

# 51140

2003-2018 FREIGHTLINER  
M2 106 M2e



# 54140

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## 2003-2018 FREIGHTLINER M2 106 M2e Upper Class Series 3 Pc. Mesh Grille Kit

### TOOLS REQUIRED:

Torx Bit Set  
Allen Wrench Set  
10mm Socket  
7/16" Socket  
Ratchet

### PARTS LIST

(4) 1/4" Nylon Lock Nuts  
(4) 1/4" SS Nuts  
(8) 1" Washers  
(6) 10/32" Nylon Lock Nuts  
(6) 1/2" L Brackets  
(1) U-Nut  
(3) 1/4" S.S. Button Head Bolts  
(3) Mesh Grilles  
(1) Custom Bracket  
(4) Bumper Mesh C Brackets



### Step 1 Grille Removal

PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE ATTEMPTING INSTALLATION. Remove the factory grill.



### Step 2 Main Grille Installation

Take the large mesh grille and install a 1/4" SS nut and a 1" washer on top of the nut onto each threaded stud (4), insert it into the opening where the factory grill was removed. From behind install a 1" washer and a 1/4" nylon lock nut on the threaded studs on the grille. Tighten the nuts. (Fig 1)

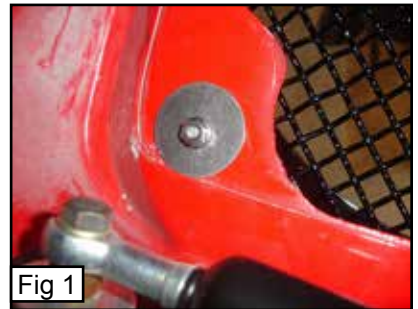


Fig 1

### Step 3 Bumper Grille Lower Installation

Take the bumper mesh grille and insert it into the factory bumper opening. From behind install a 1/2" L bracket over the threaded stud that is on the backside of the mesh grille. The L bracket will latch to the inside lip of the factory bumper. Install a 10/32" nylon lock nut over the L bracket and tighten. Repeat this on all 6 threaded studs. (Fig 2)



Fig 2

### Step 4 Hood Vent Grille Installation

Remove the factory hood vent. Take the mesh hood vent and install the u-bolt onto the same area where the factory vent mounted. Insert the mesh vent into the hood. The side of the mesh vent with the bracket will face the rear of the vehicle. The bracket on the vent grille will slide over the tongue shaped part of the vent opening in the hood. Tighten the two 1/4" bolts so that the bracket squeezes the tongue on the hood. (Fig 3) Insert the third 1/4" bolt onto the front of the grille and tighten making sure it is securing into the u-nut that was installed earlier. Installation complete.

### Step 4 Bumper Grille Upper Installation

Insert the bumper mesh behind the bumper opening in the vehicle. Install the bumper mesh brackets into the bottom of the upper mesh grille as in Fig 4. Tighten the nuts. The C brackets hold pressure on the bumper mesh from behind the bumper.

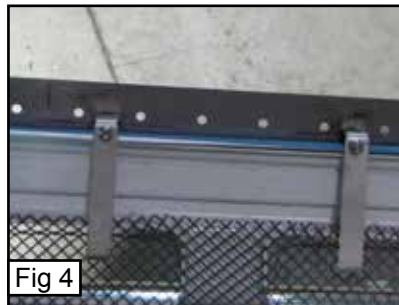


Fig 4



Fig 3