

# 21-C Ford F150 Raptor

Mud Flap Set, Front **Mounting Diagram & Instructions** Kit# GCN410F

#### **IMPORTANT:**

Manufacturer is not responsible for negligent use of vehicle with mud flaps installed, including over-tightening of screws and bolts causing damage to vehicle or mud flaps.

## **TOOLS REQUIRED-**



7mm Open Wrench or Socket Wrench





1/4" Open Wrench or Socket Wrench



7/16" Open Wrench and Socket Wrench



Push Pin Removal Tool

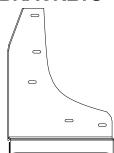
### **FLAPS & BRACKETS**



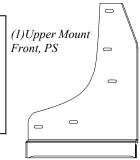
Brace, DS

Part #759973

Front

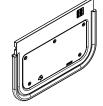


Please note: There will be a plastic piece in the upper mount channel. Please remove and discard.



(1) Nylon Cap Driver Side Part #080642 Assembled on Upper Mount





(2) Washer Plate Front. Part #759979



(1) Nylon Cap Passenger Side Part #080643 Assembled on Upper Mount

### **PARTS BAG #770512**

a) (4) Cap Screw, SS Blk Ox. 1/4-20UNC x 3/8" Part #014069



Brace, PS

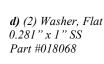
Part #759974

Front

b) (2) Cap Screw.SS Blk Ox. 1/4-20UNC x 1.5" Part #014074



c) (4) Sheet Mtl Screw #8-18 x 1.5" SS Blk. Ox. Part #016063





e) (6) Washer, Flat 0.281" x 1" SS Blk Ox. Part #018069



f) (4) Washer, Flat 0.203" x 1" SS Blk Ox. Part #018070



g) (2) Washer, Lock 1/4" Helicoil, SS Part #024000



h) (2) Nut, Hex 1/4-20, SS Part # 025000



i) (4) Serrated Flange Nut M6-1, Plated Part # 025025



j) (4) Spring Nut, SS 1/4"-20UNC, 27/32" Reach Part #028011



k) (2) Washer, White Nylon 0.318" x 1" x 0.04" Part #054061 (Running change – Black or White)



1) (4) Washer, Black Nylon 0.203" x 0.885" x 0.062 Part #054080



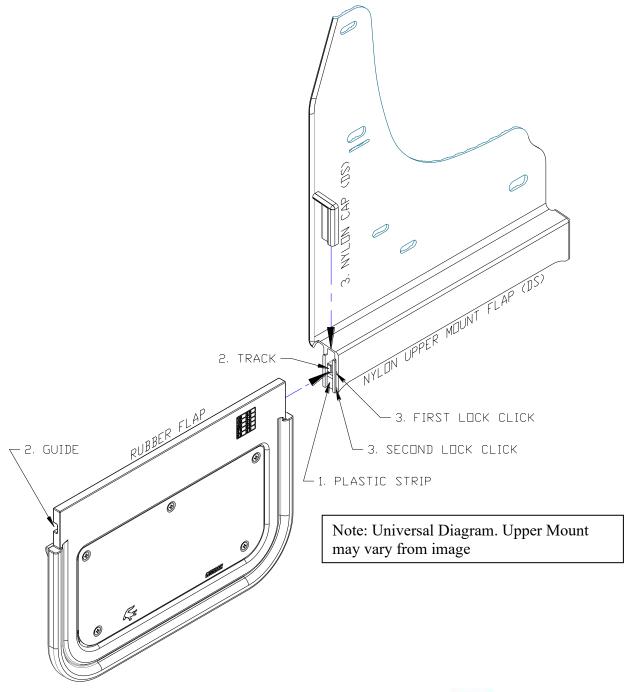
m) (4) Spacer Washer, HDPE 7/16" x 1" x 1/4" Part #054091





### **ASSEMBLY OF NYLON MUD FLAPS:**

- 1. Remove locking caps from nylon upper mounts and set aside for reinstallation.
- 2. Remove and discard the plastic strip inside the track at the bottom of the nylon upper mount.
- 3. Slide rubber guide into track of nylon upper mount.
- 4. Reinstall locking cap(s) on bottom of nylon upper mount. Note: To fully lock this cap into place, you should hear two clicks. When the cap is fully locked, it will be even with the offset part of the upper mount.
- 5. Repeat Procedure for second mud flap.

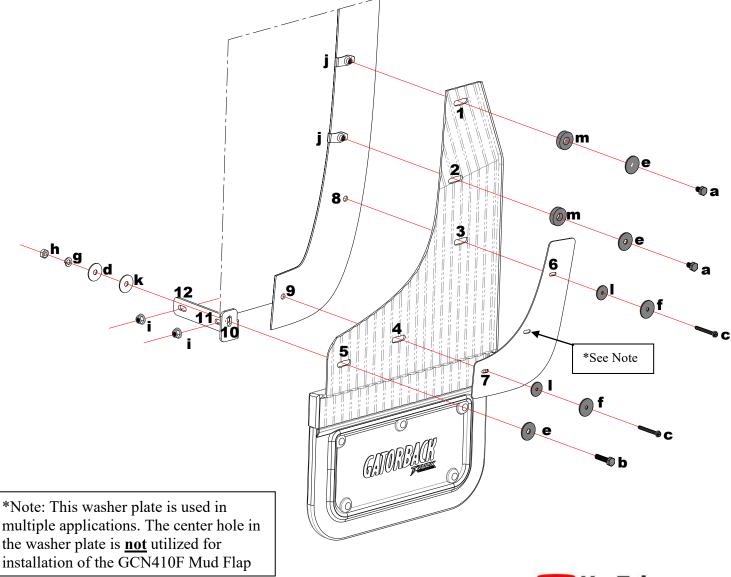


Please check out our YouTube channel to see an install video for this application



### **INSTALLATION** (For ease of installation it is suggested that the wheel be removed)

- 1. Before you install your Mud Flap Set, see the diagram and parts list for all necessary parts.
- 2. Place mud flap holes #3 and #4 over factory screws, and mark flare through mud flap holes #1 & #2 to indicate placement of spring nuts (j). Remove mud flap.
- 2. Install spring nuts (j) on flare over marks made in step 2.
- 3. Remove the (2) factory screws from factory holes #8 & #9 on the inside of the fender.
- 4. Loosely install brace holes #11 and #12 to the existing factory lower fender bolts using serrated flange nuts (i).
- 5. Loosely secure washer plate hole #6 through mud flap hole #3 to factory hole #8, and mud washer plate hole #7 through mud flap hole #4 to factory hole #9 using sheet metal screw (c), flat washer (f), and nylon washer (l).
- 6. Loosely secure mud flap holes #1 & #2 to spring nuts (j) using cap screw (a), flat washer (e), and spacer washer (m).
- 7. Loosely install mud flap hole #5 to bracket hole #10 using cap screw (b) and flat washer (e) and secure using a nylon washer (k), flat washer (d), lock washer (g), and hex nut (h).
- 8. Using a square or other leveling tool, ensure mud flap is level and tighten all fasteners.
- 9. Repeat procedure on the passenger side.



Please check out our YouTube channel to see an install video for this application.









# 21-C Ford F150 Raptor

Mud Flap Set, Rear **Mounting Diagram & Instructions** Kit# GCN410R

#### **IMPORTANT:**

Manufacturer is not responsible for negligent use of vehicle with mud flaps installed, including over-tightening of screws and bolts causing damage to vehicle or mud flaps.

## **TOOLS REQUIRED-**



7mm Open Wrench or Socket Wrench

BODY DRILL

1/4" Open Wrench or Socket Wrench



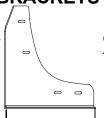
7/16" Open Wrench and Socket Wrench



Push Pin Removal Tool

**FLAPS & BRACKETS** 



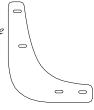


(1)Flap Assembly Rear, PS

Please note: There will be a plastic piece in the upper mount channel. Please remove and discard.



















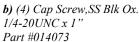
(1) Nylon Cap Passenger Side Part #080643 (Caps are Assembled on Upper Mount)



### **PARTS BAG #770513**

a) (2) Cap Screw, SS Blk Ox. 1/4-20UNC x 3/8" Part #014069







c) (4) Sheet Mtl Screw #8-18 x 1.5" SS Blk. Ox. Part #016055



d) (4) Washer, Flat 0.281" x 1" SS Part #018068



e) (6) Washer, Flat 0.281" x 1" SS Blk Ox. Part #018069



f) (4) Washer, Flat 0.203" x 1" SS Blk Ox. Part #018070



g) (4) Washer, Lock 1/4" Helicoil, SS Part #024000



h) (4) Nut, Hex 1/4-20, SS Part # 025000

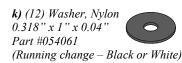


i) (2) Spring Nut, SS #8, 9/16" Reach Part # 028004



j) (2) Spring Nut, SS 1/4"-20UNC, 27/32" Reach Part #028011

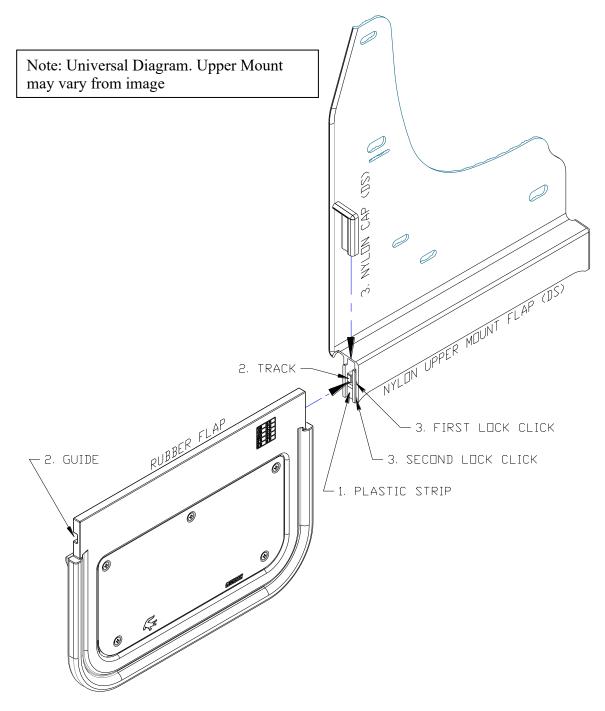






### **ASSEMBLY OF NYLON MUD FLAPS:**

- 1. Remove locking caps from nylon upper mounts and set aside for reinstallation.
- 2. Remove and discard the plastic strip inside the track at the bottom of the nylon upper mount.
- 3. Slide rubber guide into track of nylon upper mount.
- 4. Reinstall locking cap(s) on bottom of nylon upper mount. Note: To fully lock this cap into place, you should hear two clicks. When the cap is fully locked, it will be even with the offset part of the upper mount.
- 5. Repeat Procedure for second mud flap.



Please check out our YouTube channel to see an install video for this app Raptor Front Install Sheet



## INSTALLATION (For ease of installation it is suggested that the wheel be removed)

- 3. Before you install your Mud Flap Set, see the diagram and parts list for all necessary parts.
- 2. Remove the (2) factory screws on the inside of the fender flare. On the inner most factory hole, also remove the factory plastic nutsert
- 3. Install spring nut (i) on factory hole #10 on fender where nutsert was removed.
- 4. Remove the factory push pin closest to the wheel well from the underside of the fender.
- 5. Loosely install brace hole #12 to the factory hole on the underside of the fender using a cap screw (b), and flat washer (e), and secure using a nylon washer (k), flat washer (d), lock washer (g) and hex nut (h).
- 6. Loosely secure washer plate hole #7 through mud flap hole #3 to spring nut (i) on factory hole #10 using sheet metal screw (c), flat washer (f), and nylon washer (k).
- 7. Mark the fender through mud flap hole #1.
- 8. Install spring nut (j) over mark on fender made in step 8.
- 9. Loosely secure washer plate hole #6 through mud flap hole #2 to factory hole #9 using sheet metal screw (c), flat washer (f), and nylon washer (k).
- 10. Reinstall hardware on mud flap hole #2.
- 11. Loosely install backing plate hole #5 through mud flap hole #1 to spring nut (j) using cap screw (a), flat washer (e), and nylon washer (k).
- 12. Install washer plate hole #8 through mud flap hole #4 to bracket hole #11 using cap screw (b), flat washer (e), and nylon washer (k), and secure using a nylon washer (k), flat washer (d), lock washer (g) and hex nut (h).
- 13. Using a square or other leveling tool, ensure mud flap is level and tighten all fasteners.

