



2017-Current Ford Super Duty 2M Mount Instructions

Step 1 – Lay out Ebling parts and hardware to familiarize yourself with contents.

Step 2 – Remove wire loom clips from factory hitch.

Step 3 – Unplug trailer plug and wire loom for bumper.

Step 4 – Remove 4 nuts attaching bumper to frame brackets (2 on each side, save for later use). Also remove 2 bolts near center just below license plate (on early models, these will not be reused). Remove bumper and set aside. (The OEM hitch bracket in the center in early years was welded on, if it has clips you can remove it)

Step 5 – Remove bumper brackets and bolt clips from frame and hitch brackets (2 bolt clips w/2 bolts on each clip) on each side, brackets, bolt clips & nuts will be reused).

Step 6 – Unbolt hitch by removing 4 bolts on each side of the forward section of hitch (these will not be reused). Be sure to support hitch to keep it from falling when bolts are removed. Slowly lower hitch from truck and remove.

Step 7 – Now take out nut plates from inside frame rails (2 each side, these will not be reused).

Step 8 – Lift Ebling mount/hitch into position against frame. Insert 5/8" x 2" bolts and flat washers inside frame rails and through the 4 forward holes on each side. Finish bolts with 5/8" flat washers, lock washers and nuts. Finger tighten only at this time.

Step 9 – Install angle clip on each side with slotted holes down against mount. Refer to drawing.



Step 10 – Insert furthest forward 2 bolt clip removed in step 5. Hang side support plate from these and mark hole in plate to be drilled to attach to side of mount.

Step 11 – Drill 11/16” hole in support plate as marked. Position plates on bolt clips and insert 5/8” x 2” bolt from outside and finish with lock washer and nut (finger tighten only).

Step 12 – Insert rear bolt clip removed in step 5, slide bumper bracket over 4 bolts on side of frame and start lock nuts.

Step 13 – Tighten 5/8” bolts on side support plates (this should center mount to truck frame).

Step 14 – Tighten 4 - 5/8” bolts in forward holes of each side of mount to torque specs.

Step 15 – Align top edge of bumper bracket with top edge of angle clip at rear of mount. Bracket will be 1/4” to 3/8” above angle clip. When these edges are parallel tighten all 4 bumper bracket nuts. Both sides.

Step 16 – Now tighten angle clip bolts to mount and torque. Both sides.

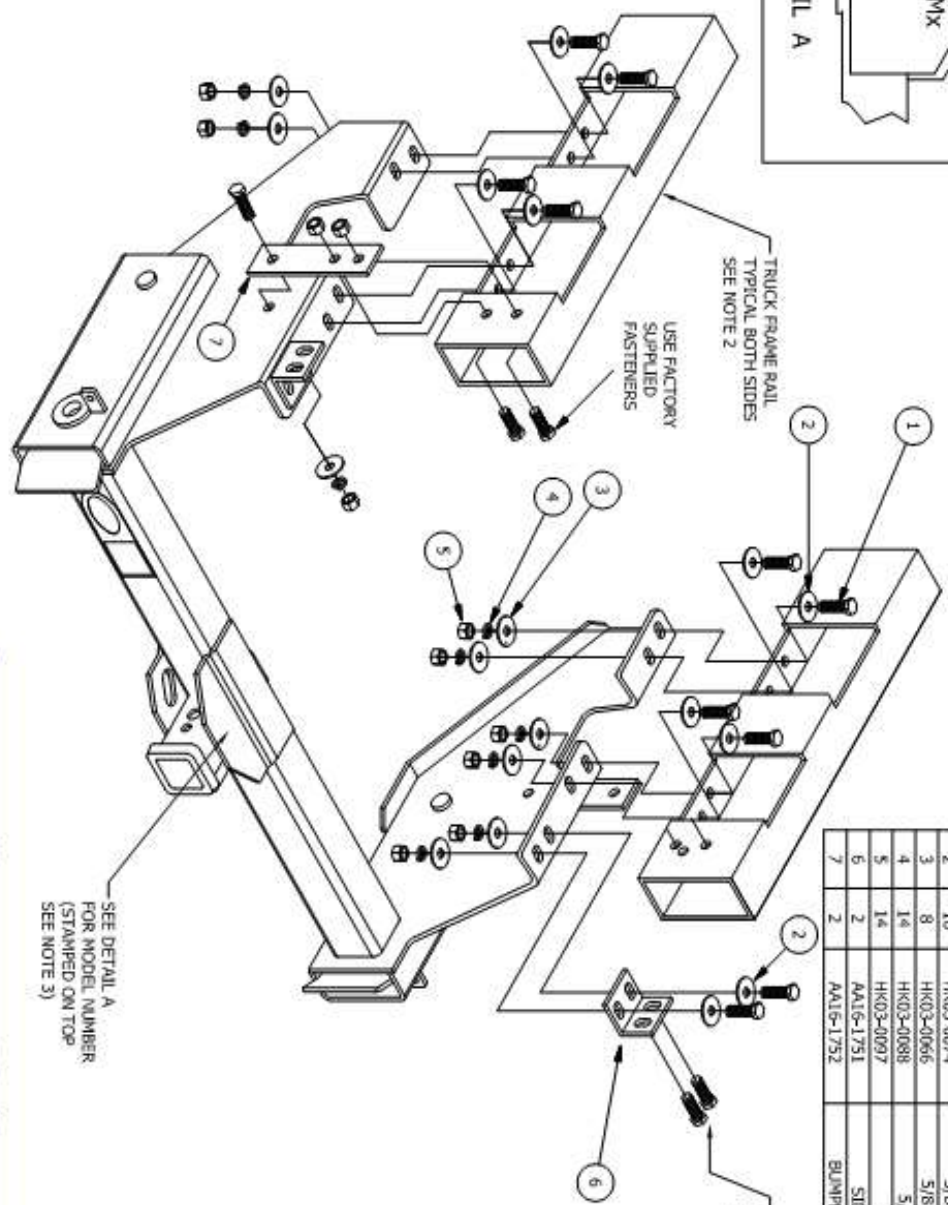
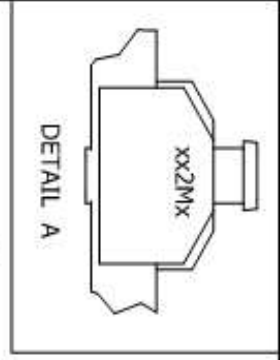
Step 17 – Using zip-ties secure wire looms removed from hitch in step 2.

Step 18 – Reinstall bumper, checking for side to side alignment, start nuts and tighten. At this point check alignment of bumper (you may have to adjust bumper brackets slightly to align bumper correctly).

Step 19 – Plug in trailer plug and bumper wiring loom unplugged in step 2. Installation of ford mount is complete.

* All parts and hardware included for the 2M mount must be used in the installation. Any missing or non-OEM parts or hardware will void warranty.

Torque all bolts to specification as shown in torque chart.



- NOTES**
1. USE FACTORY FASTENERS FROM REMOVAL OF TRAILER HITCH, AND FASTENERS PROVIDED BY EBLING & SON ONLY.
 2. ACTUAL FRAME MAY DIFFER- USED AS REFERENCE ONLY, CUT OUTS IN FRAME ARE TO SHOW DETAILS ONLY.
 3. OLDER STYLE MOUNTS MAY HAVE MODEL NUMBER STAMPED IN BOTTOM.

BILL OF MATERIALS





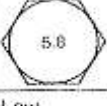
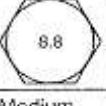
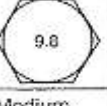
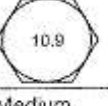
DET	QTY	P/N	DESCRIPTION
1	14	HK03-0046	5/8 X 2 HEX HEAD BOLT GR.5
2	16	HK03-0024	5/8 USS FLAT WASHER GR.8
3	8	HK03-0066	5/8 USS FLAT WASHER GR.2
4	14	HK03-0088	5/8 LOCK WASHER GR.2
5	14	HK03-0097	5/8 - 11 NUT GR.2
6	2	AA16-1751	SIDE SUPPORT PLATE
7	2	AA16-1752	BUMPER ANGLE CLIP BRACKET

QUANTITIES		REVISIONS	
1	14	1	A
2	16	2	A
3	8	3	A
4	14	4	A
5	14	5	A
6	2	6	A
7	2	7	A



TORQUE SPECIFICATIONS

BEFORE DRIVING YOUR VEHICLE, YOU SHOULD CHECK THE TORQUE ON ALL NUTS AND BOLTS IN THE KIT, INCLUDING ANY SLIDER BOLTS ON THE CALIPERS. RE-TORQUE CALIPER BOLTS AFTER 500 MILES. ALL SPECIFICATIONS ARE IN FT-LBS.

BOLT GRADES				
U.S.				
Metric				
Steel Type	Low Carbon (soft)	Medium Carbon Heat Treat	Medium Carbon Alloy	Medium Carbon Alloy

SAE	Bolt Grade	2	2	5	5	7	7	8	8	Socket Head Cap Screw	Socket Head Cap Screw
Bolt Dia.	Thread per inch	Dry	Oiled	Dry	Oiled	Dry	Oiled	Dry	Oiled	Dry	Oiled
1/4"	20	4	3	8	6	10	8	12	9	14	11
1/4"	28	6	4	10	7	12	9	14	10	16	13
5/16"	18	9	7	17	13	21	16	25	18	29	23
5/16"	24	12	9	19	14	24	18	29	20	33	26
3/8"	16	16	12	30	23	40	30	45	35	49	39
3/8"	24	22	16	35	25	45	35	50	40	54	44
7/16"	14	24	17	50	35	60	45	70	55	76	61
7/16"	20	34	26	55	40	70	50	80	60	85	68
1/2"	13	36	31	75	55	85	70	110	80	113	90
1/2"	20	52	42	90	65	100	80	120	90	126	100
9/16"	12	52	42	110	80	135	100	150	110	163	130
9/16"	18	71	57	120	90	150	110	170	130	181	144
5/8"	11	98	78	150	110	140	140	220	170	230	184
5/8"	18	115	93	180	130	210	160	240	180	255	204
3/4"	10	157	121	260	200	320	240	390	280	400	320
3/4"	16	160	133	300	220	360	280	420	320	440	350
7/8"	9	210	160	430	320	520	400	600	460	640	510
7/8"	14	230	177	470	350	580	440	660	500	700	560
1"	8	320	240	640	480	800	600	900	680	980	780
1"	12	350	265	710	530	860	666	900	740	1060	845

METRIC	5.8	8.8	9.8	10.9
Bolt Dia.	Oiled	Oiled	Oiled	Oiled
5mm	3.5	5	6	8
6mm	6	9	10.5	12
8mm	15	22	25	32
10mm	29	44	51	62
12mm	51	76	89	111