

**FEEL THE HEAT!**

## Ranger Crew ReadyForce Doors

Part # **07-1950** Ranger Crew 900 & 2015+ Full-Size Crew Models Black

Congratulations on your purchase of the DragonFire ReadyForce Doors for the Ranger Crew. These doors were designed to provide extra security by not only keeping things inside the cab, but keeping shrubs and brush out. Ride confidently with the Locked and Secured door latches, keeping the doors closed tight regardless of the trail condition. Be sure to check out the full line of DragonFire products for the Ranger Crew at your local authorized dealer or online at <http://www.DragonFireRacing.com>

**Designed to fit Full-Size models with non-tubular cab structure.**

### **WARNING**

- Read and understand these instructions before installing product
- This product does not promise additional side protection in the event of an accident
- Ensure doors are properly latched and locked prior to operation of vehicle
- Do not use product if there is any sign of damage

### Disclaimer

Off road activities can be hazardous and could lead to injury, dismemberment, paralysis and death. No warranty of representation is made as to the products ability to protect the user from any injury or death. The user assumes that risk. The acceptance and /or use of this merchandise purchased from DragonFire by the customer hereby shall release DragonFire from any and all liability pertaining to the use of such merchandise.

**Step 1:** Place vehicle on a flat and level surface. Place gear selector in "Park" and remove keys from the ignition.

**Step 2:** Remove safety nets and hip tubes from vehicle. Retain upper hip tube screws to be reused on the hinge mounts. (Figure A)

**Step 3:** Starting at the front door, remove all four fasteners on the front jam. (Figure B)

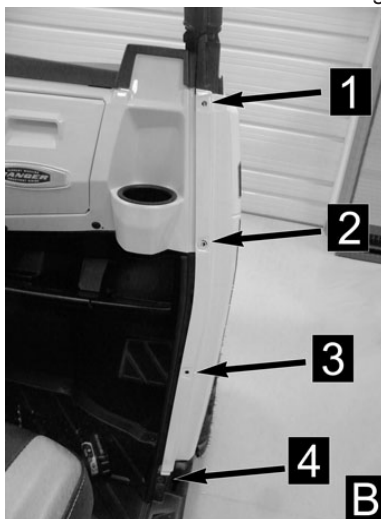
**Step 4:** Pull back on the outer plastic panel and move the metal "J-nut" from the #2 location down to the #3 location.

**Step 5:** Press the panels back together and align the holes in location #2. With holes aligned, drill out holes with 3/8" drill bit. (Figure C)

**Step 6:** Pull back the outer plastic again and insert the supplied 3/8" "J-nut" in the #2 location.

### Tools Required

T40 Torx
Flat Head Screw Driver
#3 Phillips Screw Driver
1/4" or smaller Drill Bit
3/8" Drill Bit
5/32" Allen
3/16" Allen
7/32" Allen
(2) 9/16" Wrenches
1/2" Wrench
10mm Wrench
13mm Socket and Ratchet



**Step 7:** Locate door jam reinforcement plate and insert between plastic panels. (Figure D)

**Step 8:** Once reinforcement plate inserted and aligned with holes, insert hardware back into the plastic panel. Location #3 will now use the Torx head screw previously used on location #2. Location #2 will use the supplied 2-1/2" long striker pin and washer. (Figure E)

**Step 9:** Flip front seat base up and remove Torx head screw shown in Figure F.



**Step 10:** Locate and identify the front door hinge mount. (Figure G, Right side)

**Step 11:** Place 3 washers on M8x55 bolt and insert into front door hinge mount. Place 3 more washers and short spacer on the bolt. (Figure H)

**Step 12:** Install front door hinge mount onto vehicle, starting with the M8 bolt with washers and spacers from previous step. Align bend in bracket with plastics and reinstall factory Torx head screws at base of mount and then the upper slots. Leave hardware snug, but not tight for adjustment later. (Figure I)



**Step 9:** Flip rear seat base up and remove Torx head screw similar to Figure F.

**Step 14:** Locate and identify the rear door hinge mount. (Figure G, Left side)

**Step 15:** Place 3 washers on M8x80 bolt and insert into rear door hinge mount. Place 3 more washers and long spacer on the bolt. (Figure J)

**Step 16:** Install rear door hinge mount onto vehicle, starting with the M8 bolt with washers and spacers from previous step. Align bend in bracket with plastics and reinstall factory Torx head screws at base of mount and then the upper slots. Leave hardware snug, but not tight for adjustment later.

**Step 17:** On the back side of the B-pillar, locate the Torx head screw halfway up the door opening. From the center of the screw head, mark 1/2" towards the inside of the vehicle. (Figure K)

**Step 18:** Leaving the screw in place, carefully drill a 3/8" hole at the marked location through the plastic and the metal bracket behind the plastic. This is easier if a 1/4" or smaller pilot hole is drilled first.

**Step 19:** Locate supplied 2" striker pin and thread a jam nut all the way to the plastic sleeve, followed by an oversized washer. Remove screw next to drilled hole and install striker pin into drilled hole. Secure with another jam nut on the back side of the metal bracket. (Figure L)



**Step 20:** Place one brass washer (supplied) on each hinge pin.

**Step 21:** Apply anti-seize compound to all four hinge pins and place both doors on the appropriate hinge bracket.

**Step 22:** Slowly close door and check alignment on front of door with front of jam. If gap is uneven or if door collides, loosen hinge mounting hardware and move washers on M8 bolts to shim door in or out. Tighten hardware to factory specs once door is aligned.

**Important:** Keep all 6 washers on bolt otherwise bolt will not tighten properly.

**Step 23:** With doors aligned on the vehicle, install the latches if they are not already installed. Rear door will need the adjustment bracket attached prior to attaching to the door. (Figure M) Leave hardware loose for adjustment.

**Step 24:** Press the latch lever down to ensure the latch is open and gently close the door while watching to make sure the latch is at the right height to align with the striker pin. (Figure N) If necessary, move the latch up or down to align with the striker. It may also be necessary to move the striker in or out to latch correctly. (Figure O, Rear Door) To extend the front door striker, add additional supplied washers or jam nut.



**Step 25:** Keeping the door closed, tighten the hardware on the latch to 6 ft-lbs (72 in-lbs).

**Step 26:** Open door and verify alignment. Door should shut smoothly without shifting up or down when it contacts the striker pin. If door shifts loosen latch adjustment hardware and realign the latch.

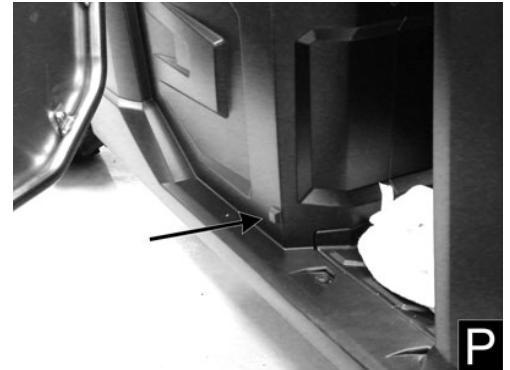
**Step 27:** Install Phillips head screws into top hinge pin on each door until head of screw just touches the top of the hinge. Use a medium strength thread locker when installing to ensure screws to not come loose. Open door and make sure door still opens without resistance.

**Step 28:** Note where lower door frame sits with door closed. Clean the area with rubbing alcohol and once dry, adhere the supplied rubber bumper. (Figure P) Close door and ensure the bumper compresses slightly to put a light tension on the doors. Adjust placement if necessary.

**Step 29:** Repeat steps 2 through 28 for the other side of the vehicle.

**Step 30:** This completes installation. Time to ride and enjoy!

**ProTip:** Periodically check all hardware and re-tighten if needed.



**For further assistance, please contact your authorized DragonFire dealer.**