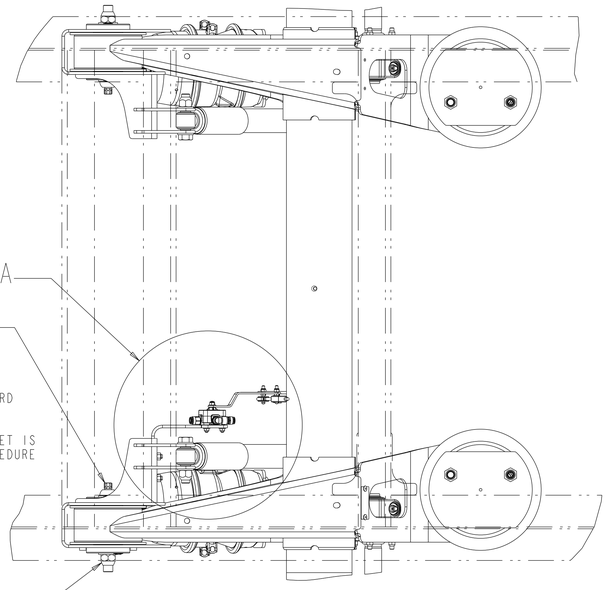
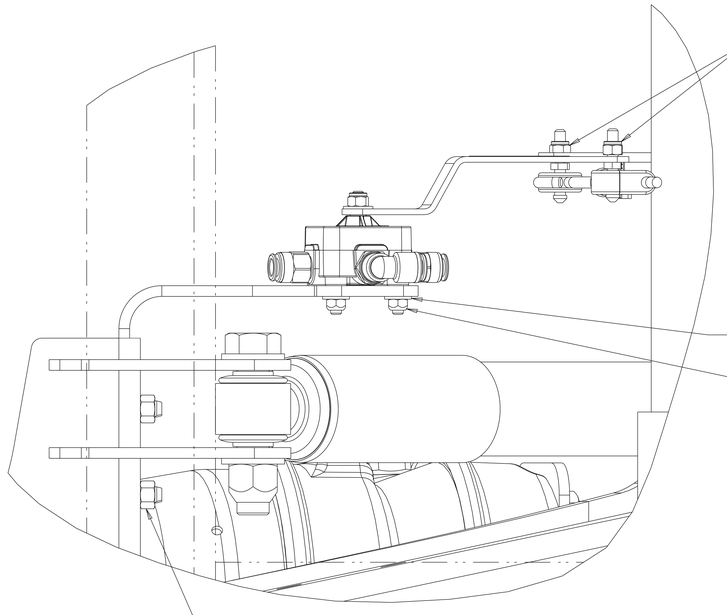
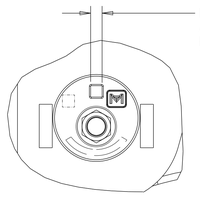
SIM.PARTS			
REVISIONS			
A	RELEASE FOR PROTOTYPE	ECN-139563 06/15/17	MDM LS
B	I-TORQUE WAS INCH LBS. RELEASE FOR PRODUCTION	ECN-166379 17-JUN-20	MDM SS
C	ADDED N-36Z	ECN-172650 20-OCT-20	CH SS



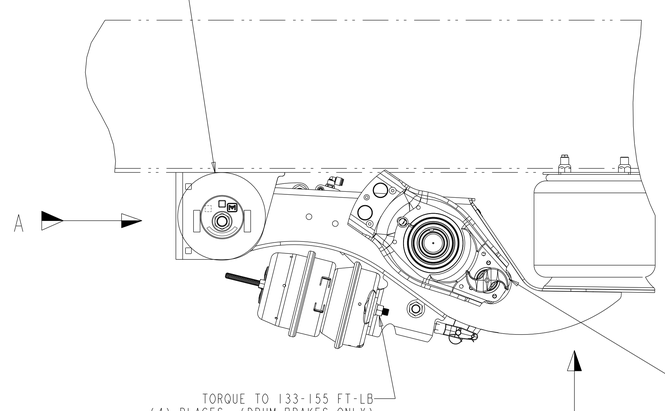


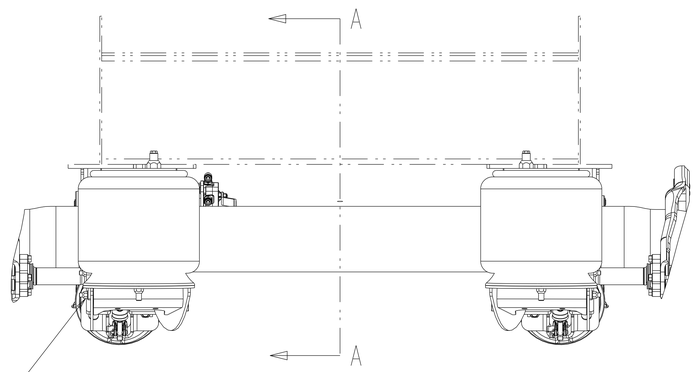
C

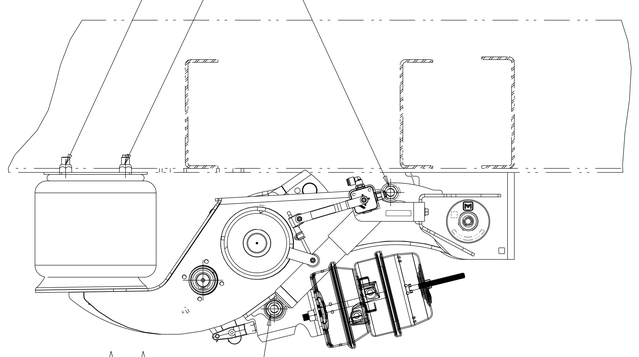
DETAIL A
SCALE 3:4



DETAIL B
SCALE 19:50







SECTION A-A

B

CAM INSTALLATION PROCEDURE:

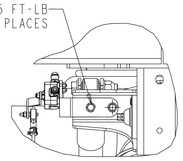
1. CAM BUSHING AND RETAINER RING TO BE INSTALLED LOOSE ON TRAILING ARM PRIOR TO CAM INSTALLATION. (BUSHING LOCATED INBOARD, RETAINER RING LOCATED OUTBOARD)
2. INSTALL CAM THROUGH SPIDER AND CAM BUSHING, ROTATE CAM TO CENTER CAM BUSHING ON TRAILING ARM. CAM HEAD MUST BE AGAINST SPIDER AFTER INSTALLATION.

5 TORQUE TO 30-40 FT-LBS (4) NUTS (2) PLACES PER TORQUE SEQUENCE

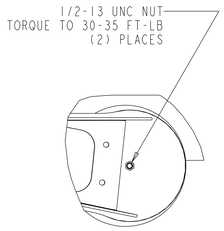
6 AFTER FINAL TORQUE OF CAM BUSHING, CAMS MUST ROTATE FREELY

4 TORQUE BOLT TO 270-300 FT-LB (2) PLACES

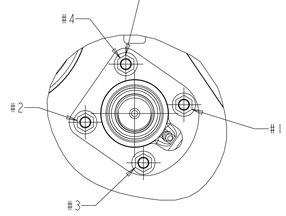
B1
TORQUE TO 25-35 FT-LB
(2) PLACES



VIEW IN DIRECTION OF ARROW "A"



VIEW IN DIRECTION OF ARROW "B"



TORQUE SEQUENCE
(2) PLACES

NOTES:

SOME COMPONENTS REMOVED FOR CLARITY

TORQUE ALL FASTENERS WITH SUSPENSION AT RIDE HEIGHT

REFER TO APPROPRIATE 4-60559 LAYOUTS TO OBTAIN AXLE COMPONENT TORQUE VALUES

QUALITY CONTROL CHARACTERISTICS

- DENOTES SAFETY RELATED CHARACTERISTIC
- DENOTES MAJOR CHARACTERISTIC
- 1 PIVOT NUT SHIPPING TORQUE
- 2 SHEAR BOLT FINAL TORQUE
- 3 UPPER SHOCK BOLT TORQUE
- 4 LOWER SHOCK BOLT TORQUE
- 5 CAM BUSHING ASSY TORQUE
- 6 CAMS ROTATE FREELY AFTER CAM BUSHING ASSY TORQUED
- 7 SOCKET ENGAGEMENT

	RIDE HEIGHT	HEIGHT CONTROL LINKAGE LENGTH ◑
SHOWN	6.5	4.00
	7.5	4.75
	8.0	5.125
	9.0	5.875
	12.0	5.50
	14.0	5.50
	15.0	6.25
	16.0	5.50
	17.0	6.25

◑ LINKAGE LENGTHS SHOWN ARE FOR INITIAL SET-UP ONLY. FINE TUNING SHOULD BE DONE USING SLOT FEATURE ON VALVE MOUNTING BRACKET TO ADJUST VALVE ANGLE OR BY ADJUSTING LINKAGE LENGTH AS NEEDED.

NOTE: FINAL RIDE HEIGHT SHOULD BE SET AFTER COMPLETING SUSPENSION ALIGNMENT PROCEDURE.

SUSPENSION SERIES: MTA-TEC6-23L

MATERIAL					
PROCESS				3RD ANGLE PROJECTION	
	PROJECT ENGINEER	SCHUCK			
	DRAWN BY	MARCETTI			
	CHECKED BY	SCHUCK			
WEIGHT RGH./FIN.	SCALE	DESIGN CONTROL GROUP	CHANGE REQUEST #	DRAWING	MODEL
LBS	19:100	TRAILERS N/A		4-60559_43 C.2	4-60559_43 C.2
ORIGINAL FOR MTA-TEC6-23L					

139563	PART/DWG NO. 4-60559_43		00909
RELEASE	NAME TORQUE VALUES		ENG.DESC. CODE
DRAWING SIZE E	MERITOR.	INCH	
SHEET 1 OF 1			