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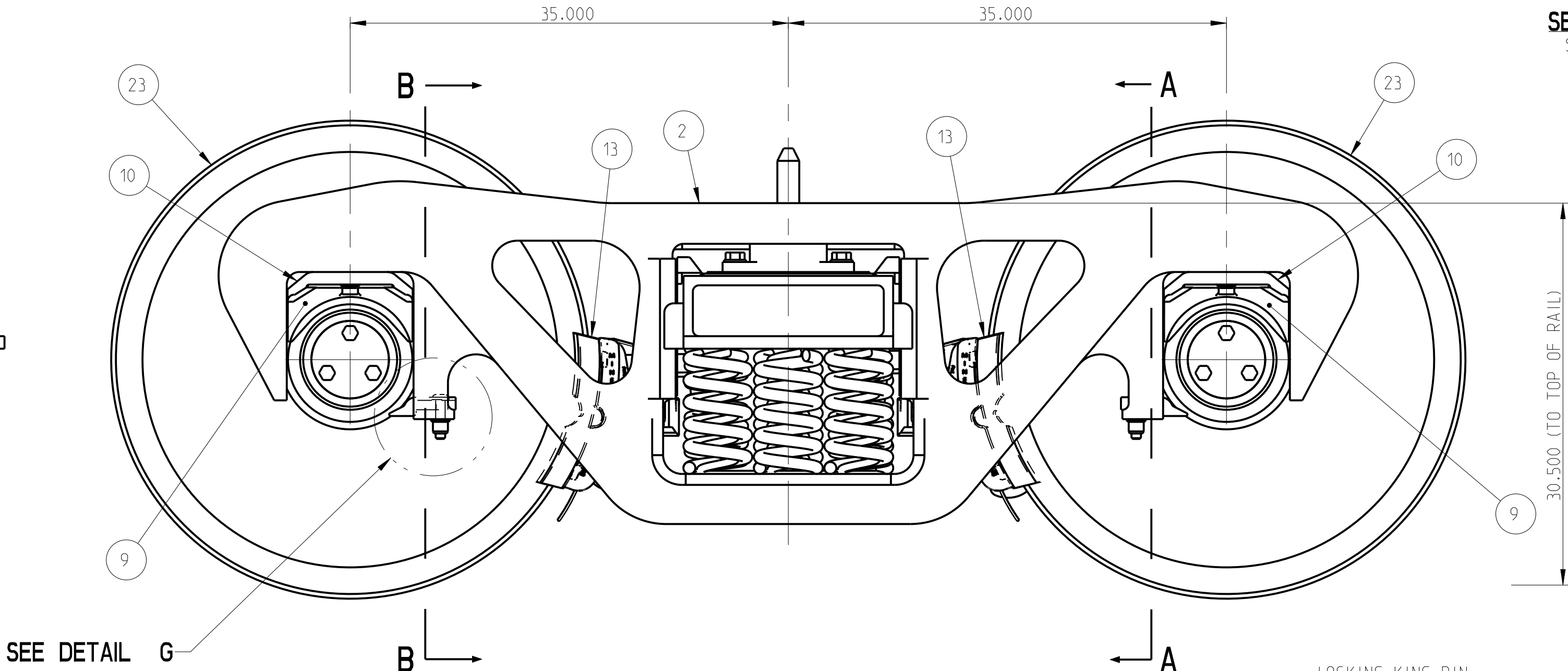
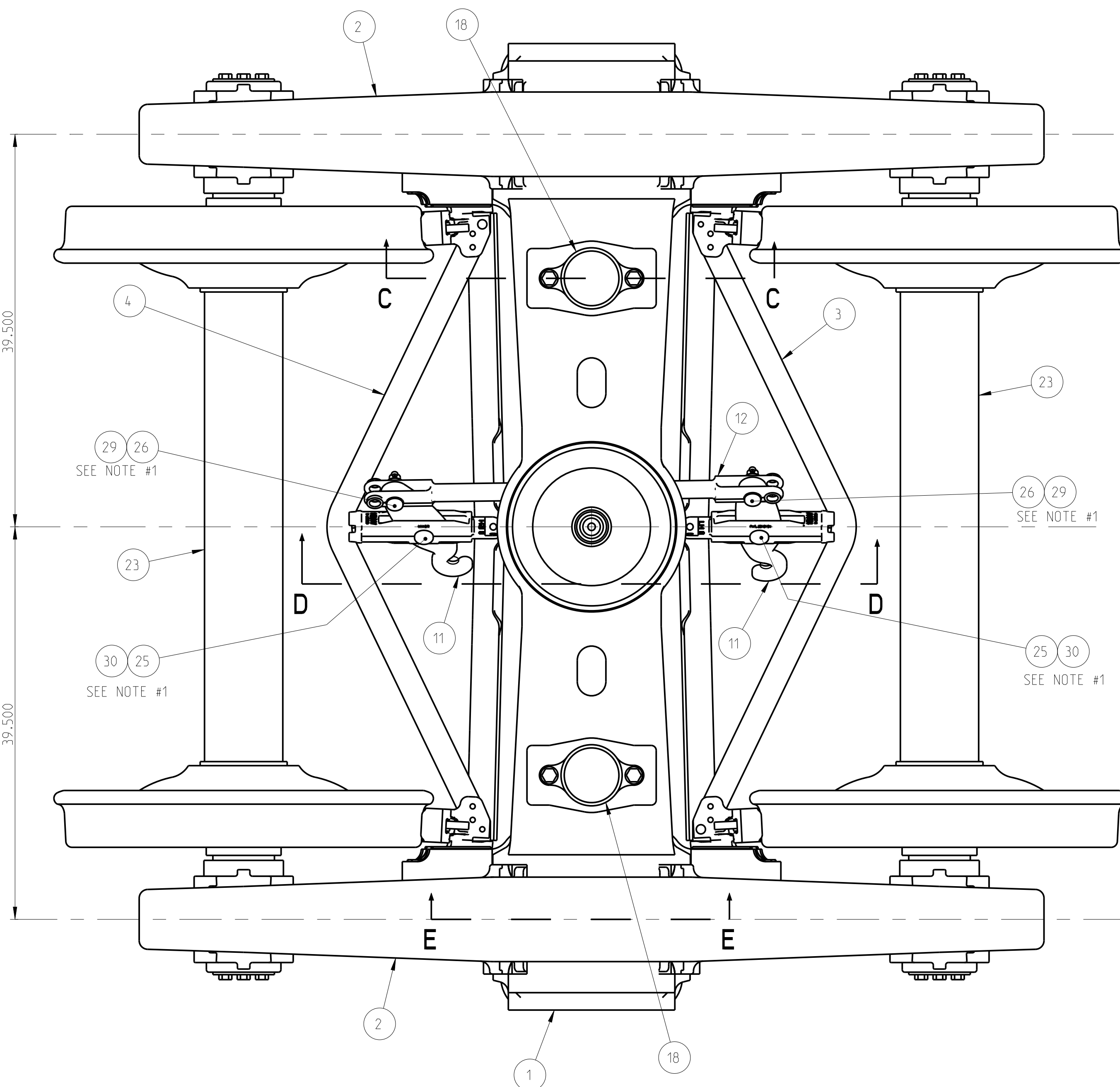
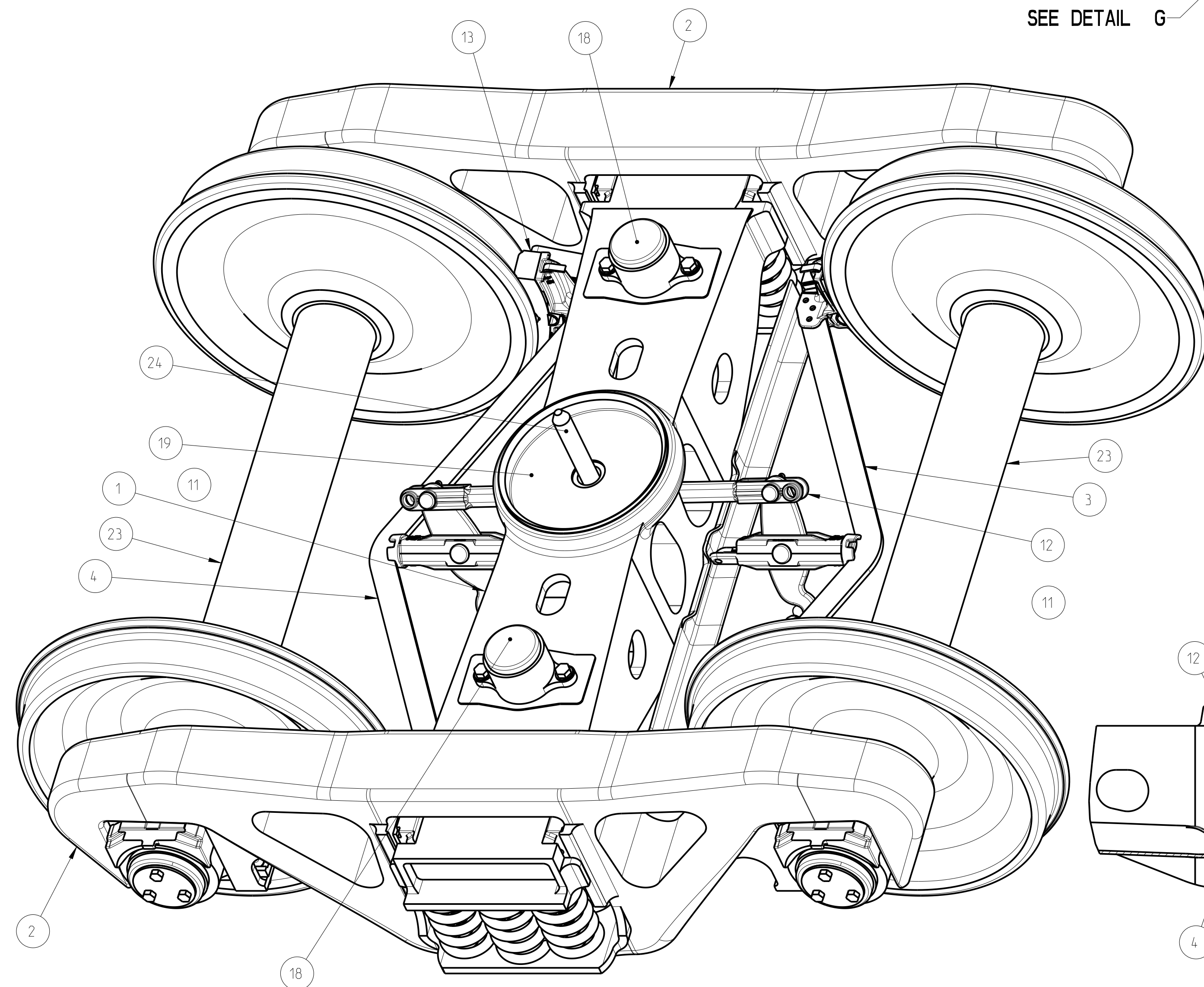
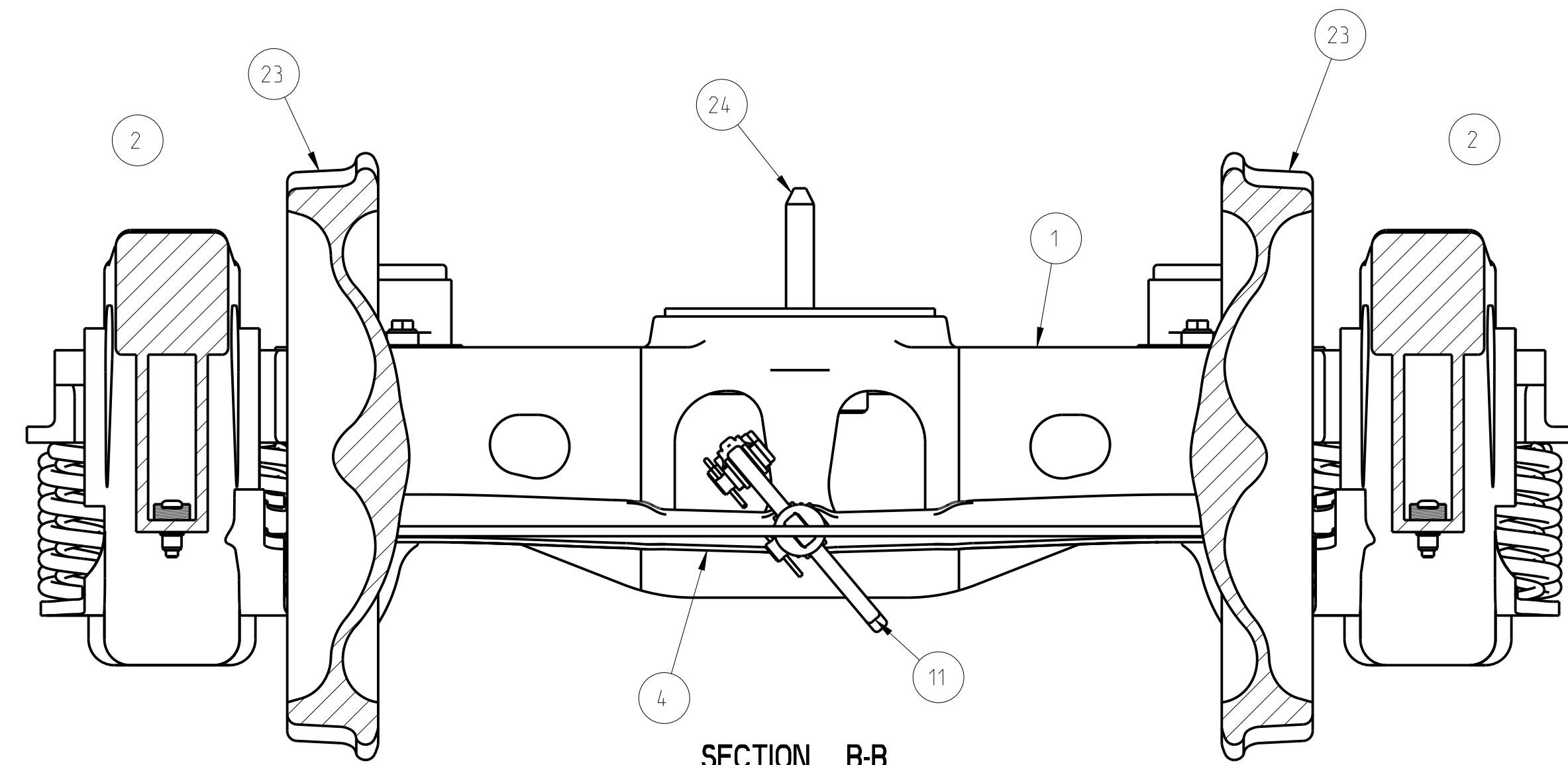
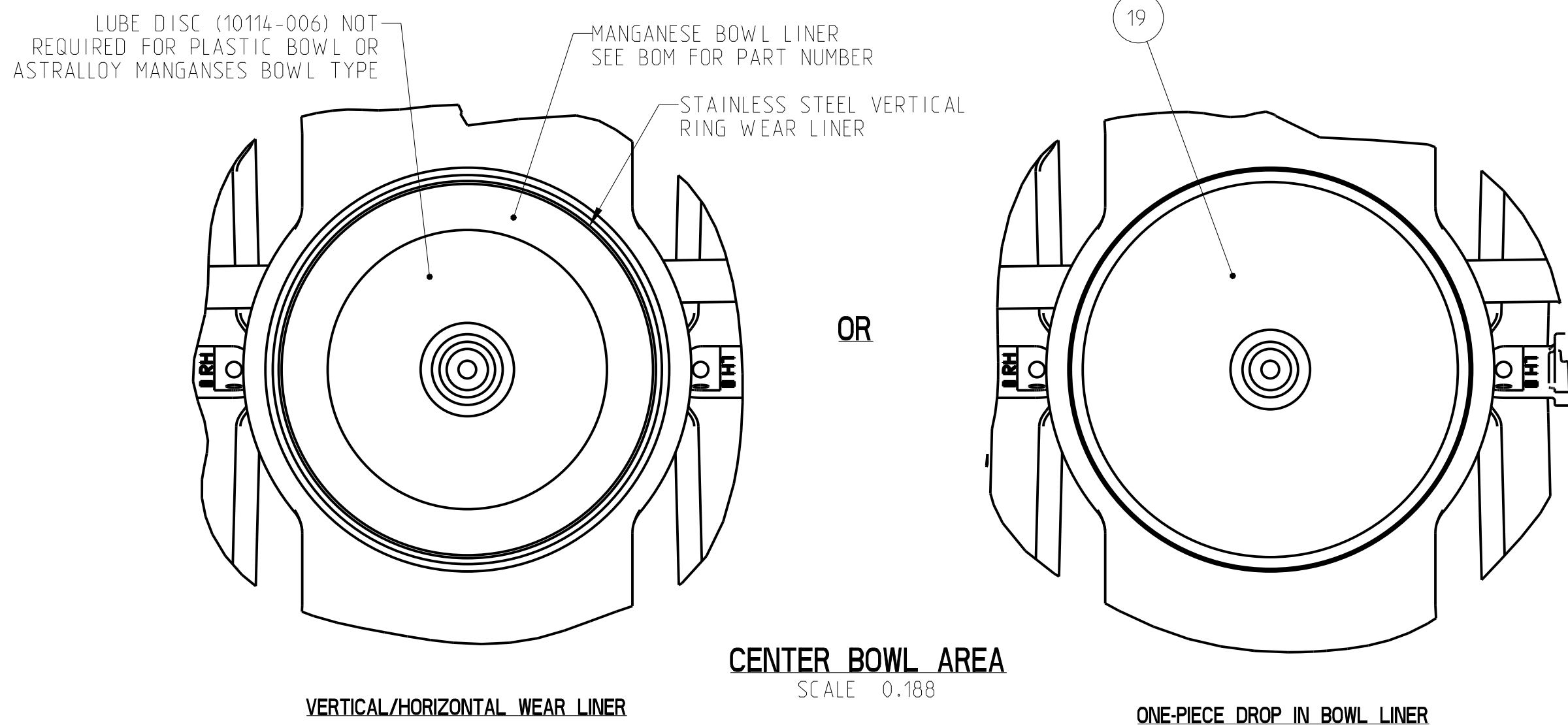
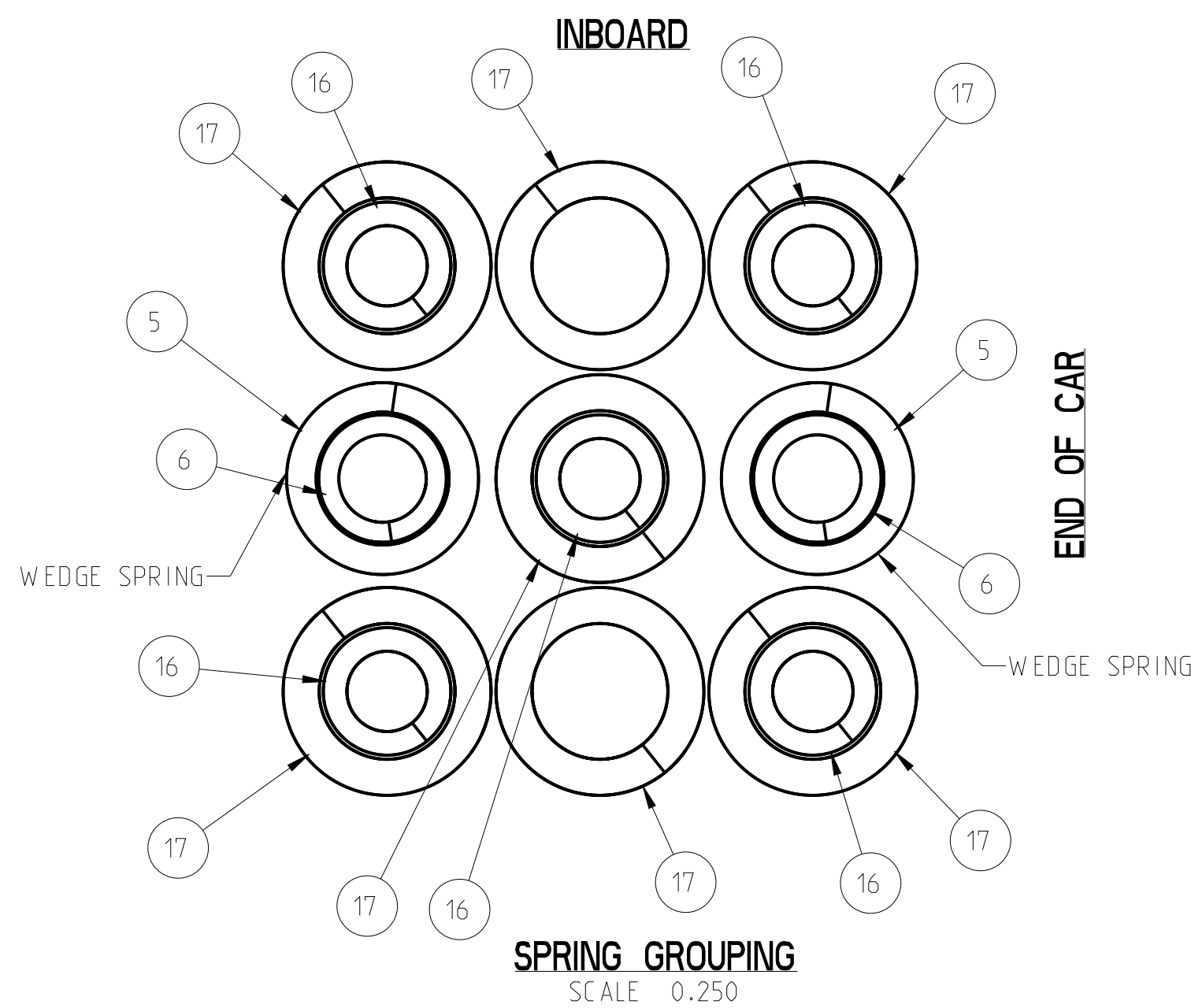
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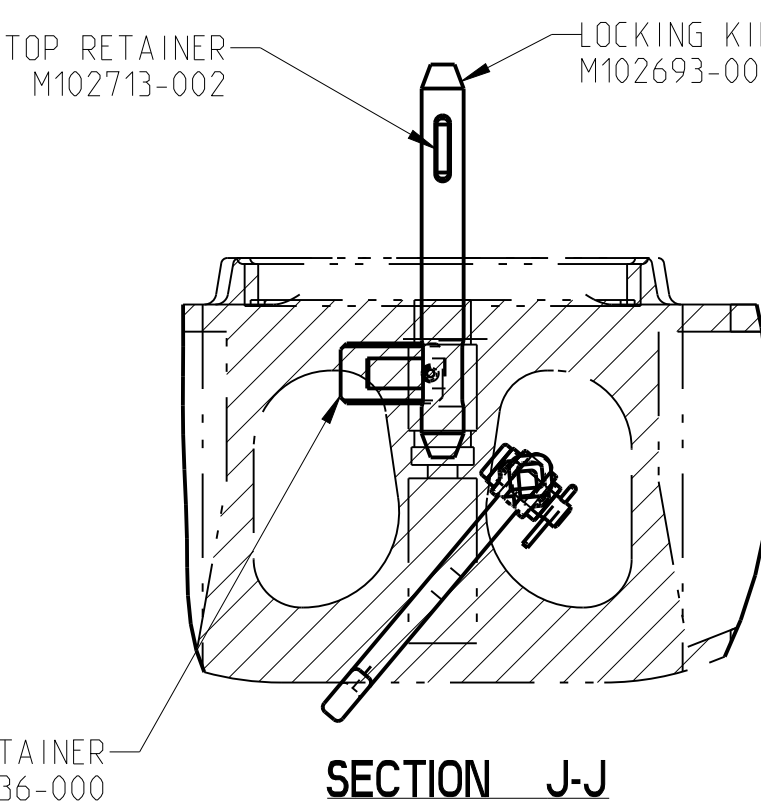
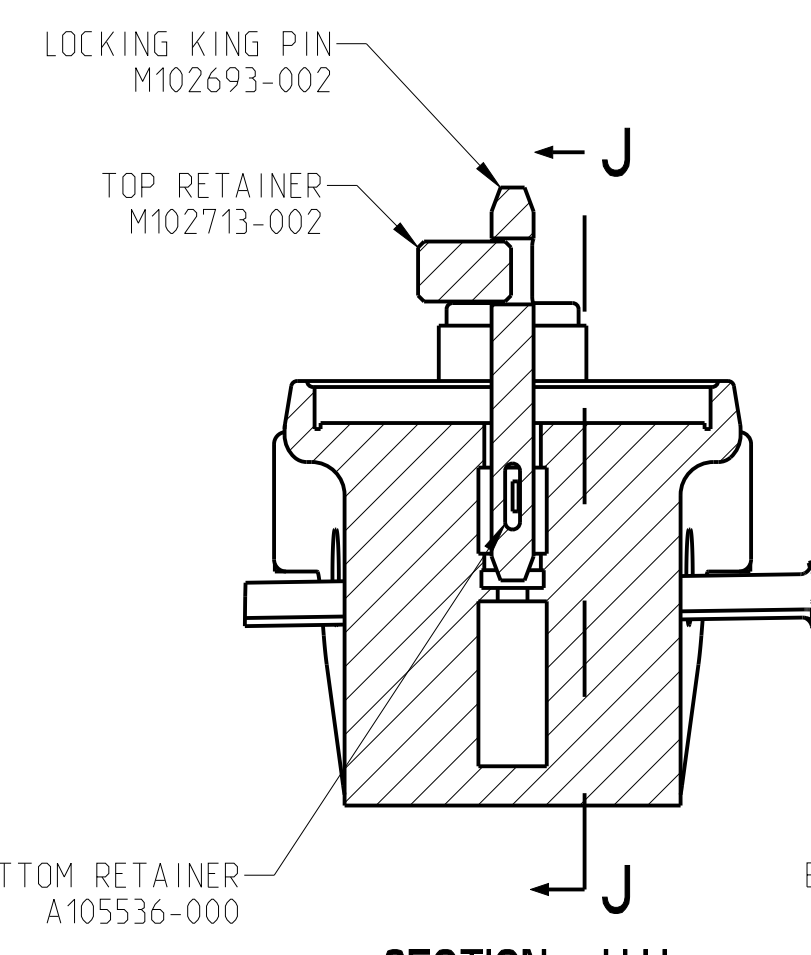
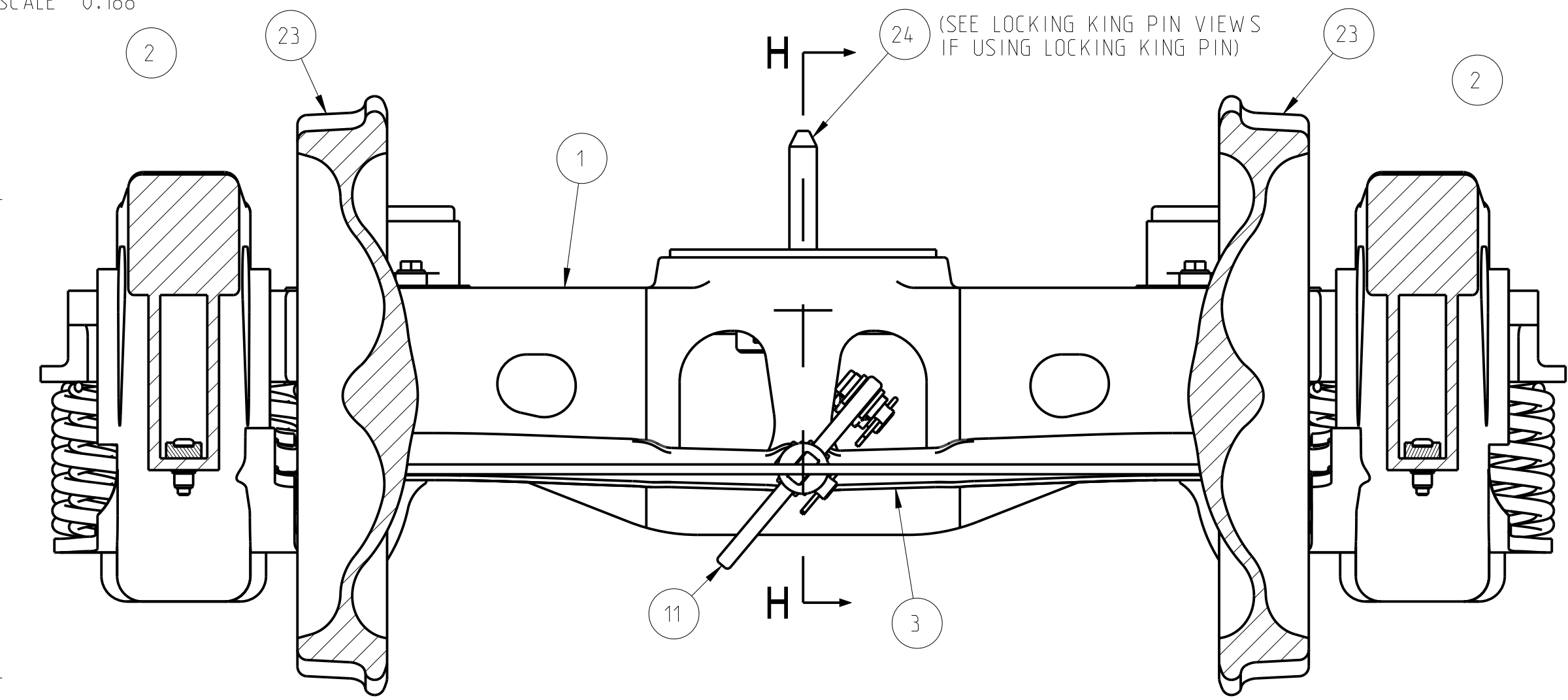
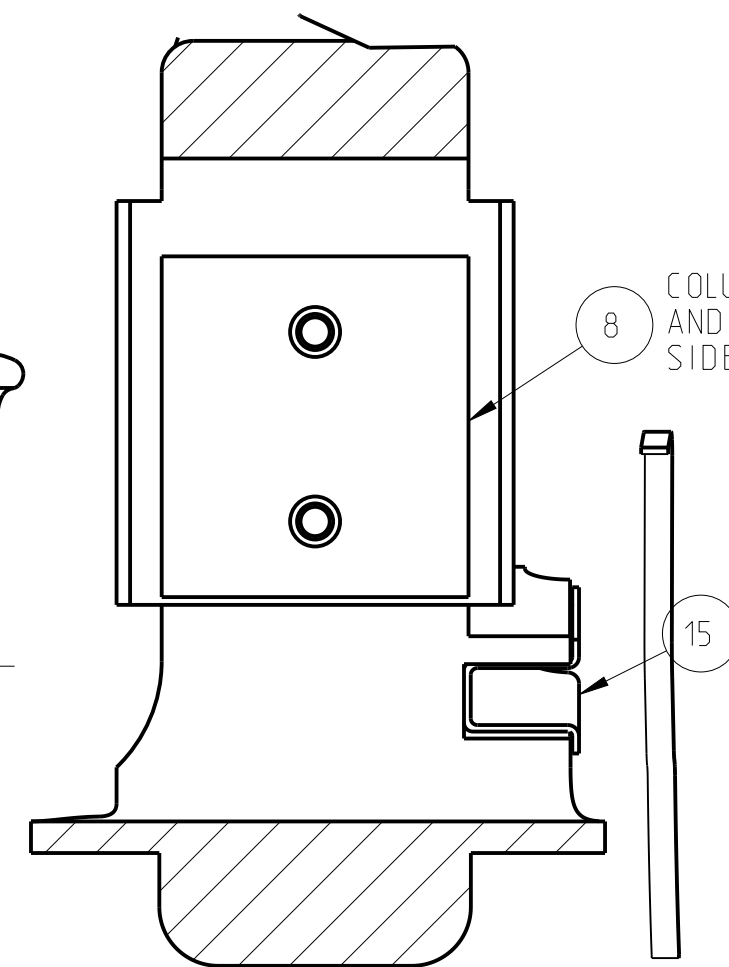
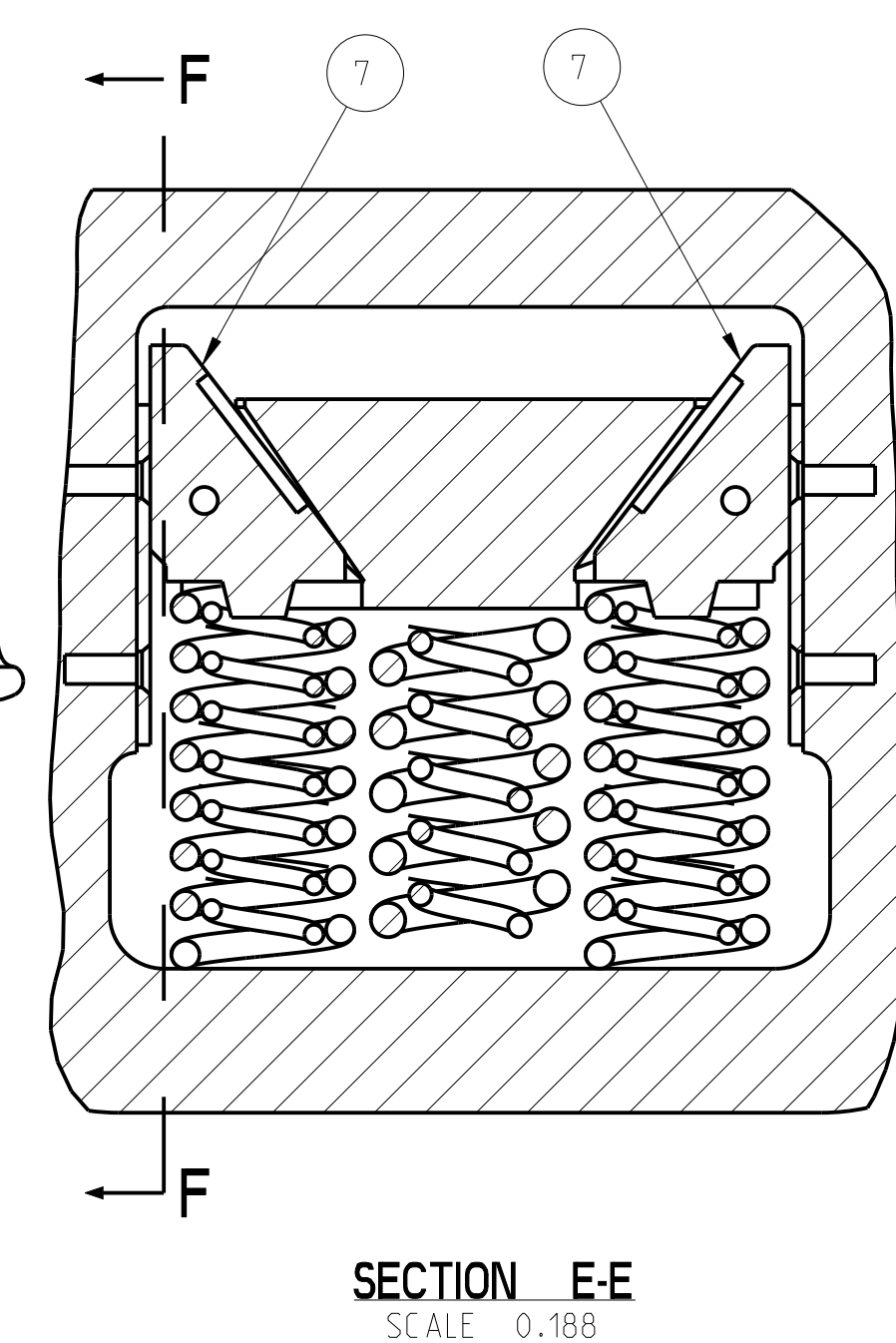
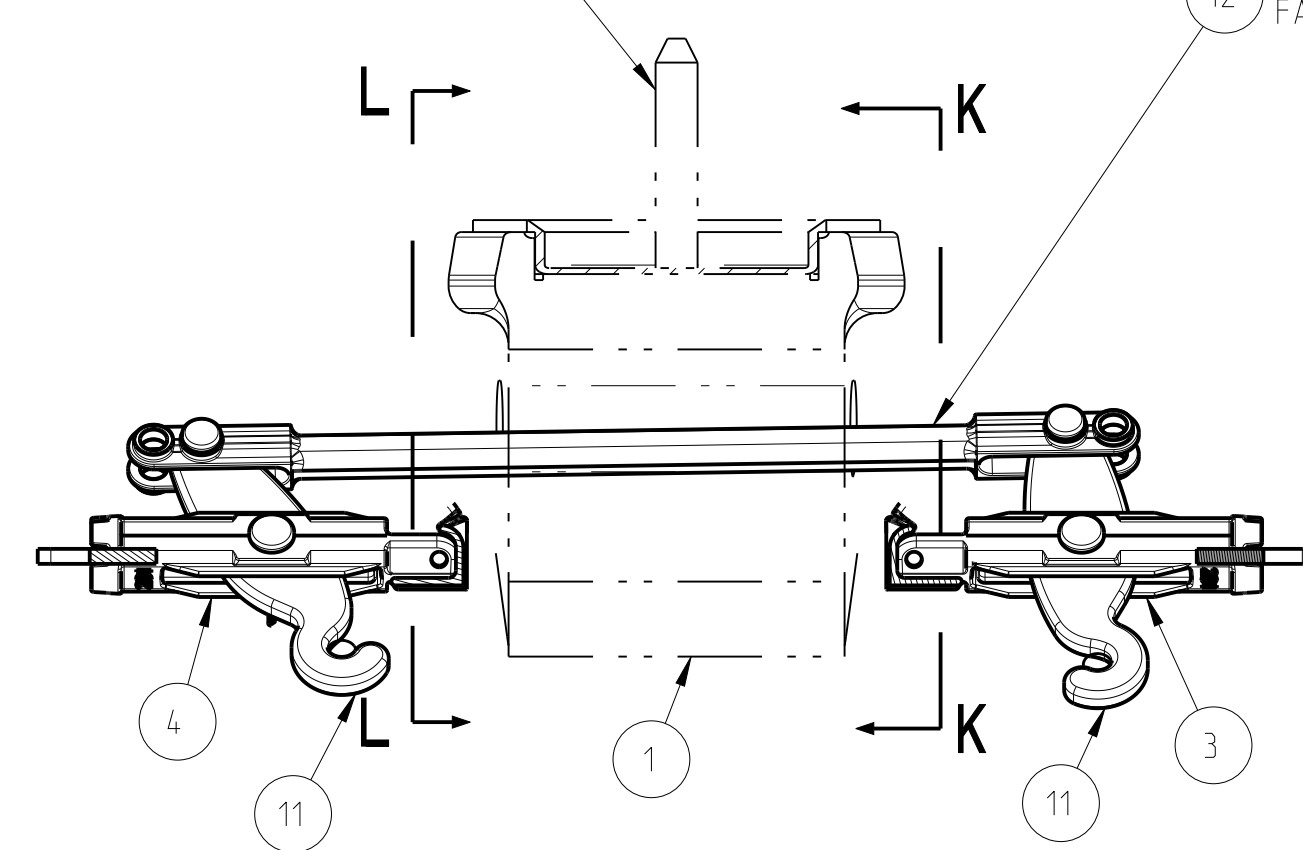
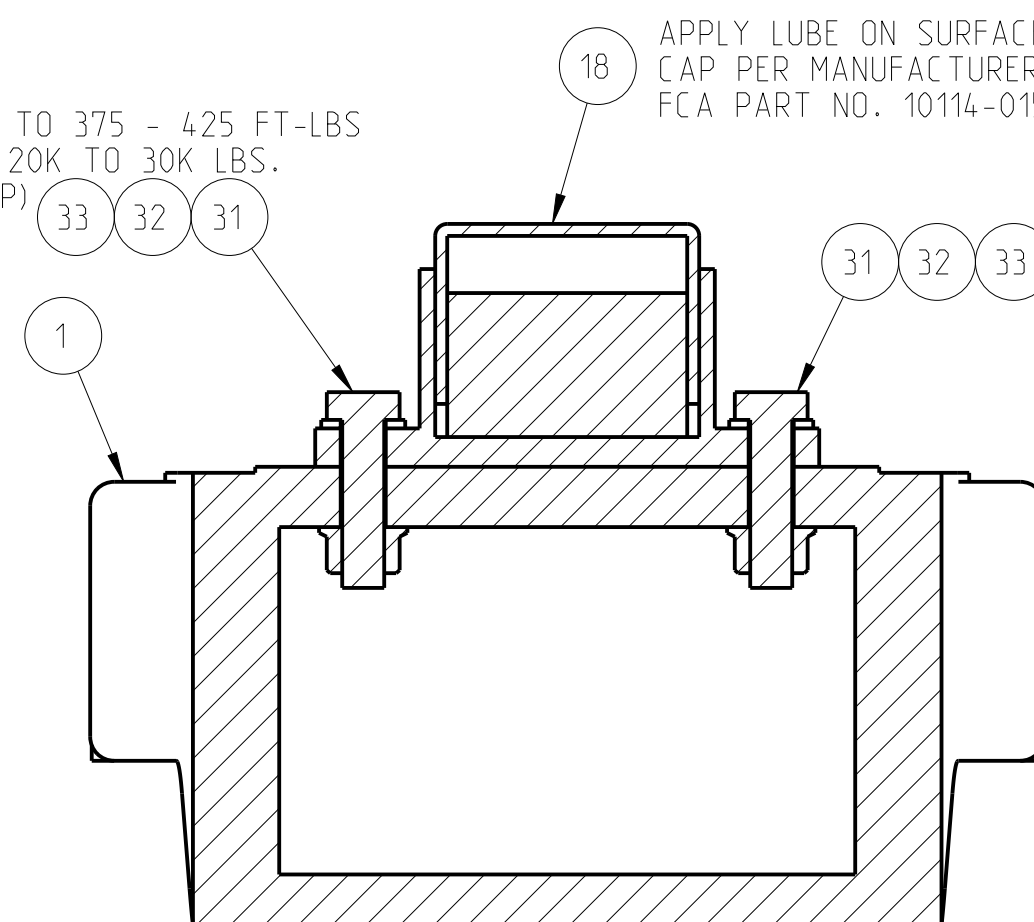
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TORQUE: (DRY) TO 375 - 425 FT-LBS  
(CLAMP FORCE 20K TO 30K LBS.  
PER BOLT) (TYP)

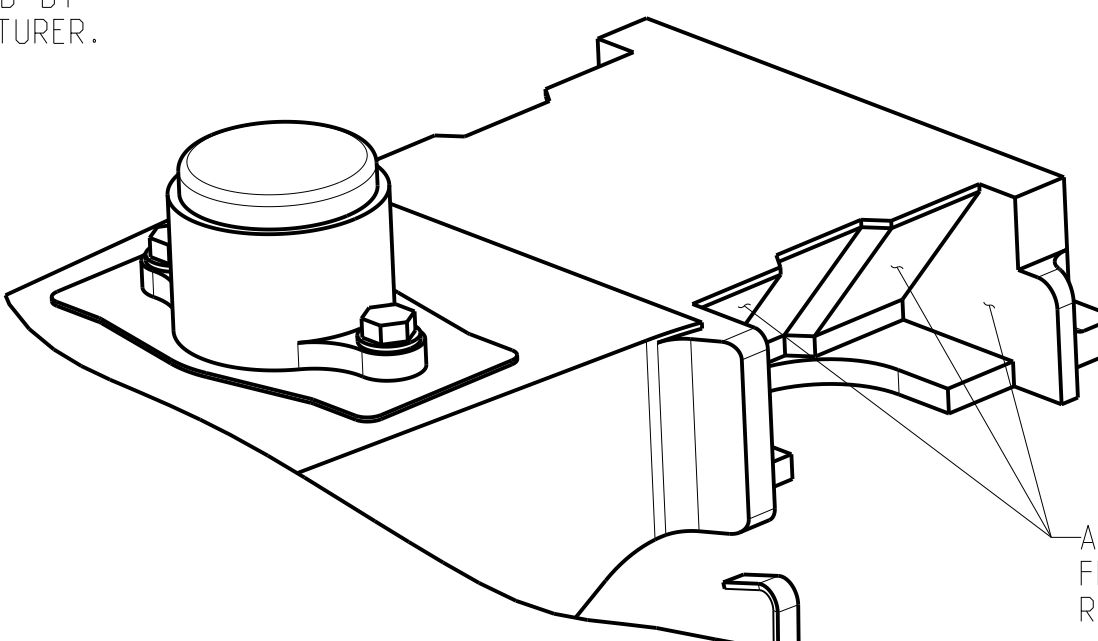


LOCKING KING PIN VIEWS

NOTE:  
1. COTTER KEYS CAN BE REPLACED WITH STANDARD KEYS (10238-010 WITH 10238-007 AND 10238-011 WITH 10238-008).  
2. REFERENCE MANUFACTURER PRINTS FOR ADDITIONAL INFO.  
3. SEE FCA SPECIALTY PDF 10108-KEY-APP FOR APPLICATION OF BRAKE SHOE KEYS.

## BILL OF MATERIAL

Permissible For Substitution	Item No.	Part No.	Description	Quantity
N	1	10100-GEN-MC	BOLSTER, SUPERSERVICE RIDMASTER, SEE BOM FOR PART NO.	1
N	2	10101-GEN-MC	SIDE FRAME, SUPERSERVICE RIDMASTER, SEE BOM FOR PART NO.	2
N	3	10102-GEN-LH	BRAKE BEAM, #24 LEFT HAND, SEE BOM FOR PART NO.	1
N	4	10102-GEN-RH	BRAKE BEAM, #24 RIGHT HAND, SEE BOM FOR PART NO.	1
N	5	10103-015-02	SNUBBER, OUTER COIL	4
N	6	10103-015-03	SNUBBER, INNER COIL	4
N	7	10103-033	FRICTION, SHOE	4
Y	8	10103-035	FRICTION PLATE, SIDE FRAME COLUMN	4
N	9	10104-GEN-01	ADAPTER, ROLLER BEARING 6 1/2" X 9" NARROW, SEE BOM	4
N	10	10104-GEN-02	ADAPTER, ROLLER BEARING PAD, SEE BOM FOR PART NO.	4
N	11	10105-GEN-01	TRUCK LEVER, 6 X 6 HOOK (SEE BOM FOR PART NO.)	2
N	12	10106-GEN-03	TRUCK LEVER CONNECTION, 36" (SEE BOM FOR PART NO.)	1
N	13	10107-GEN	BRAKE SHOE, (SEE BOM FOR PART NO.)	4
N	14	10108-GEN	KEY, BRAKE SHOE (SEE BOM FOR PART NO.)	4
N	15	10109-GEN	WEAR PLATE, BRAKE BEAM (SEE BOM FOR PART NO.)	4
N	16	10111-GEN-D5-I	SPRING, D5-INNER, SEE BOM FOR PART NO.	10
N	17	10112-GEN-D5-O	SPRING, D5-OUTER, SEE BOM FOR PART NO.	14
N	18	10112-GEN-KIT	KIT, SIDE BEARING, SEE BOM FOR PART NO.	2
N	19	10113-GEN	WEAR LINER, CENTER BOWL, SEE BOM FOR PART NO.	1
N	20	10114-011	LUBRICANT, GEAR SHIELD	1
N	21	10114-015	LUBRICANT, NO. 2 LITHIUM	1
N	22	10117-GEN	FRAME KEY, PEDESTAL (SEE BOM FOR PART NO.)	4
N	23	10123-000	ASSEMBLY, WHEEL MOUNT	2
N	24	10132-005	KING PIN, 1 3/4" X 15"	1
N	25	10224-015	BRAKE PIN, 1.3437" DIA X 3"	2
N	26	10224-031	BRAKE PIN, 1.0937" DIA X 3"	2
Y	27	10231-002	LOCKBOLT, C50LR-BR24-28	4
Y	28	10231-005	COLLAR, 3LC-2R24GL	4
Y	29	10238-010	COTTER PIN, 5/16" X 2 1/2", SELF-LOCK	2
Y	30	10238-011	COTTER PIN, 5/16" X 3 1/2", SELF-LOCK	2
N	31	10298-053	BOLT, 7/8" DIA X 3 1/2"	4
N	32	10340-007	WASHER, 7/8" HARDENED	4
N	33	10342-007	NUT, 7/8" UNA-DRIV STOVER	4



FRICTION SHOE POCKET LUBE

SCALE 0.188

(SEE LOCKING KING PIN VIEWS IF USING LOCKING KING PIN)

ECO CAS601845, DELETED INBOARD AND OUTBOARD NOTES FROM TOP VIEW.

B 07-29-22 MCH PER ECO CAS600926 ITEM 11

10105-GEN-01 WAS SHOWN AS 10105-034, ITEM 12

10106-GEN-03 WAS SHOWN AS 10106-001.

A 09-26-17 MCH ADDED NOTE 3 FOR APPLICATION OF BRAKE SHOE KEYS.

Level Date Approved Description

## REVISIONS

**FreightCar America**

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## Standard Tolerances (Unless Noted)

Decimal Dimensions ± 0.063 Hole Diameters ± 0.031  
Diagonals 0.025 Max. Variation Angles ± 1°  
Radii will be thickness of material Tolerances are not accumulative

Made By: CSW Date: 12-03-15 Ref Dwg: -

Approved: CSW Do Not Scale Drawing Est. w/t: 13283.28 lbs

ASSEMBLY, TRUCK, MOTION CONTROL-HOOK & EYE

Sheet 1 of 1 Size E Drawing / Part Number A108933-000 Key C