



INSTALLATION INSTRUCTIONS FOR MOUNTING

LUVERNE GRILLE GUARD WITH THE FOLLOWING MODEL NO.:
330920/330923 & 340920/340923 ON:

2009 AND NEWER F-150 4WD & 2WD WITH TOW HOOKS SERIES TRUCKS

1. READ THE INSTRUCTIONS COMPLETELY AND CHECK TO MAKE SURE THAT ALL OF THE REQUIRED PARTS ARE ON HAND BEFORE STARTING THE INSTALLATION. THE CARTON SHOULD CONTAIN:
 - (1) OUTER RING PACKAGE
 - (1) OUTER RING ASSEMBLY
 - (1) UPRIGHT PACKAGE
 - (1) UPRIGHT ASSEMBLY, RH
 - (1) UPRIGHT ASSEMBLY, LH
 - (1) MOUNTING BRACKET, RH
 - (1) MOUNTING BRACKET, LH
 - (2) UPRIGHT COVERS (**CHROME GUARDS ONLY**)
 - (1) HARDWARE PACKAGE
 - (1) CUSTOMER SERVICE PACKAGE

REFER TO SHEETS #1, #2, #3 & #4 FOR GUARD ASSEMBLY & INSTALLATION INSTRUCTIONS 2-9

2. **4WD VEHICLES OR 2WD VEHICLES WITH TOW HOOKS** – (**NOTE:** THE FASTENERS THAT COME WITH THE VEHICLE ARE LONG ENOUGH AND MAY BE USED TO MOUNT THE GRILLE GUARD BRACKETS TO THE FRAME OR YOU CAN USE THE FASTENERS INCLUDED WITH THE GRILLE GUARD.) LOOSEN AND REMOVE THE FRONT BOLT THAT SECURES THE TOW HOOK TO THE FRAME. LOOSEN THE REAR BOLT THAT SECURES THE TOW HOOK TO THE FRAME, ENOUGH SO THAT YOU CAN INSERT THE GRILLE GUARD MOUNTING BRACKET IN BETWEEN THE BOTTOM OF THE FRAME AND THE TOW HOOK. REINSTALL THE FRONT MOUNTING BOLT. FINGER TIGHTEN ONLY AT THIS TIME.
3. **2WD VEHICLES OR 4WD WITHOUT TOW HOOKS** – (**NOTE:** MOUNTING THIS GRILLE GUARD WILL REQUIRE THE USE OF A #202450 BRACKET KIT. THIS KIT REPLACES THE HARDWARE THAT IS PRESENT WHEN THE VEHICLE HAS TOW HOOKS. IT WILL ALSO BE NECESSARY TO CUT A HOLE IN THE LOWER AIR DAM FOR THE MOUNTING BRACKETS TO COME THROUGH.
4. INSTALL THE RIGHT HAND AND LEFT HAND MOUNTING BRACKETS (ITEM #4 & #5) USING TWO M12 X 1.75 X 55mm HEX HEAD BOLTS (ITEM #10), 7/16" FLAT WASHERS (ITEM #18), AND 1/2" LOCK WASHERS (ITEM #15) IN EACH BRACKET. AS SHOWN IN FIG. 1 & 2. HAND TIGHTEN ONLY AT THIS TIME.
5. INSTALL THE RIGHT HAND AND LEFT HAND UPRIGHTS (ITEM #2 & #3) ON THE MOUNTING BRACKETS USING TWO 1/2"-13 X 3" ROUND HEAD BOLTS (ITEM #9), 1/2" SAE FLAT WASHERS (ITEM #17), AND 1/2" CAP NUTS (ITEM #13) IN EACH UPRIGHT, AS SHOWN IN FIG. 1 & 2. HAND TIGHTEN ONLY AT THIS TIME.



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6. INSTALL THE RING (ITEM #1) BY LOWERING IT DOWN FROM THE TOP AND BEHIND THE UPRIGHTS, (TAKING CARE NOT TO SCRAPE THE ENDS OF THE RING AGAINST THE SIDE OF THE VEHICLE.) AND SLIDE THE RING INTO THE NOTCHES OF THE UPRIGHTS. FASTEN WITH UPRIGHT COVER (ITEM #16) (**CHROME GUARDS ONLY**), 7/16"-14 X 1-1/4" HEX BOLTS (ITEM #11) AND 7/16" FLAT WASHERS (ITEM #19) INTO THE 7/16"-14 CAPTIVE NUTS (ITEM #14) IN THE UPRIGHT MOUNTING PLATES.
7. CHECK THAT THE GRILLE GUARD IS CENTERED AND VERTICAL ON THE BUMPER AND THE UPRIGHTS ARE STRAIGHT UP AND DOWN. THEN TIGHTEN THE FOUR 7/16" BOLTS SECURING THE RING TO THE UPRIGHTS. TIGHTEN TO 54 FOOT-POUNDS OF TORQUE.
8. TIGHTEN THE FOUR 1/2" CAP NUTS (ITEM #13) SECURING THE UPRIGHTS TO THE GRILLE GUARD MOUNTING BRACKETS.
9. TIGHTEN THE FOUR BOLTS THAT SECURE THE MOUNTING BRACKETS TO THE FRAME. TIGHTEN TO 70 FOOT-POUNDS OF TORQUE.

SERVICE PARTS LIST

ITEM	PART NO.	QTY	DESCRIPTION
1	202443	1	RING WELDMENT – CHROME
1	202449	1	RING WELDMENT – BLACK
2	202429	1	UPRIGHT WELDMENT – CHROME, RH
2	202447	1	UPRIGHT WELDMENT – BLACK, RH
3	202430	1	UPRIGHT WELDMENT – CHROME, LH
3	202448	1	UPRIGHT WELDMENT – BLACK, LH
4	202435	1	MOUNTING BRACKET - RH
5	202436	1	MOUNTING BRACKET - LH
6	202038	2	TAPPING BAR – 11.500"
7	201122	2	TAPPING BAR – 13.000"
8	202383	2	RUBBER EXTRUSION – MACHINED, 330712
9	107231	4	ROUND HEAD BOLT – 1/2"-13 X 3, SST
10	105107	4	HEX HEAD SCREW – M12 X 1.75 X 55mm, ZP
11	105939	4	HEX HEAD SCREW - 7/16"-14 X 1-1/4", ZP
12	103715	10	SELF TAPPING SCREW – 1/4"-20 X 5/8", ZP
13	104994	4	HEX CAP NUT – 1/2"-13, SST
14	100083	4	CAPTIVE NUT – 7/16"-14
15	100121	4	LOCK WASHER – 1/2", ZP
16	202545	2	UPRIGHT COVER (CHROME GUARDS ONLY)
17	104995	4	FLAT WASHER – SAE, 1/2", SST
18	100081	4	FLAT WASHER – 7/16", ZP
19	103286	4	FLAT WASHER – 7/16", SST
20	105293	4	TUBE PLUG – Ø1-1/4"
21	106901	1	DECAL – MATTE BLACK, RH, 330460
22	106902	1	DECAL – MATTE BLACK, LH, 330460
23	100252	1	DECAL – LOGO, 1 X 3

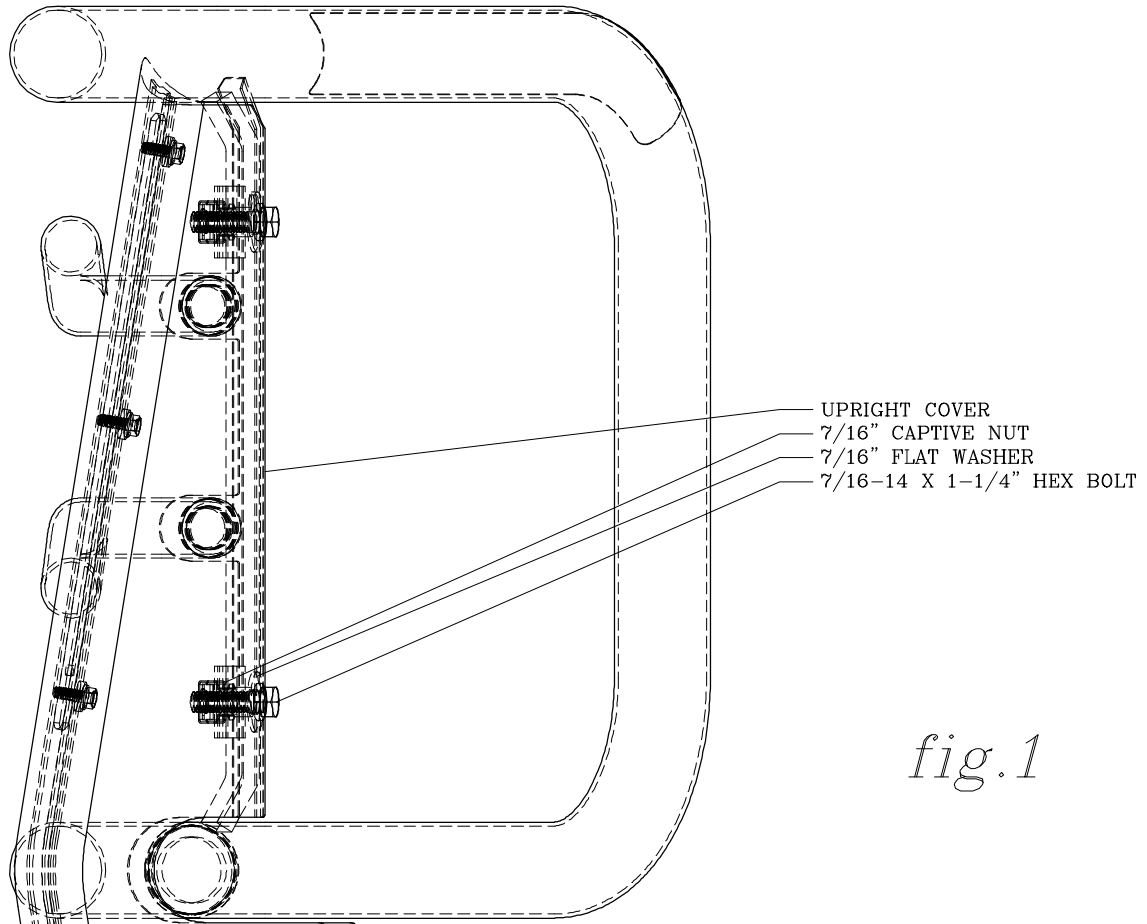


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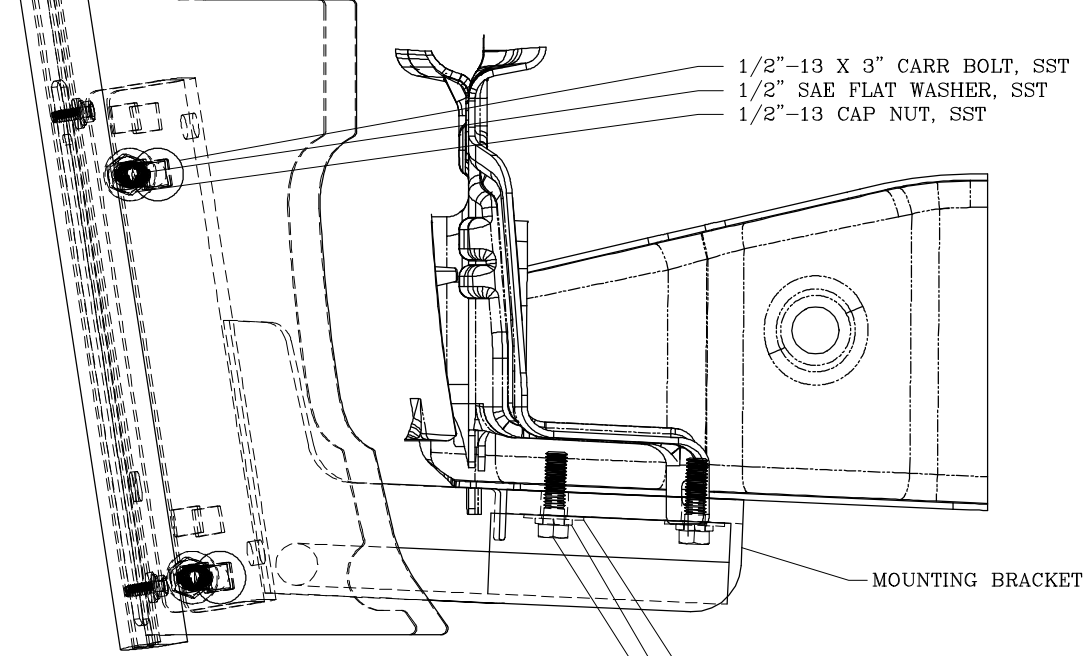
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- UPRIGHT COVER
- 7/16" CAPTIVE NUT
- 7/16" FLAT WASHER
- 7/16-14 X 1-1/4" HEX BOLT

fig.1



- 1/2"-13 X 3" CARR BOLT, SST
- 1/2" SAE FLAT WASHER, SST
- 1/2"-13 CAP NUT, SST

— MOUNTING BRACKET

- 7/16" FLAT WASHER, ZP
- 1/2" LOCK WASHER, ZP
- M12 X 1.75 X 55mm HEX BOLT, ZP



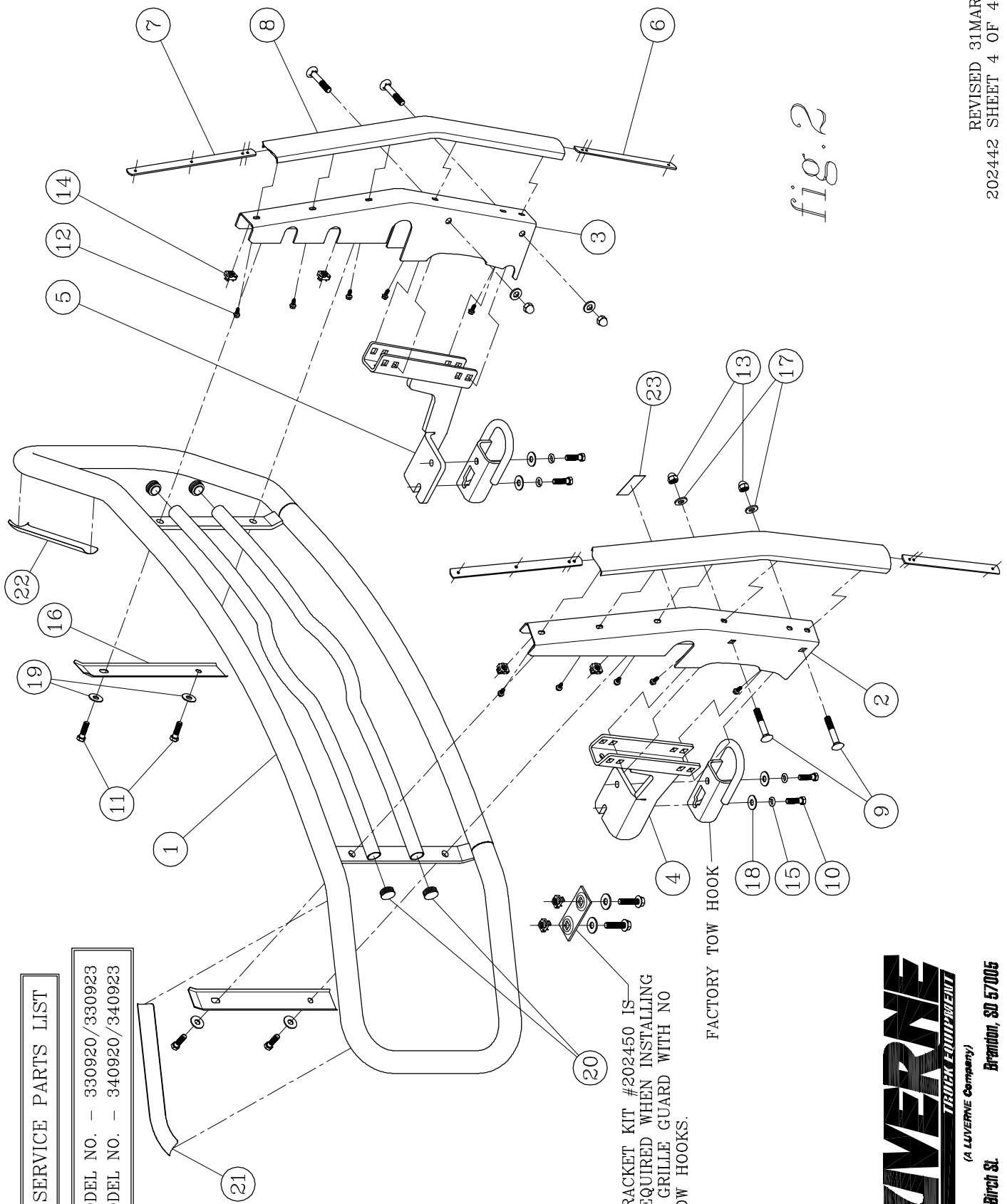
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fig. 2



SERVICE PARTS LIST	
MODEL NO. -	330920/330923
MODEL NO. -	340920/340923

BRACKET KIT #202450 IS
REQUIRED WHEN INSTALLING
A GRILLE GUARD WITH NO
TOW HOOKS.

FACTORY TOW HOOK



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