Fig. R1**Fig. R2****Fig. R3****Fig. R4**

Step 13

Two people are required for this step. Peel back about 1" of the 2-sided tape previously installed in step 9 as shown in Fig. S1. On a flat clean surface insert the factory bumper into the Stalker Front end as shown in Fig.S2; make sure the tape backing is accessible as shown in Fig. S3.

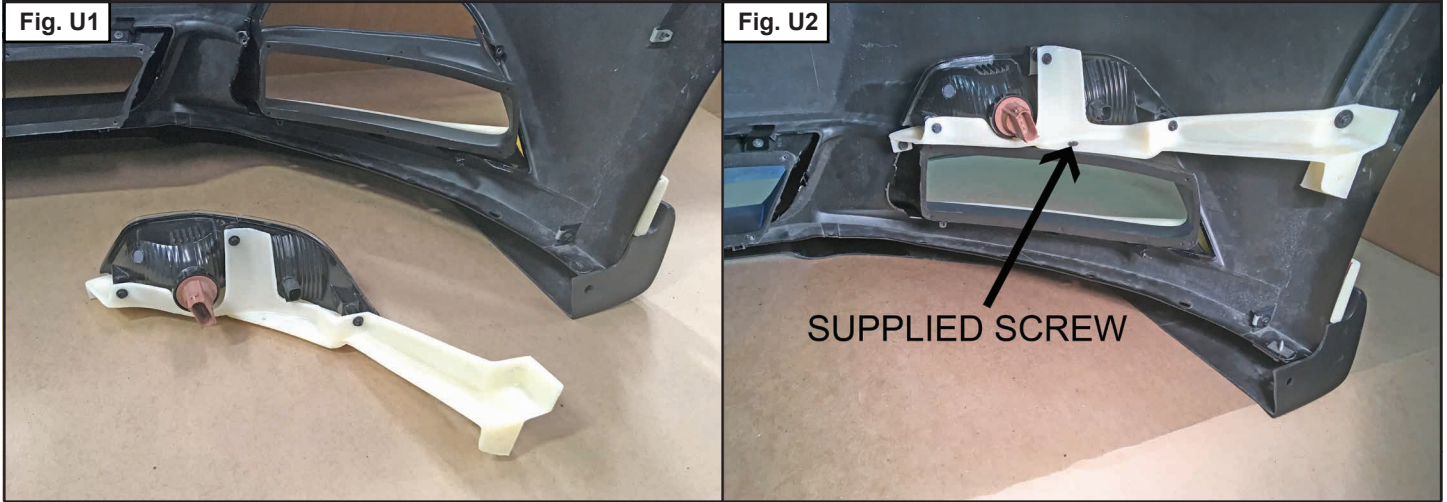
Fig. S1**Fig. S2****Fig. S3****Step 14** **Tools: Phillips Screwdriver**

Once the Stalker front is in place on the factory front bumper, install the provided speed nut onto the factory bumper tab, with the flat side facing the stalker bumper. Next install the provided silver screws by passing a screwdriver through the access hole in the bottom of the stalker spoiler as shown in Fig. T1. Install the 6 upper mounting clips as shown in Fig. T2.

Fig. T1**Fig. T2**

Step 15 | **Tools: 7mm Socket, Flathead Screwdriver**

Install 4465CL & 4465CR: Use the factory screws removed in step 7 to mount the signal lights to as shown in Fig. U1. Use the factory screws removed in step 6 and one PHL/PH/BL/.375 short black screw provided in the hardware packet to mount the newly assembled signal light and bracket to the bumper as shown in Fig.U2.



Step 16 Tools: Phillips Screwdriver

Use the provided short black screws (PHL/PH/BL/.375) to install the hex screen to the center and side openings as shown in Fig. V1 and V2. Next, place the bumper onto the car and install the factory top screws along the radiator support to secure the bumper to the car. Snap the sides into place and secure with the factory screws. Install the 6 lower opening mounting brackets as shown in Fig. V3. Install the factory push pins in each wheel well along with the new push pins supplied in the hardware packet as shown in Fig. V4.

Fig. V1

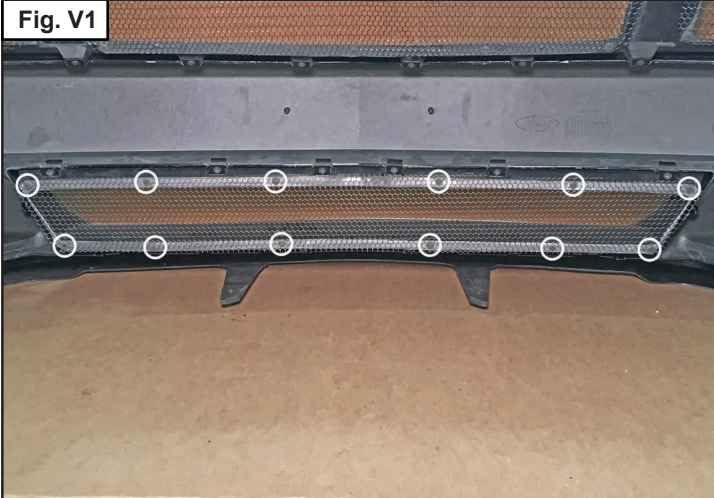


Fig. V2



Fig. V3

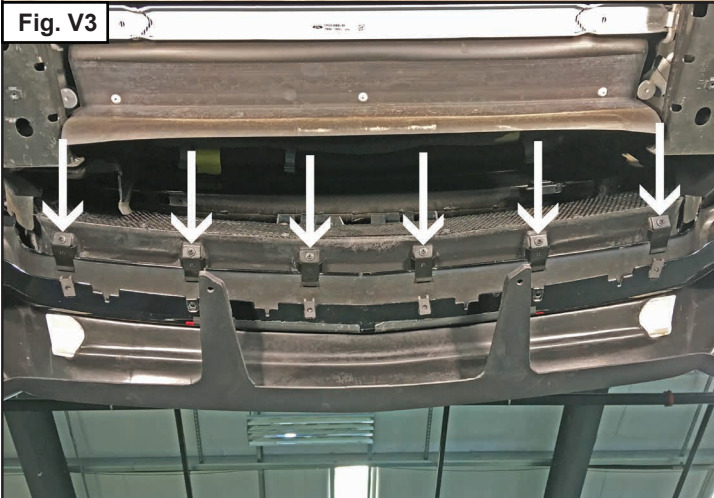
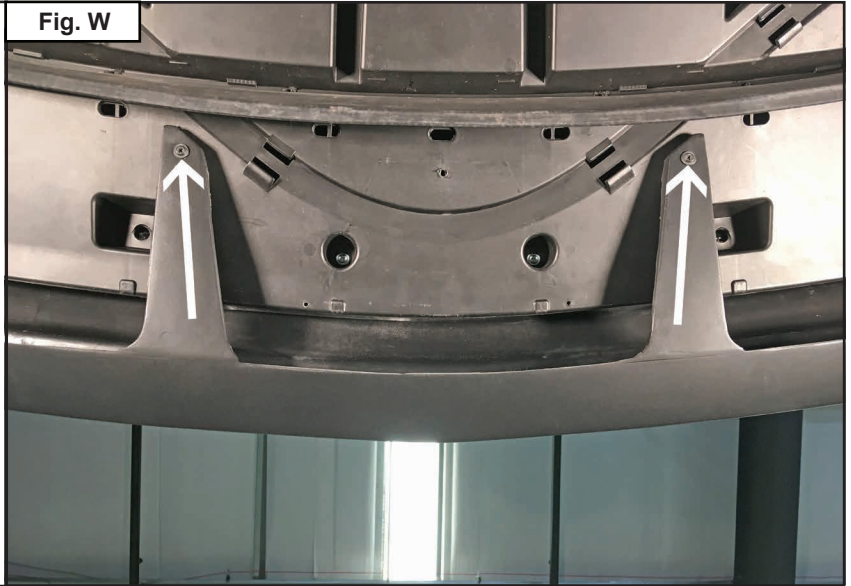


Fig. V4



Step 17 **Tools: Phillips Screwdriver**

Reinstall the lower splash pan leaving the 2 supports braces exposed. Install the 2 long black screws into the support braces and into the splash pan as shown in Fig. W.

Fig. W

Step 18

Attaching the tape: Taping to the factory bumper: While applying pressure with your fingers on the factory bumper as shown in Fig.X1, pull the red backing slowly away till you get to the middle of the part. Repeat this same procedure for the other half.

Taping left and right painted pieces: push the factory bumper away from the tape as shown in Fig. X2 then remove the red backing and stick the part to the bumper work from the front of the part to the rear. Then remove the remainder of the red backing on the front of the part as shown in Fig.X3 and stick the part working from the part that was just attached to the center of the bumper.

Taping the center painted piece: remove the red backing as shown in Fig. X4 and stick the painted part to the bumper starting in the middle and work you way to the outer edge.

Fig. X1



Fig. X2



Fig. X3



Fig. X4



URETHANE PAINTING INSTRUCTIONS

VERY IMPORTANT: The following painting procedures MUST be followed EXACTLY for PROPER ADHESION and to prevent fish eyes.

1. To remove any mold release contaminants, clean the back of the part first. Using 2 new clean rags, saturate the first rag with plastic prep cleaner* and begin cleaning. Then use the second rag to remove the prep cleaner. Continuously fold both rags to their clean sides during the process. Use 3 sets of new rags throughout the process. This prevents mold release contaminants from transferring to the painted surface.
2. Repeat step one on the front of the part.
3. Rinse the part with water. Apply a generous amount of Ajax® or sand fix* to a red scuff pad* (3M Scotch Brite Brand) and scrub the surface to be painted THOROUGHLY (especially where the 2-sided tape is installed, on the back side of the part, and all the hard to reach areas). Then rinse with water and dry. The scrubbed surface should be dull. If any shiny spots show, repeat the process on those areas.
4. Using another set of clean new rags, again clean the surface to be painted with plastic prep cleaner.
5. Spray the surface to be painted with adhesion promoter* including the areas where the 2-sided tape is installed (follow the instructions on the can for application and drying time).
6. Apply 3 to 4 coats of urethane primer* with flex additive* (follow the instructions on the can for application and drying time).
7. Wet sand primer with 600 grit sandpaper. Be careful not to sand through the primer. If you do, you MUST clean those areas with plastic prep cleaner, apply adhesion promoter and prime. Once the primer has dried, wet sand the areas that were touched up. Your surface is now ready for paint.

* These items can be purchased at any auto body supply store.

NOTE: Make sure you PRIME and PAINT the areas where the 2-sided tape is used as you would if it was the outside of the part. The tape adheres best when it is applied to a painted surface.

