



**Fisher Engineering**

P.O. Box 529 Rockland, Maine 04841

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Lit. No. 21633



## Attachment Kit

**Ford F-700 & F800**

**1995-1999**

### ⚠ CAUTION

See your FISHER® outlet for application recommendations. The Kit Selection Guide has specific vehicle and snowplow requirements.

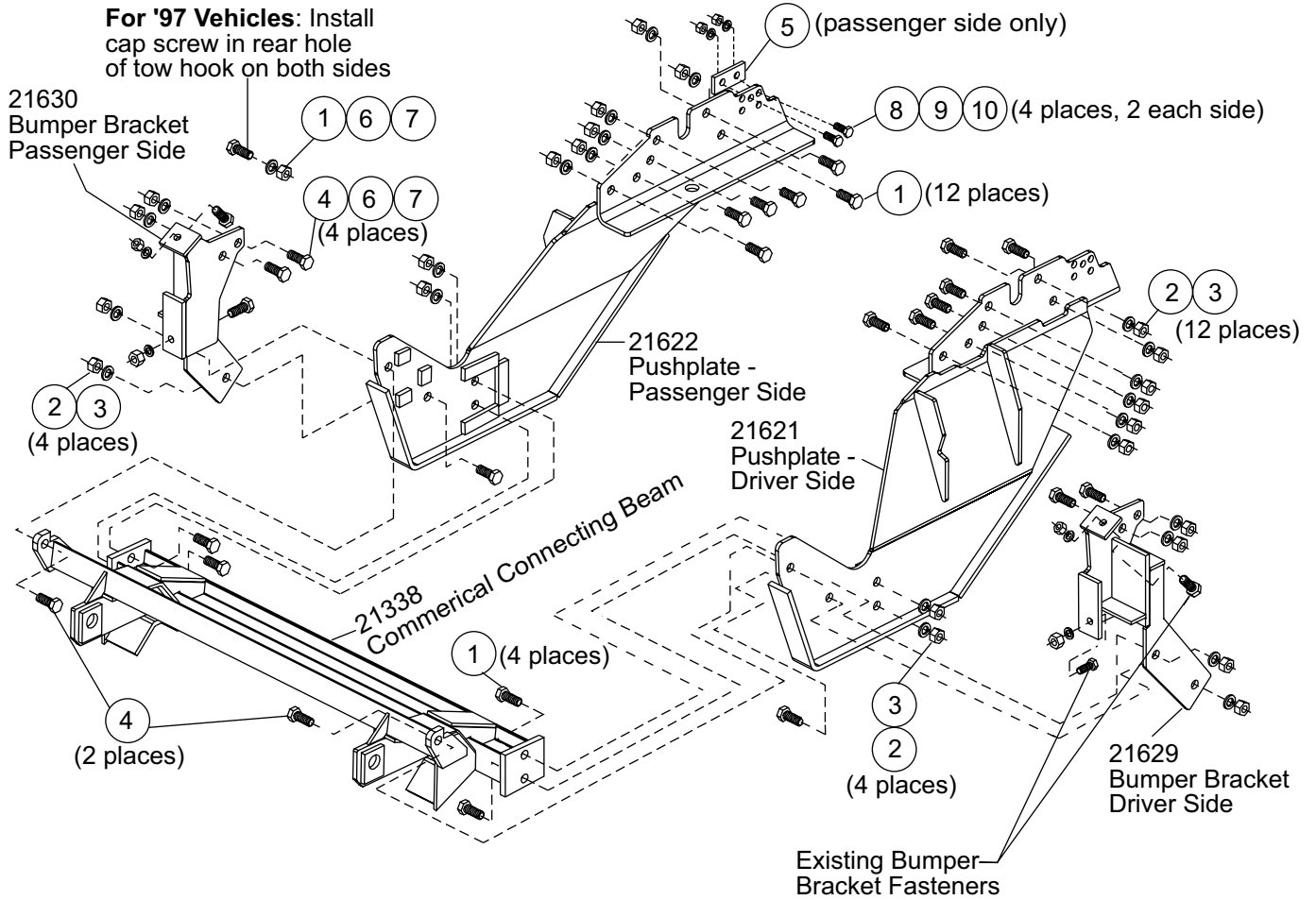
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### 7152 KIT PARTS LIST

7152 Attachment Kit					
Part #	Qty	Description	Part #	Qty	Description
21621	1	Pushplate – Driver Side	21630	1	Bumper Bracket – Passenger Side
21622	1	Pushplate – Passenger Side	21338	1	Commercial Connecting Beam
21629	1	Bumper Bracket – Driver Side	21635	1	Bolt Bag – 7152

PARTS LIST AND DIAGRAM



21635 Bolt Bag							
Ref #	Part #	Qty	Description	Ref #	Part #	Qty	Description
1	90244	18	5/8-11 x 1-1/2" Gr. 5 Cap Screw	6	90576	6	5/8" Plain Washer Gr. 8
2	90366	18	5/8" Lock Washer	7	5573	6	5/8"-11 Locknut
3	90343	18	5/8" Nut	8	90124	4	3/8-16 x 2" Cap Screw
4	90247	6	5/8-11 x 2" Gr. 5 Cap Screw	9	90361	4	3/8" Lock Washer
5	21679	1	Spacer	10	90334	4	3/8" Nut

## SAFETY INFORMATION

### WARNING




Indicates a potentially hazardous situation that, if not avoided, could result in death or serious personal injury.

### CAUTION

Indicates a situation that, if not avoided, could result in minor personal injury and/or damage to product or property.

**NOTE:** Identifies tips, helpful hints and maintenance information the owner/operator should know.

Torque all fasteners according to the torque chart. For proper fit, do not tighten fasteners until instructed to do so.

NC FASTENER TORQUE (FT-LB)			
DIAMETER- THREADS PER INCH	GRADE		
			
	G2	G5	G8
1/4 - 20	6	9	13
5/16 - 18	11	18	28
3/8 - 16	19	31	46
7/16 - 14	30	50	75
1/2 - 13	45	75	115
9/16 - 12	66	110	165
5/8 - 11	93	150	225
3/4 - 10	150	250	370
7/8 - 9	150	378	591
1 - 8	220	583	893

## IMPORTANT NOTICES:

- The battery and/or associated hardware will have to be removed to install the passenger-side pushplate and then reinstalled in its original location if your vehicle has a gas engine. Disregard all instructions concerning the vehicle battery if your vehicle has a diesel engine.
- Some vehicles have rubber inner fender flaps. The fender flaps must be moved while installing the pushplates if your vehicle is so equipped.
- Other clamps or brackets on or near the frame may interfere with the installation of the pushplates. Remove these items and replace after pushplates are installed.
- Pin the bottom hole on the A-frame to keep the angle frame level.

## INSTALLATION INSTRUCTIONS

- Remove and discard the tow hooks and bumper brackets.
  - Remove the brake line brackets on both sides. Discard the fasteners. Remove the rear cross member bolt on both sides. Save the fasteners. Remove the rubber spring bumper from the bottom of the frame.
  - Turn the front wheels as far left as possible. Install the driver-side pushplate by placing the rear angle of the pushplate between the outside of the leaf spring and inside of the steering arm.
- Reinstall the cross member bolt and rubber spring bumper to the bottom of the frame. Install one 5/8" x 1-1/2" cap screw in to the top, rear hole in the side of the frame. Secure with one 5/8" lock washer and nut. Do not tighten any fasteners at this time.
- Repeat step three for the passenger-side pushplate.
  - Place the connecting beam between the pushplates. Install two 5/8 x 1-1/2" cap screws on each side in the rear block and the pushplate. Secure with four 5/8" lock washers and nuts.

## 7152

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6. Install the driver-side bumper bracket with two 5/8" x 2" cap screws. Secure with two 5/8" plain washers and locknuts. Attach the connecting beam front tab, pushplate and hanger leg with one 5/8" x 2" cap screw, 5/8" lock washer and nut. Secure the lower leg with one 5/8" x 2" cap screw, 5/8" lock washer and nut.

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**NOTE: On 1997 models, use a 5/8" x 1-1/2" cap screw, 5/8" plain washer and locknut in the rear hole where the tow hooks were attached.**

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7. Repeat step six on the passenger side.

8. Reinstall the brake line bracket on the driver side. Use two 3/8" x 2" cap screws, lock washers and nuts. Place the spacer on the passenger side. Secure with two 3/8" x 2" cap screws, lock washers and nuts.

9. Tighten the top fasteners on both bumper brackets. Reinstall the bumper and tighten all fasteners.

10. Check that the area behind the frame is clear of any obstacles. Drill and ream four 5/8" holes on each side using the four 5/8" holes on the rear angle as a guide. Secure with six 5/8" x 1-1/2" cap screws, lock washer and nut. Tighten all fasteners.

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