

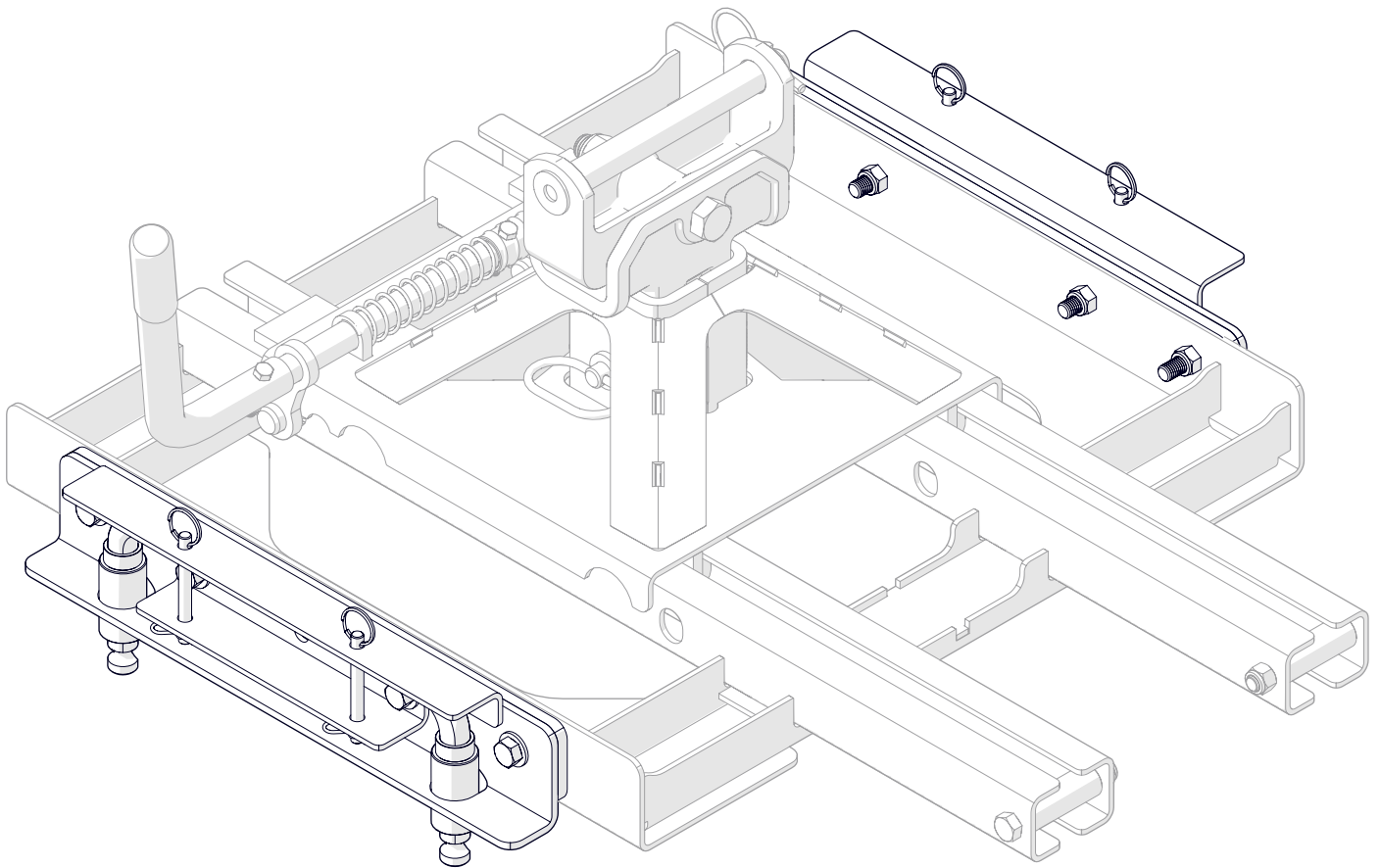


HJ26436, Rev 0
01/2023

Doing Our Best to Provide You the Best

5TH WHEEL SIDE RAIL ASSEMBLIES

6436 UMS Side Rail



OPERATOR MANUAL

INTRODUCTION

WARRANTY POLICY, OPERATOR MANUALS, PARTS MANUALS & REGISTRATION

Go online to www.demco-products.com to review Demco warranty policies, operator manuals and register your Demco product.

Please consult vehicle owners manual for 5th wheel towing instructions.



Torque Specifications

BOLT TORQUE DATA FOR STANDARD NUTS, BOLTS, AND CAP-SCREWS.

Tighten all bolts to torques specified in chart unless otherwise noted. Check tightness of bolts periodically, using bolt chart as guide. Replace hardware with same grade bolt.

NOTE: Unless otherwise specified, high-strength Grade 5 hex bolts are used throughout assembly of equipment.

Torque figures indicated are valid for non-greased or non-oiled threads and heads unless otherwise specified. Therefore, do not grease or oil bolts or capscrews unless otherwise specified in this manual. When using locking elements, increase torque values by 5%.

* GRADE or CLASS value for bolts and capscrews are identified by their head markings.

Bolt Torque for Standard bolts *

"A"	GRADE 2		GRADE 5		GRADE 8	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
1/4"	6	(8)	9	(12)	12	(16)
5/16"	10	(13)	18	(25)	25	(35)
3/8"	20	(27)	30	(40)	45	(60)
7/16"	30	(40)	50	(70)	80	(110)
1/2"	45	(60)	75	(100)	115	(155)
9/16"	70	(95)	115	(155)	165	(220)
5/8"	95	(130)	150	(200)	225	(300)
3/4"	165	(225)	290	(390)	400	(540)
7/8"	170	(230)	420	(570)	650	(880)
1"	225	(300)	630	(850)	970	(1310)

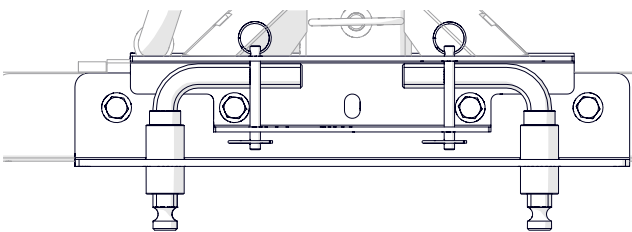
Bolt Torque for Metric bolts *

"A"	CLASS 8.8		CLASS 9.8		CLASS 10.9	
	lb-ft	(N.m)	lb-ft	(N.m)	lb-ft	(N.m)
6	9	(13)	10	(14)	13	(17)
7	15	(21)	18	(24)	21	(29)
8	23	(31)	25	(34)	31	(42)
10	45	(61)	50	(68)	61	(83)
12	78	(106)	88	(118)	106	(144)
14	125	(169)	140	(189)	170	(230)
16	194	(263)	216	(293)	263	(357)
18	268	(363)	--	--	364	(493)
20	378	(513)	--	--	515	(689)
22	516	(699)	--	--	702	(952)
24	654	(886)	--	--	890	(1206)

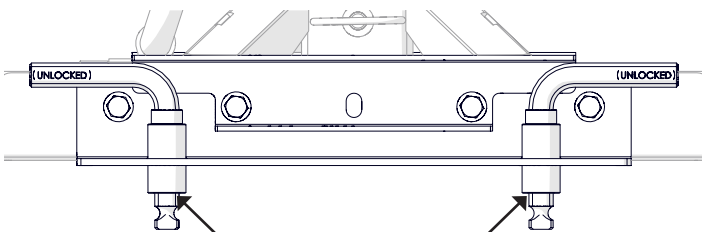
Alignment Procedure

If the side plate pins do not drop into the base rail holes because they are not out far enough, then undo one side and add a 1/2" flat washer in between the main frame and the side spacer plate at each bolt attachments hole. Tighten and try reinstalling into the base rails. If necessary, do the same on the other side to shim out further if needed.

Locked with handles in and pinned

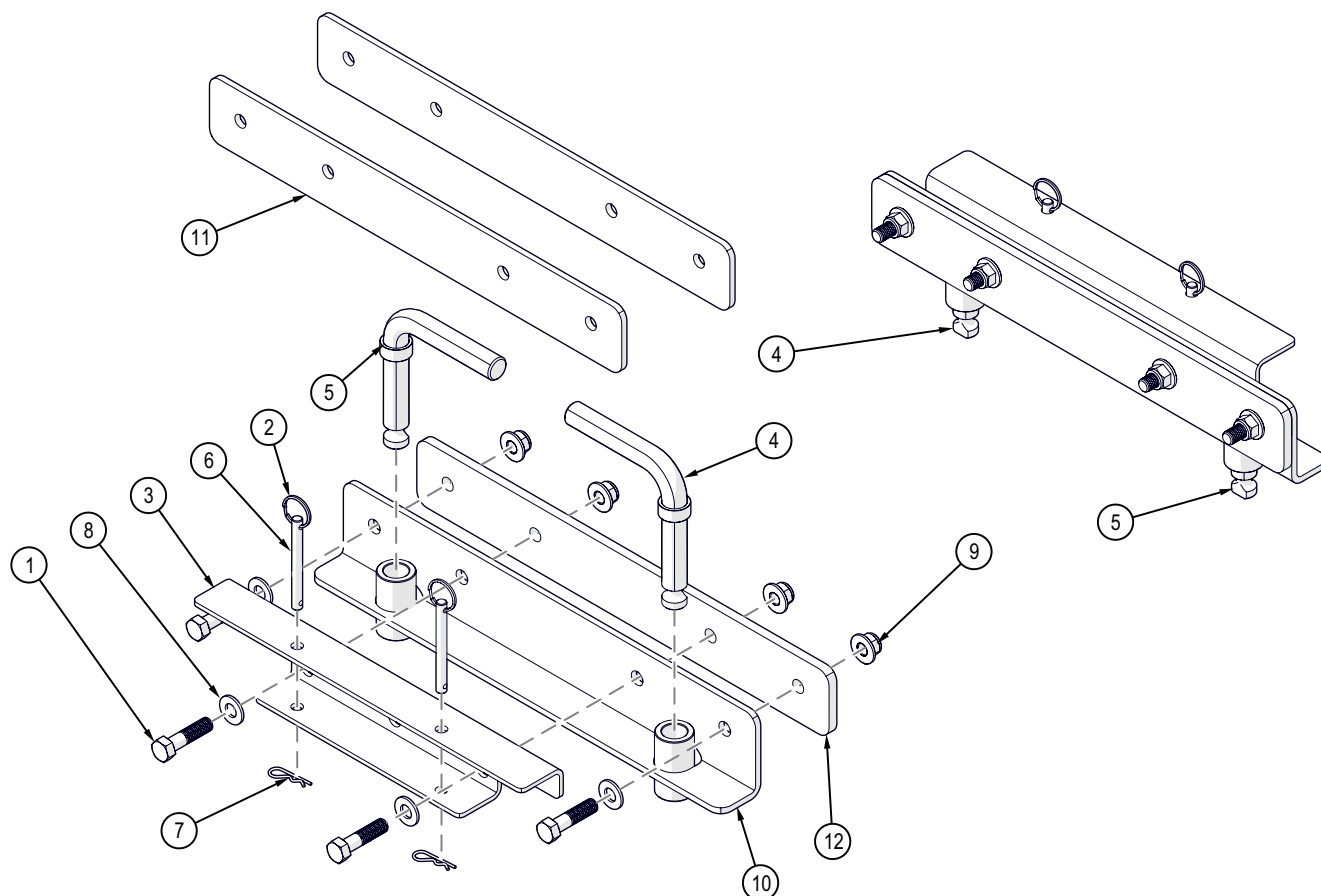


Un-locked with handles out



Apply grease or lubricant

IMPORTANT NOTE: Apply a little grease or lubricant to the part of the pins that insert into the base rails to help maintain smooth operation and rotation of pins and to protect from the elements. Turn the pins occasionally to prevent them from seizing.



Parts List

ITEM	PART #	DESCRIPTION	QTY
1	01253	BOLT .50NC X 2.00 GR5 HEX	8
2	07225	SPLIT RING	4
3	14262-72	UMS SIDE RAIL BRACE	2
4	14263-95	UMS LOCK PIN ASSEMBLY, RIGHT	2
5	14264-95	UMS LOCK PIN ASSEMBLY, LEFT	2
6	14342-95	CLEVIS SAFETY PIN	4
7	14350	HAIR PIN, .093 WIRE X 1.63 OL	4
8	14488	.50 FLAT WASHER NARROW RIM	8
9	16590	NUT, .50NC LOCK, NY. INSERT FLANGE	8
10	17635-72	UMAS SIDE RAIL	2
11	17707-72	SPACER 1/4"	2
12	17708-72	SPACER 3/8"	2

Please order replacement parts by PART NO. and DESCRIPTION



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**Demco warranty policies, operator manuals, and product registration
can be found online:**

www.demco-products.com