



# PATENT PRODUCT


## Grille Installation Instruction

Rev. 200801

|              |            |                    |                                                 |  |  |  |
|--------------|------------|--------------------|-------------------------------------------------|--|--|--|
| <b>Part#</b> | GR06FGG73J | <b>Application</b> | <b>For 2006-2012 Ford Ranger FX4 / XL / XLT</b> |  |  |  |
|--------------|------------|--------------------|-------------------------------------------------|--|--|--|

| <b>Parts List</b> | Item | Part Name       | QTY | Description     | Item | Part Name                 | QTY | Description  |
|-------------------|------|-----------------|-----|-----------------|------|---------------------------|-----|--------------|
|                   | 1    | Billet Grille   | 7   | Stainless steel | 8    | Phillips Screws           | 16  | 6# × 1 "     |
|                   | 2    | Long Flat Tabs  | 2   |                 | 9    | Flange Nuts               | 22  | 6#           |
|                   | 3    | Short Flat Tabs | 4   |                 | 10   | Phillips Screws           | 6   | 6# × 1.5 "   |
|                   | 4    | U-Nuts          | 2   | 8#              | 11   | Truss Head Tapping Screws | 2   | 8 × 1 "      |
|                   | 5    | Nuts            | 2   | 1/4-20          | 12   | Bolts                     | 2   | 1/4-20X3/4 " |
|                   | 6    | 'Z' Brackets    | 2   |                 | 13   | Tabs                      | 2   |              |
|                   | 7    | Lock Washers    | 2   | 1/4 "           |      |                           |     |              |

**Install Notes:** Overlay  Replacement  Drill  Cut

| Step | Description                                                                                                                                             | illustration                                                                        |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1    | Identify the grille & hardware with parts list.                                                                                                         |  |
| 2    | Start with the upper pieces. Pop Hood, remove plastic shroud at the top and set fasteners aside.                                                        |                                                                                     |
| 3    | Optional: Using factory instructions, remove the entire front grille shell (as pictured in all Figures).                                                |                                                                                     |
| 4    | Position the central four pieces of billet grille onto grille shell cavity (Figure 1), then mark spots through the holes on the tabs of billet grilles. |                                                                                     |
| 5    | Using a Driller to drill holes at those marked spots (Figure 2).                                                                                        |                                                                                     |






**Figure 1 – Front View of positioning Billet Grille**



**Figure 2 – Drill holes on the grille shell**

The instruction here is for your reference only. You may need to bend the billet grille bars or tabs a little bit to adjust to fit. We strongly recommend the professional installer for best result. Please use masking tape and tape the OEM grille shell along the edge to protect your vehicle during installation. We are not responsible for any damage caused by the installation. Thank you for choosing our product!

| Part#                                                                              | GR06FGG73J                                                                                                                                                                                                                                                                                                                            | Application                                                                          | <b>For 2006-2012 Ford Ranger FX4 / XL / XLT</b> |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------|
| 6                                                                                  | Loosely attach the central left billet grille by holding the long flat tabs behind factory grille shell and inserting the Phillips Screws (from the front) through the billet grille holes and flat tabs, secure them with flange nuts provided (Figure 3).                                                                           |                                                                                      |                                                 |
| 7                                                                                  | Position the two side-pieces of billet grille onto grille shell cavity. Loosely attach the two billet grilles by holding the short flat tabs behind factory grille shell and inserting the Phillips Screws (from the front) through the billet grille holes and flat tabs, secure them with flange nuts provided (Figure 3).          |                                                                                      |                                                 |
|  |                                                                                                                                                                                                                                                                                                                                       |                                                                                      |                                                 |
| 8                                                                                  | Once the billet grilles are loosely attached, center them and tighten all Phillips Screws at the same rate. Reinstall the plastic shroud with the fasteners removed in Step 2.                                                                                                                                                        |   |                                                 |
| 9                                                                                  | Continue to the lower piece. Tow hooks must be removed.                                                                                                                                                                                                                                                                               |  |                                                 |
| 10                                                                                 | Test fit the billet into the bumper opening. Slide the u-nut onto the Z brackets (the end with the small hole). Attach the other end to the factory holes in the bumper / core support. The holes are a little larger than the bolts provided. Use the tabs on the back side; this will keep the bolts from sliding through the hole. |                                                                                      |                                                 |

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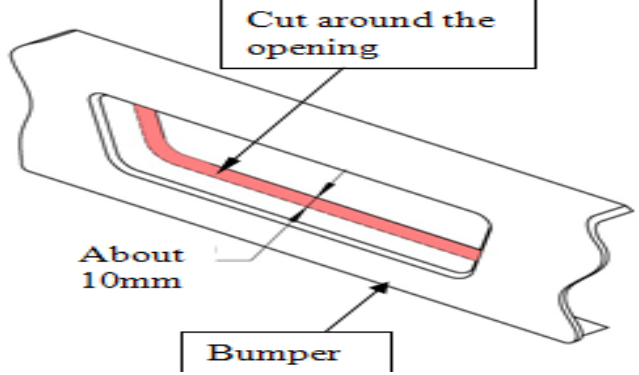


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|    |                                                                                                                                                                                                                          |                                                                                    |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| 11 | Center the grille into the opening. The brackets should align to the tabs welded to the back of the billet. If not, bend the brackets so they align properly. They are made of aluminum and will bend by hand or pliers. |                                                                                    |
| 12 | Use the screws with the small head to secure the billet. Adjust the brackets to achieve the proper adjustment if needed.                                                                                                 |                                                                                    |
| 13 | If your vehicle after 2007, you might need to cut inside edge of the black plastic bumper to fit the grille properly, see Diagram 2.                                                                                     |  |
| 14 | Installation completed!!!                                                                                                                                                                                                |                                                                                    |

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