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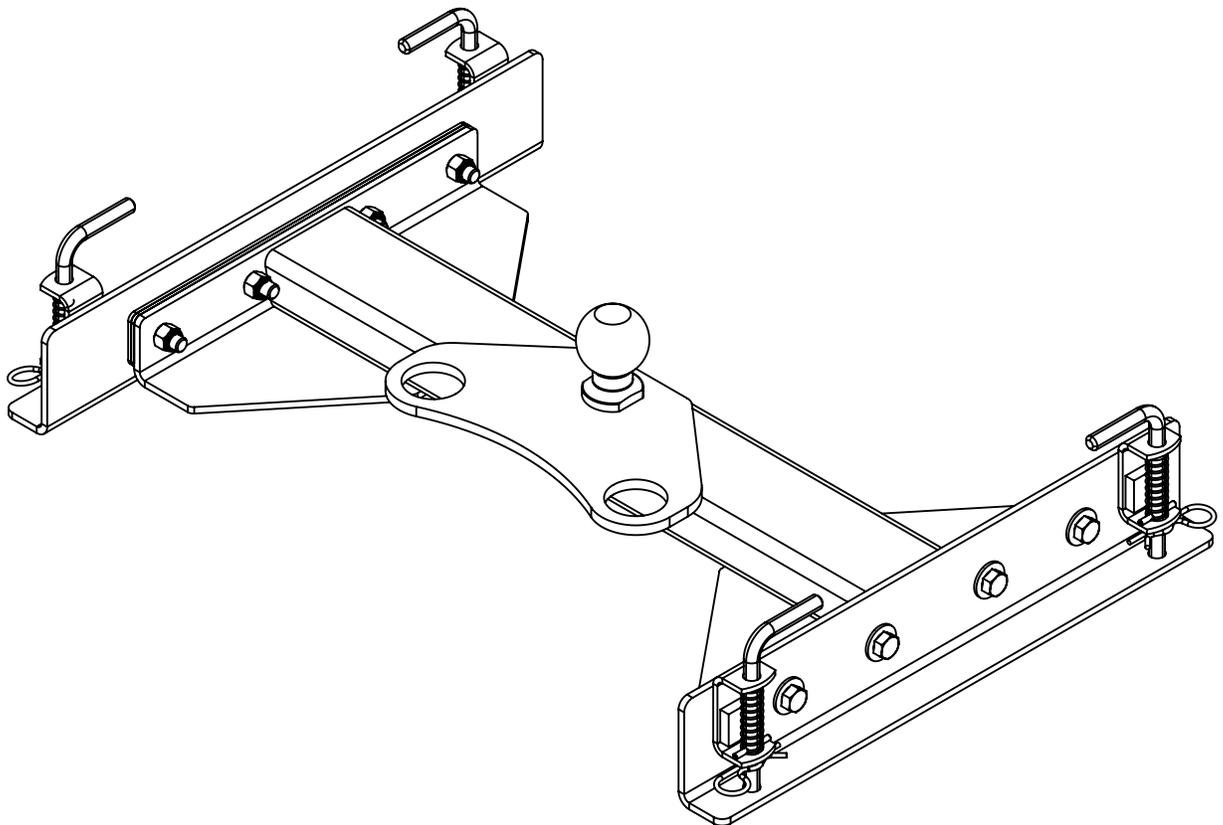
HJ25992, Rev 1  
06/14

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## 5TH WHEEL HITCHES

### 5992 SL Gooseneck Adaptor

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**OPERATOR MANUAL**

# INTRODUCTION

## Torque Specifications

### **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.

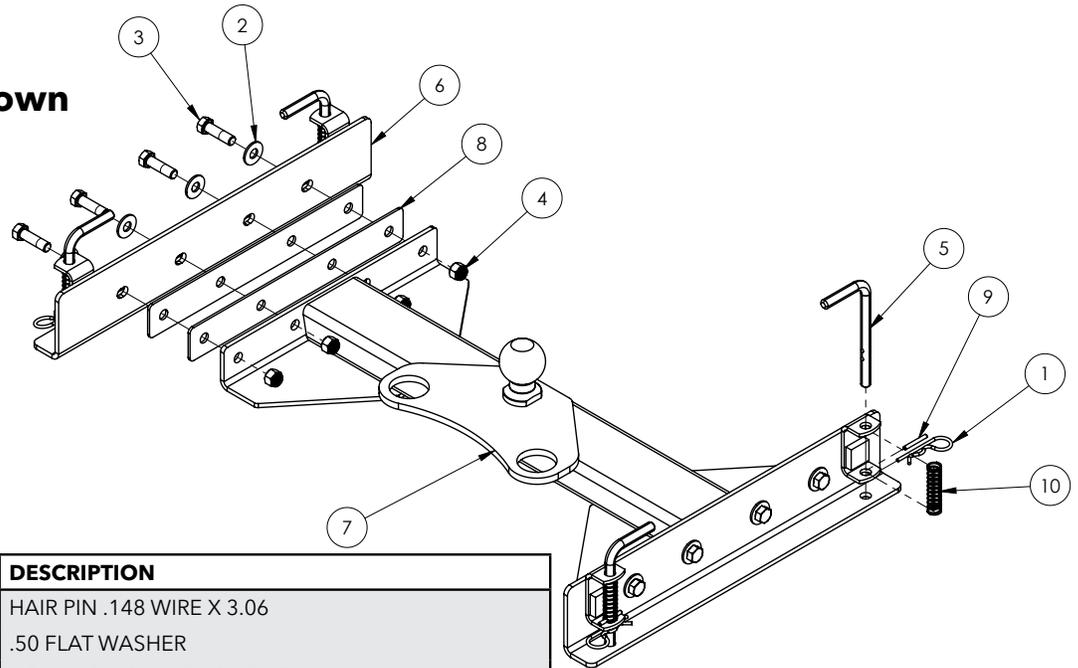
**Bolt Torque for Standard bolts \***

"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)

## 5992 Parts Breakdown



ITEM	PART #	QTY	DESCRIPTION
1	<b>00006</b>	4	HAIR PIN .148 WIRE X 3.06
2	<b>00085</b>	8	.50 FLAT WASHER
3	<b>00482</b>	8	BOLT, .50 NC X 1.75 GR.5 HEX
4	<b>02178</b>	8	NUT, .50NC LOCK, NY. INSERT
5	<b>14149-95</b>	4	SL PULL PIN
6	<b>14208-76</b>	2	GN SL SIDE RAILS
7	<b>14269-76</b>	1	SL GOOSENECK ASSEMBLY
8	<b>14270-76</b>	4	SL GOOSENECK SHIM
9	<b>14317</b>	4	ROLL PIN .188 X 1.50
10	<b>14318</b>	4	SPRING COMPRESS .063 WIRE X .72OD X 2.75FL

Please order replacement parts by **PART NO.** and **DESCRIPTION.**

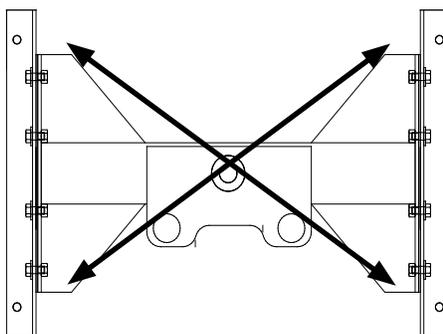
**IMPORTANT NOTE:** Before assembling the gooseneck head and side plates, please read these instructions carefully to avoid having to redo the assembly procedure.

**Instructions for assembly if gooseneck is to be installed as the only or first hitch\* (\*5th wheel hitch installed or inserted after initial gooseneck install):**

### 5992 SL Gooseneck Hitch Assembly Instructions

1. On a level, flat surface loosely bolt spring pin side plates (14208-76) to head using only 1 shim in between the head and pin side plates on **both** sides.
2. Ensure side plates are square to each other by measuring from corner to corner as depicted in Diagram 1.
3. Tighten all bolts and insert into base rails and install in truck as per installation instructions.

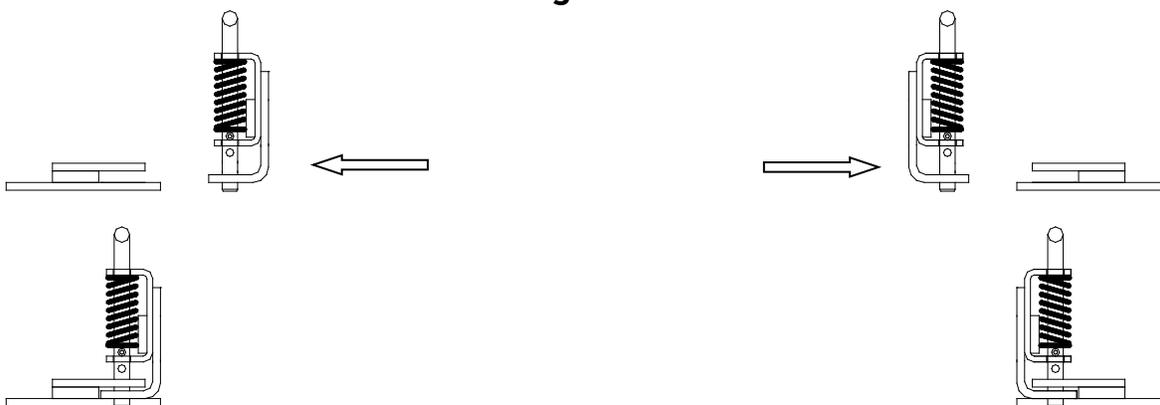
**Diagram 1**



### **Instructions for assembly if gooseneck is to be used in an existing 5th wheel hitch installation**

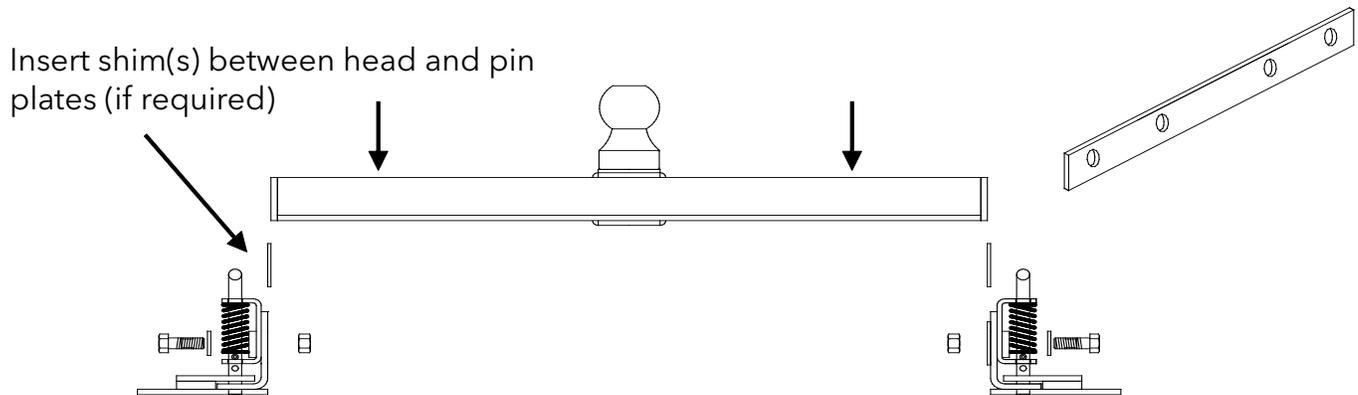
Before assembling gooseneck, insert and pin the spring pin side plates into the base rails that are in the box of the truck as depicted in Diagram 2.

**Diagram 2**



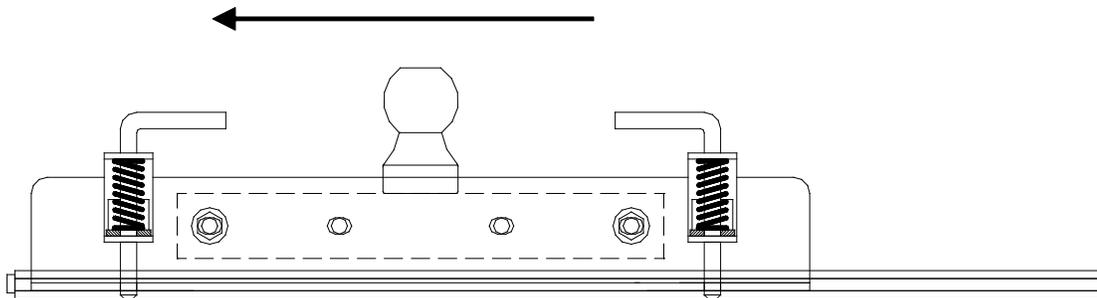
Place gooseneck body between the side plates and determine the number of shims required (4 are supplied) and loosely bolt shims and gooseneck body to side plates as depicted in Diagram 3.

**Diagram 3**



The spring pin side plates have slotted holes so the gooseneck body will align itself fore and aft as displayed in Diagram 4.

**Diagram 4**



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