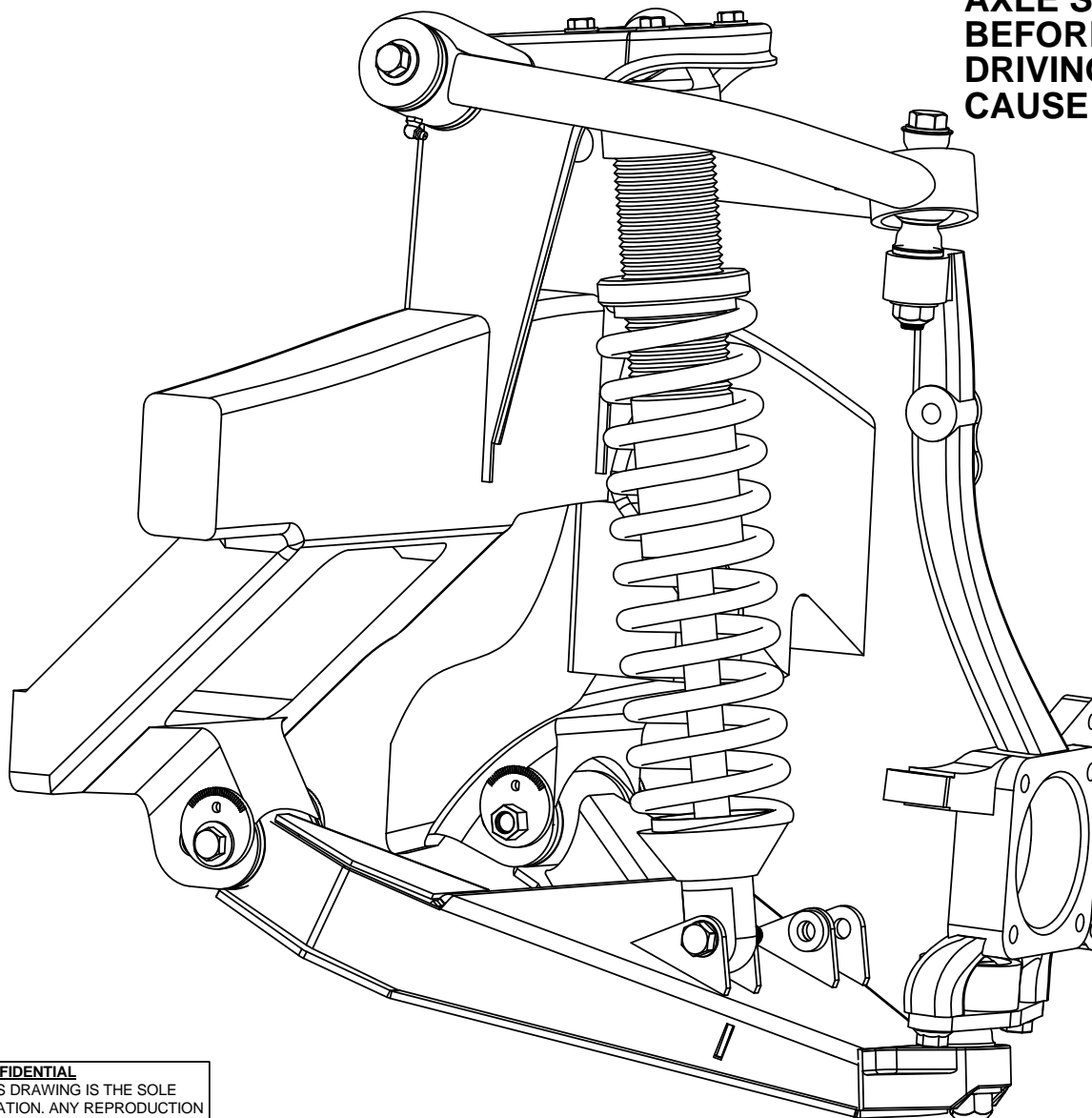


TC86002 - 2003-2009 4RUNNER & FJC
TC86002-10FJ - 2010+ 4RUNNER & FJC
TC86002T - 2005+ TACOMA PRERUNNER/4WD

**WARNING: 4WD EQUIPPED
VEHICLES MUST HAVE EXTENDED
AXLE SHAFTS INSTALLED
BEFORE THE VEHICLE IS DRIVEN.
DRIVING WITHOUT AXLES WILL
CAUSE CATASTROPHIC FAILURE!**

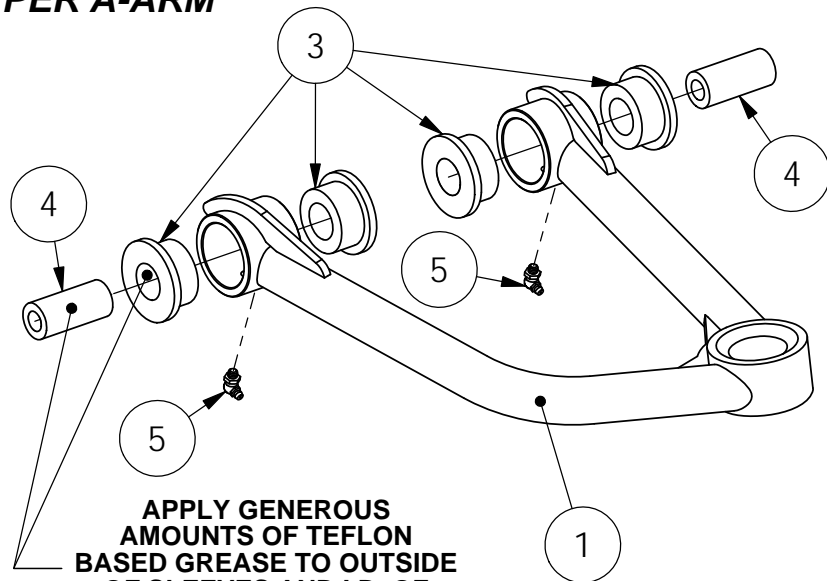


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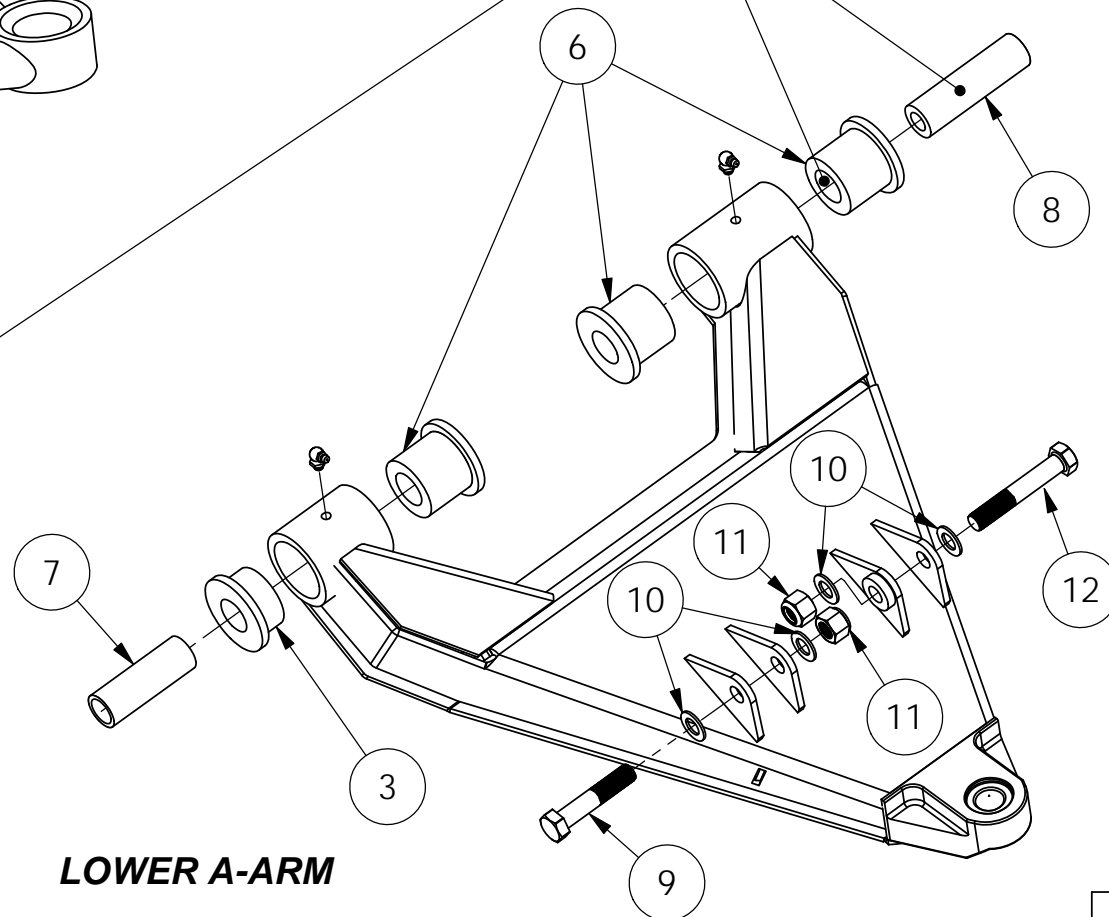
*LEFT SIDE OF TRUCK SHOWN. SOME ITEMS NOT SHOWN FOR CLARITY.

UPPER A-ARM



APPLY GENEROUS AMOUNTS OF TEFLON BASED GREASE TO OUTSIDE OF SLEEVES AND I.D. OF URETHANE BUSHINGS

APPLY GENEROUS AMOUNTS OF TEFLON BASED GREASE TO OUTSIDE OF SLEEVES AND I.D. OF URETHANE BUSHINGS



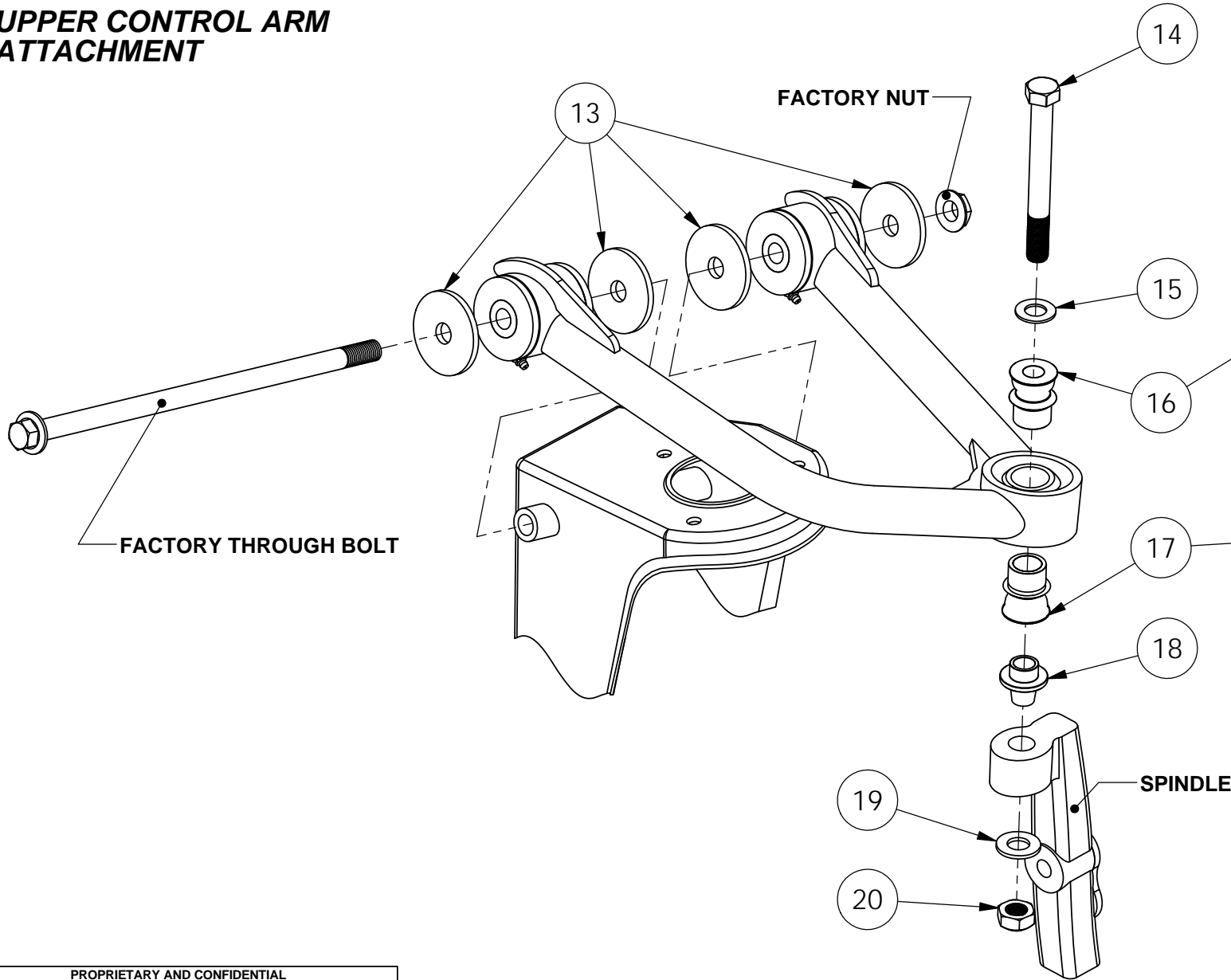
LOWER A-ARM

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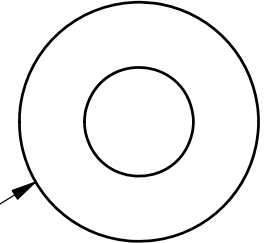
*LEFT SIDE OF TRUCK SHOWN. SOME ITEMS NOT SHOWN FOR CLARITY.

UPPER CONTROL ARM ATTACHMENT

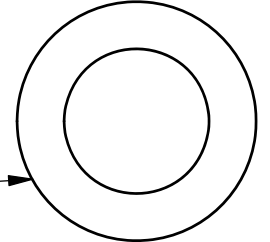


IMPORTANT NOTE:
 During assembly, upper & lower spacers are specific. Failure to follow these instructions will result in damage of all components.

Upper spacer has 9/16" hole

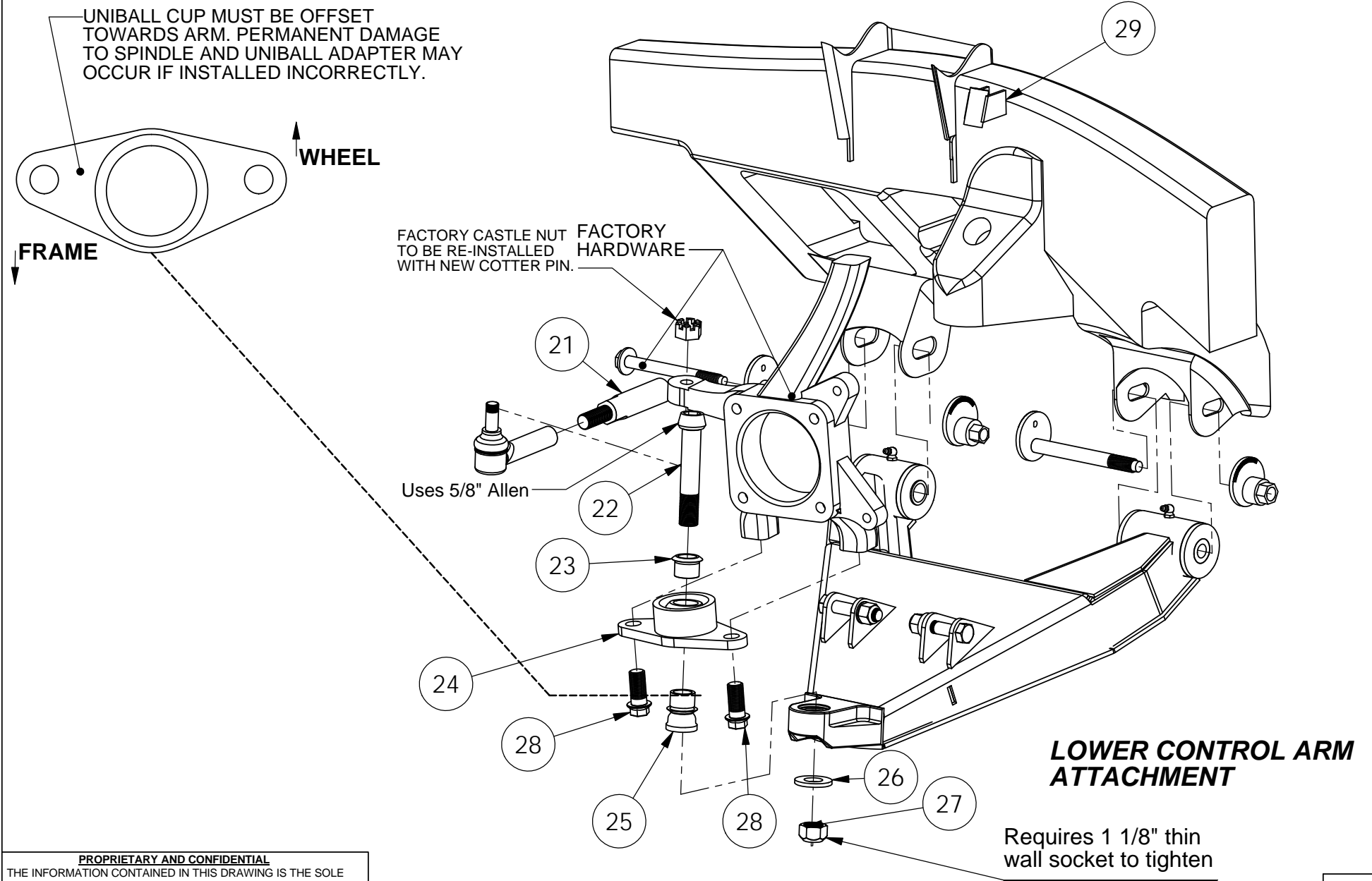


Lower spacer has 3/4" hole



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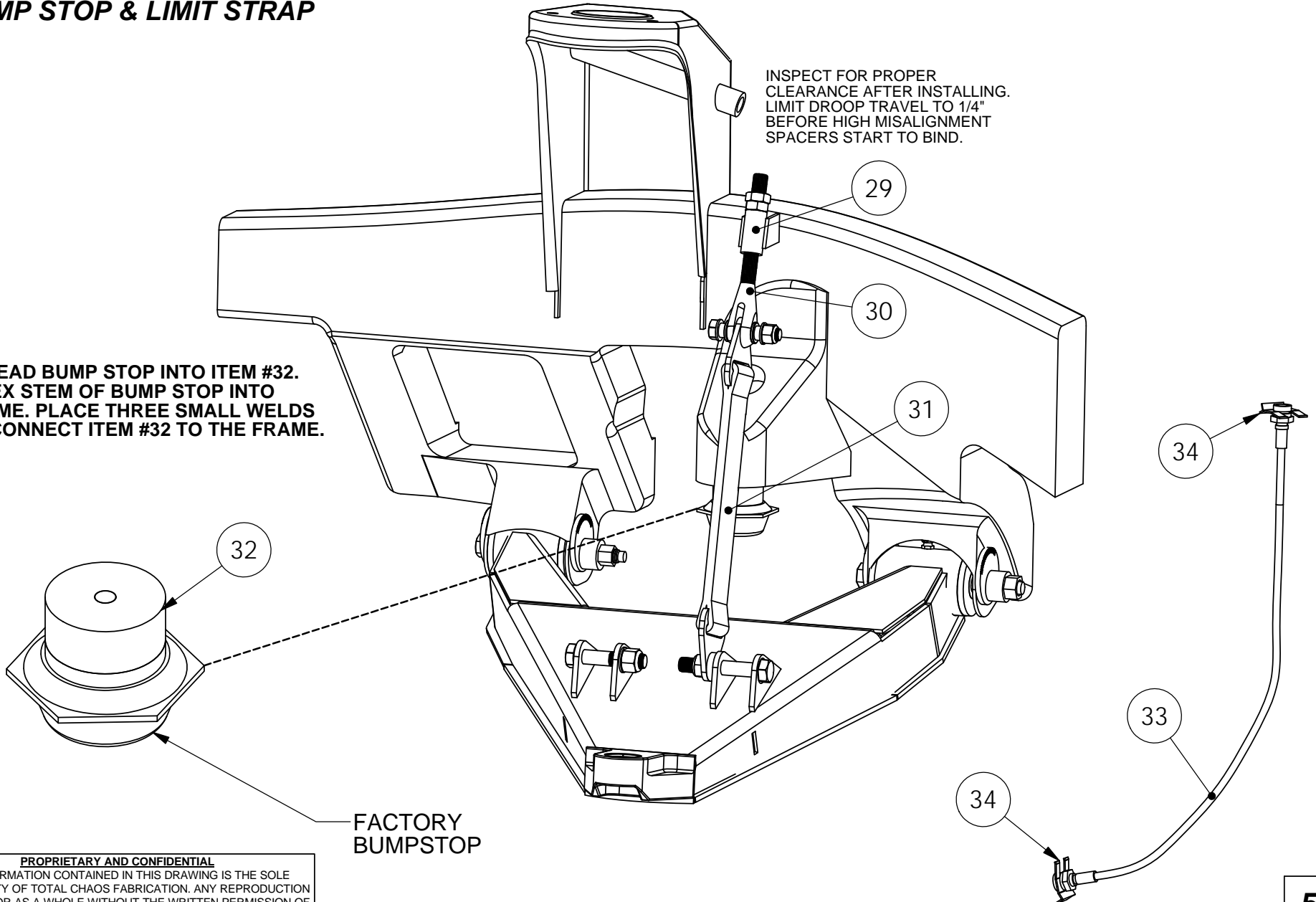


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BUMP STOP & LIMIT STRAP

INSPECT FOR PROPER
CLEARANCE AFTER INSTALLING.
LIMIT DROOP TRAVEL TO 1/4"
BEFORE HIGH MISALIGNMENT
SPACERS START TO BIND.

THREAD BUMP STOP INTO ITEM #32.
INDEX STEM OF BUMP STOP INTO
FRAME. PLACE THREE SMALL WELDS
TO CONNECT ITEM #32 TO THE FRAME.



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INSTALLATION NOTES

The factory manual is required for torque specifications on all hardware. This procedure will involve the removal and re-installation of many parts. Always use factory replacements for worn or damaged parts. Always use new cotter keys during re-installation.

Some items are not shown for clarity.

In order to retain 4 wheel drive, new axles must be purchased from Total Chaos. Please call for more information.

Page 2

FOR THE POLYURETHANE BUSHINGS TCF RECOMMENDS USING A SYNTHETIC GREASE THAT CONTAINS TEFLON, SUCH AS SUPERLUBE. THE UNIBALL FEATURES A WOVEN TEFLON LINER THAT IS SELF LUBRICATING. NO GREASE SHOULD BE USED ON THE UNIBALL. IF YOU DO EXPERIENCE ANY NOISE FROM THE UNIBALL, TCF RECOMMENDS USING A DRY LUBRICANT SUCH AS TRI-FLOW. BOTH SUPERLUBE AND TRI-FLOW CAN BE FOUND FOR SALE ON AMAZON.COM

Page 4

Torque item #20 to 100ft lbs.

Page 5

Torque item #27 to 100ft lbs.

Item #34 - Weld as shown, inline with rear lower a-arm shock tab face. Grind frame to bare metal before proceeding to weld. Placement of brake hardline may need to be adjusted on frame before welding.

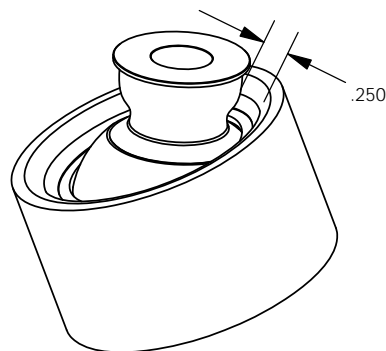
Page 6

After installation is complete (shocks installed), adjust limit strap so that there is a 1/4" gap between the high misalignment spacer and the uniball cup on the upper control arm (see model below). Limit straps will stretch over time and will need to be adjusted periodically to prevent damage to shocks and uniball components.

Weld the included reservoir mounting tabs to frame in a location where the shock reservoir hose is not kinked or bent.

TOTAL CHAOS Fabrication Inc.
159 North Maple St. Unit J
Corona, CA 92880
951.737.9682

WWW.CHAOSFAB.COM



PARTS LIST: 05+ TACOMA/07+ FJ +2" LONG TRAVEL

ITEM #	PART #	QTY.	ITEM DESCRIPTION
1	86201L	1	CONTROL ARM, FJ +2" UPPER LEFT
	86201R	1	CONTROL ARM, FJ +2" UPPER RIGHT
2	86202L	1	CONTROL ARM, FJ +2" LOWER LEFT
	86202R	1	CONTROL ARM, FJ +2" LOWER RIGHT
3	60684	10	BUSHING, URETHANE SHORT HALF
	60684	8	BUSHING, URETHANE SHORT HALF 2010+ 4RUNNER & FJ CRUISER
4	69120	4	SLEEVE, UPPER ARM INNER
5	10005	4	FITTING, GREASE (ZERK)
	60292	6	BUSHING, URETHANE LONG HALF
6	60293	2	BUSHING, URETHANE LONG HALF 2010+ 4RUNNER & FJ CRUISER ONLY
	60685	2	BUSHING, URETHANE LONG HALF 2010+ 4RUNNER & FJ CRUISER ONLY
7	69702	2	SLEEVE, LOWER ARM FRONT INNER
	69606	2	SLEEVE, LOWER ARM FRONT INNER 2010+ 4RUNNER & FJ CRUISER
8	68603	2	SLEEVE, LOWER ARM REAR INNER
	68607	2	SLEEVE, LOWER ARM REAR INNER 2010+ 4RUNNER & FJ CRUISER
9	10025	2	BOLT, 1/2" x 2.50L FRONT SHOCK
10	12003	8	WASHER, 1/2" AN
11	11001	4	NUT, 1/2" NYLOCK
12	10011	2	BOLT, 1/2" x 3.00L SECONDARY SHOCK
	10710	6	BOLT, 3/8" X 1.00L SHOCK MOUNT
	12011	6	WASHER, 3/8" SAE SHOCK MOUNT
	10024	2	BOLT, 1/2" SOCKET HEAD SHOCK
	58621	2	SHOCK CIRCLE, FOX
13	69620	8	WASHER, UPPER ARM
14	10251	2	BOLT, 9/16" x 5.00L
15	12203	2	WASHER, 9/16" AN
16	100916	2	SPACER, TOP UPPER ARM MISALIGNMENT
17	10034TCF	2	SPACER, BOTTOM UPPER ARM MISALIGNMENT
18	30004	2	SLEEVE, 9/16" TAPERED ADAPTER
19	12204	2	WASHER, 9/16" SAE
20	11202	2	NUT, 9/16" C-LOCK
21	99015-2	2	EXTENSION, 15MM TIEROD 03-09 4RUNNER & 07-09 FJC
	99016-2	2	EXTENSION, 16MM TIEROD 2010+ 4RUNNER/FJC & 2005+ TACOMA
22	10342	2	BOLT, 3/4" x 4.25L SOCKET HEAD
23	10034C	2	SPACER, TOP LOWER ARM MISALIGNMENT
24	68614	2	ADAPTER, LOWER UNIBALL 2-BOLT FLANGE
25	10034T	2	SPACER, BOTTOM LOWER ARM MISALIGNMENT
26	12304	2	WASHER, 3/4" SAE
27	11302	2	NUT, 3/4" GRADE C LOCK
28	10616	4	BOLT, 16MM X 45MM FLANGE HEAD
29	69619	2	BRACKET, LIMIT STRAP CLEVIS, WELD ON
30	69618	2	CLEVIS, ADJUSTABLE LIMIT STRAP
31	69611	2	STRAP, 11" LIMIT
32	68610	2	THREADED SPACER, BUMPSTOP
33	86330	2	LINE, EXTENDED BRAKE
34	33301	4	CLIP, BRAKELINE RETAINING

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