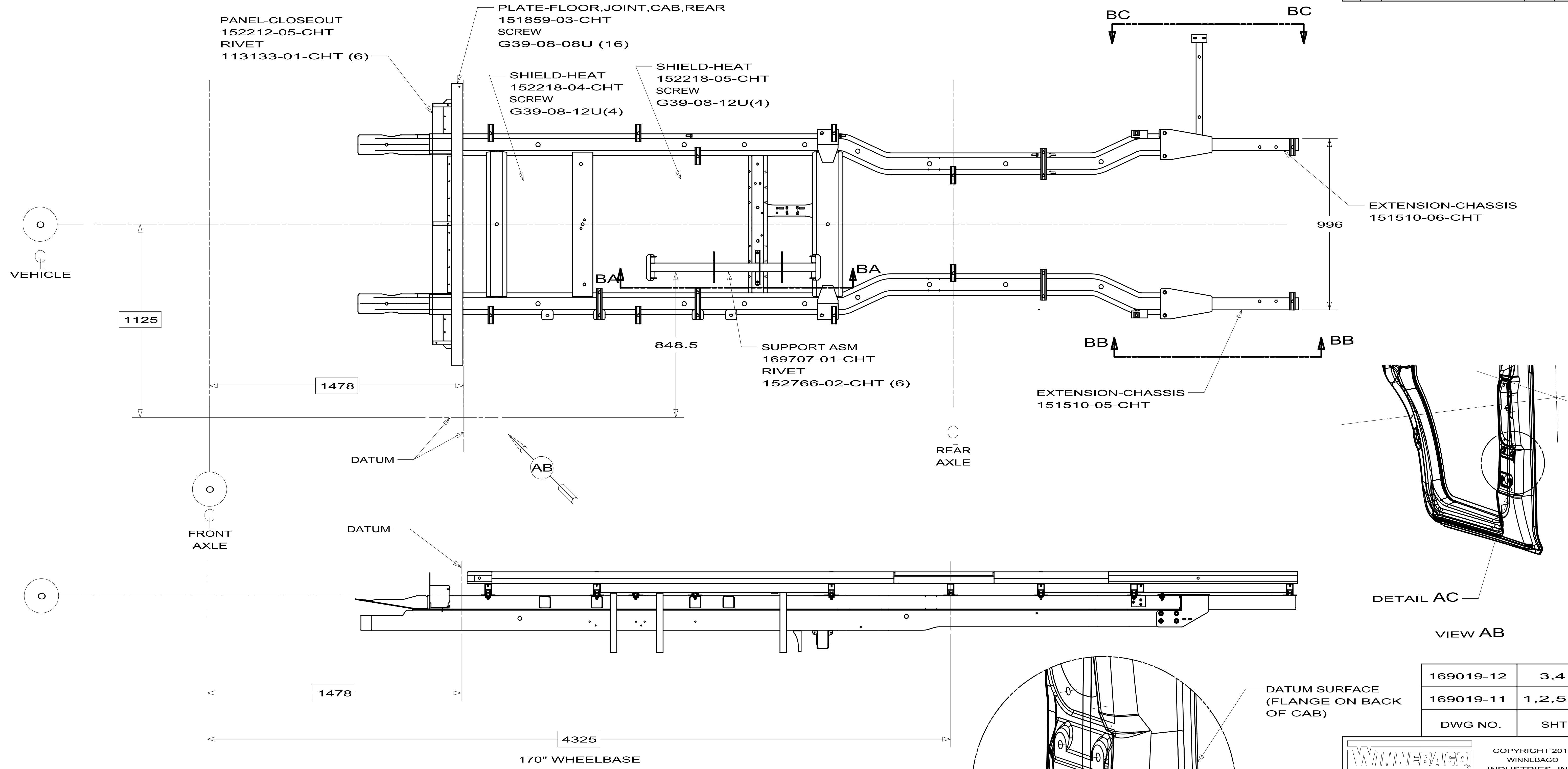
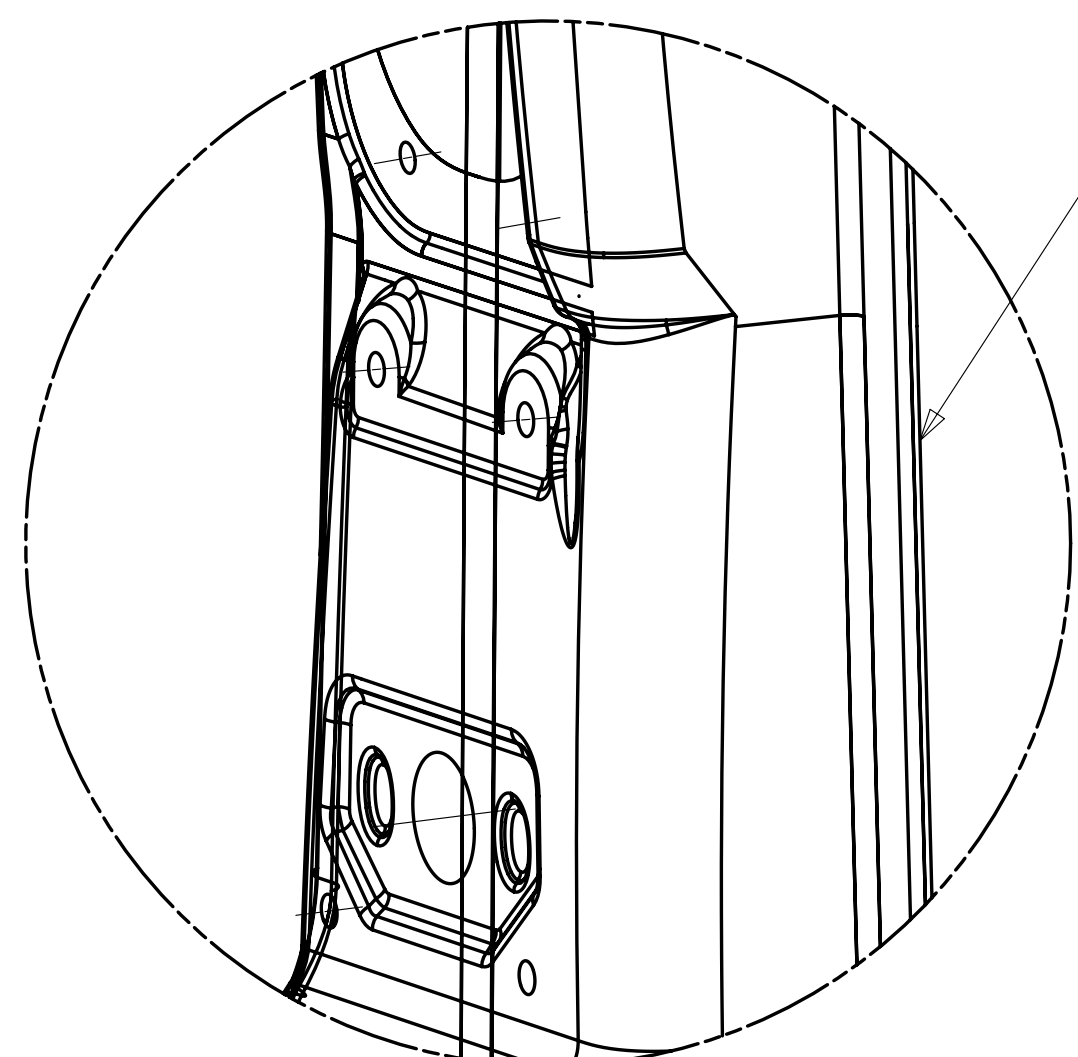


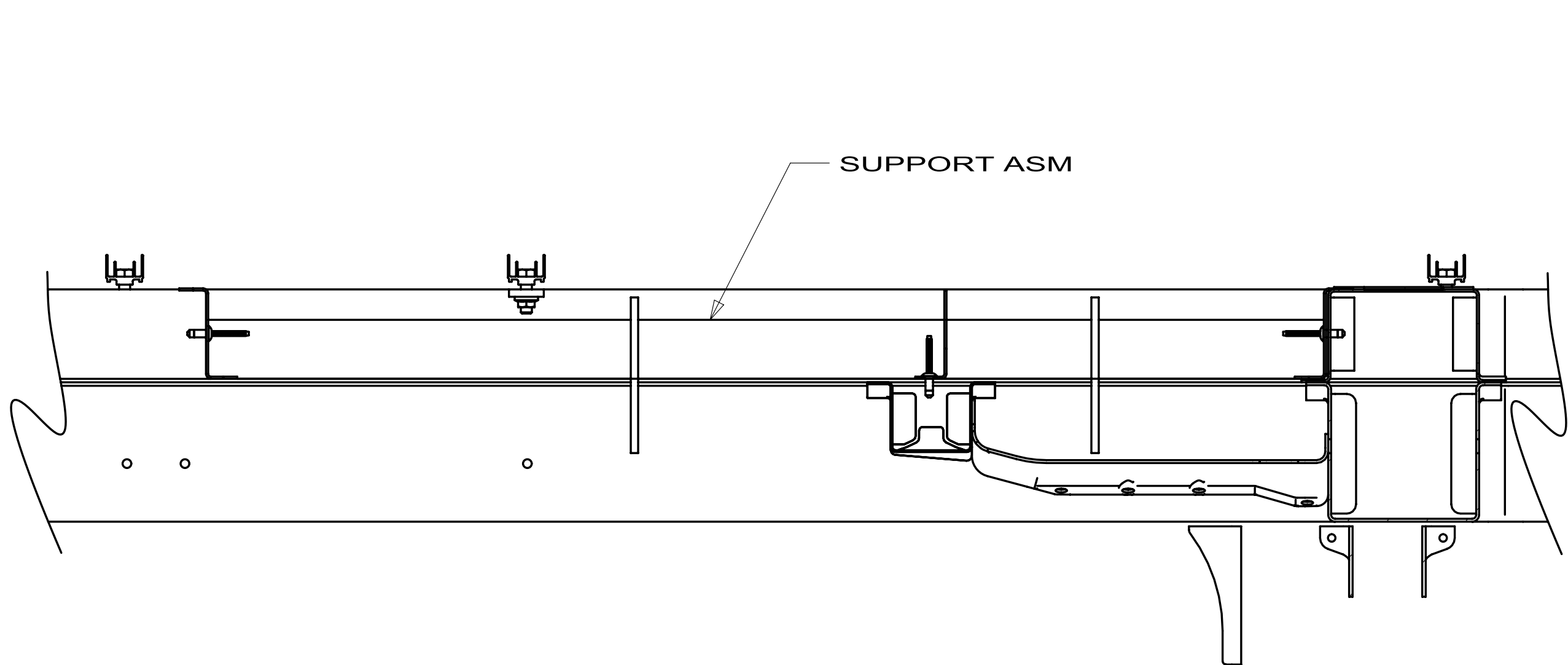


- NOTES:
1. CLEAN AND E-COAT ALL PIECE PARTS PRIOR TO ASSEMBLY.
 2. SEAL ALL JOINTS OF COMPARTMENTS WITH SEALANT 53766-01-000.
 3. TORQUE BOLTS TO 70-85 Nm (52-62 FT-LBS)
 4. CLEARANCE HOLES IN FRAME RAIL FOR RIVETS ARE 6.63/7.01 DIA.

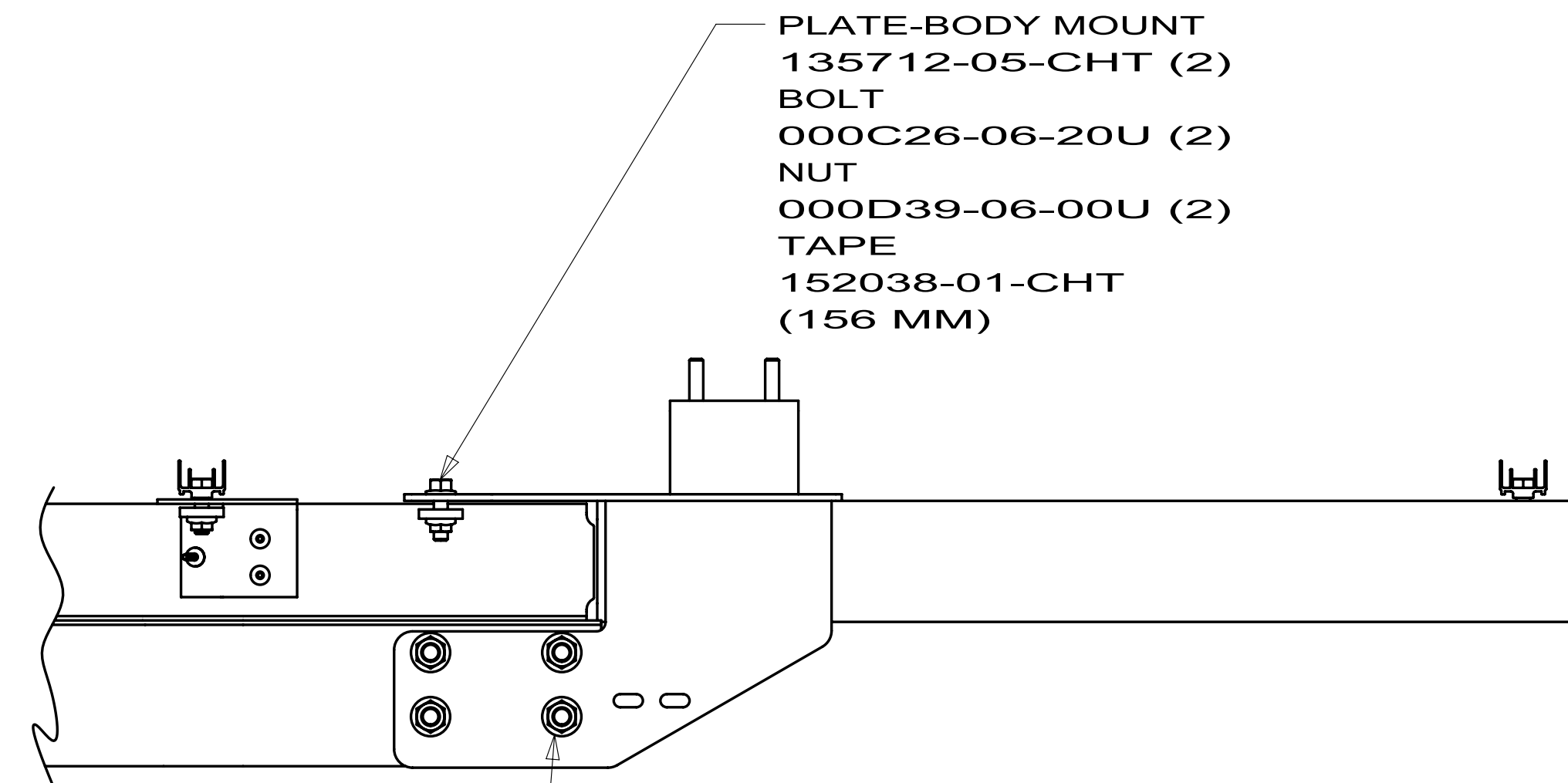


169019-12	3,4
169019-11	1,2,5,6
DWG NO.	SHT

WINNEBAGO INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFTF	ORIG. DATE	ALL DIMENSIONS ARE IN MILLIMETERS	
CHRR			
P.E.			
M.E.	FIRST USED		
DSNR		10 524K	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) : 3			
ONE-PLACE (X.X) : 1.5			
TWO-PLACE (X.XX) : 0.50			
ANGLE : 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE: FRAME ASM-CHASSIS			
SHEET 1 OF 7	PART NO	169019	REV
REF:		1	2/17/2010



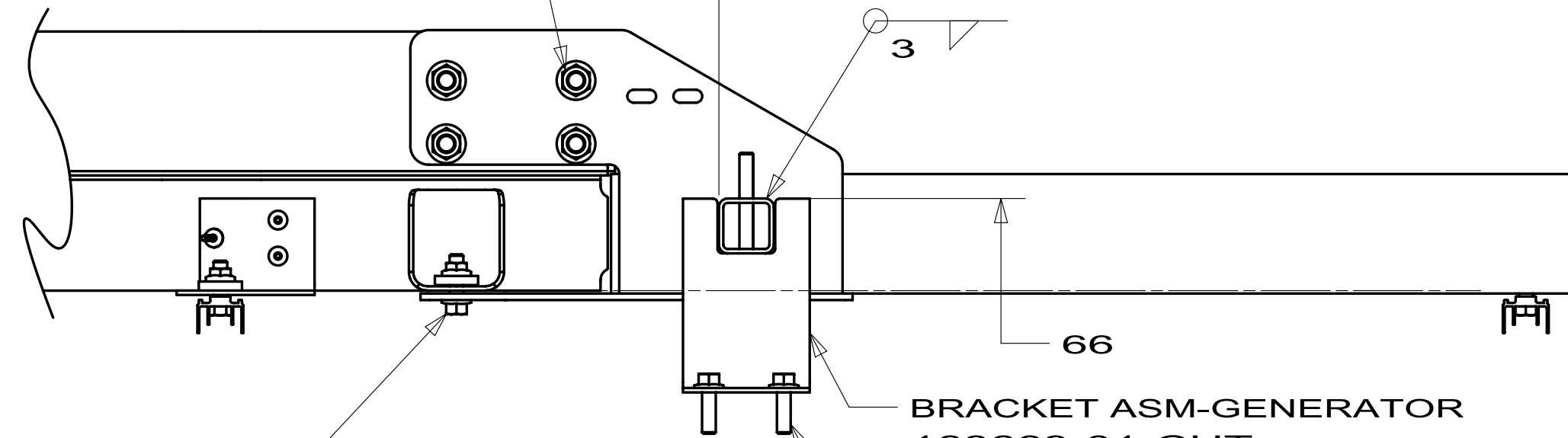
SECTION BA-BA



SECTION BB-BB

BOLT
000C12-08-64U (4)
NUT
000D39-08-00U (4)
WASHER
000E13-22-00U (4)

4259
REF

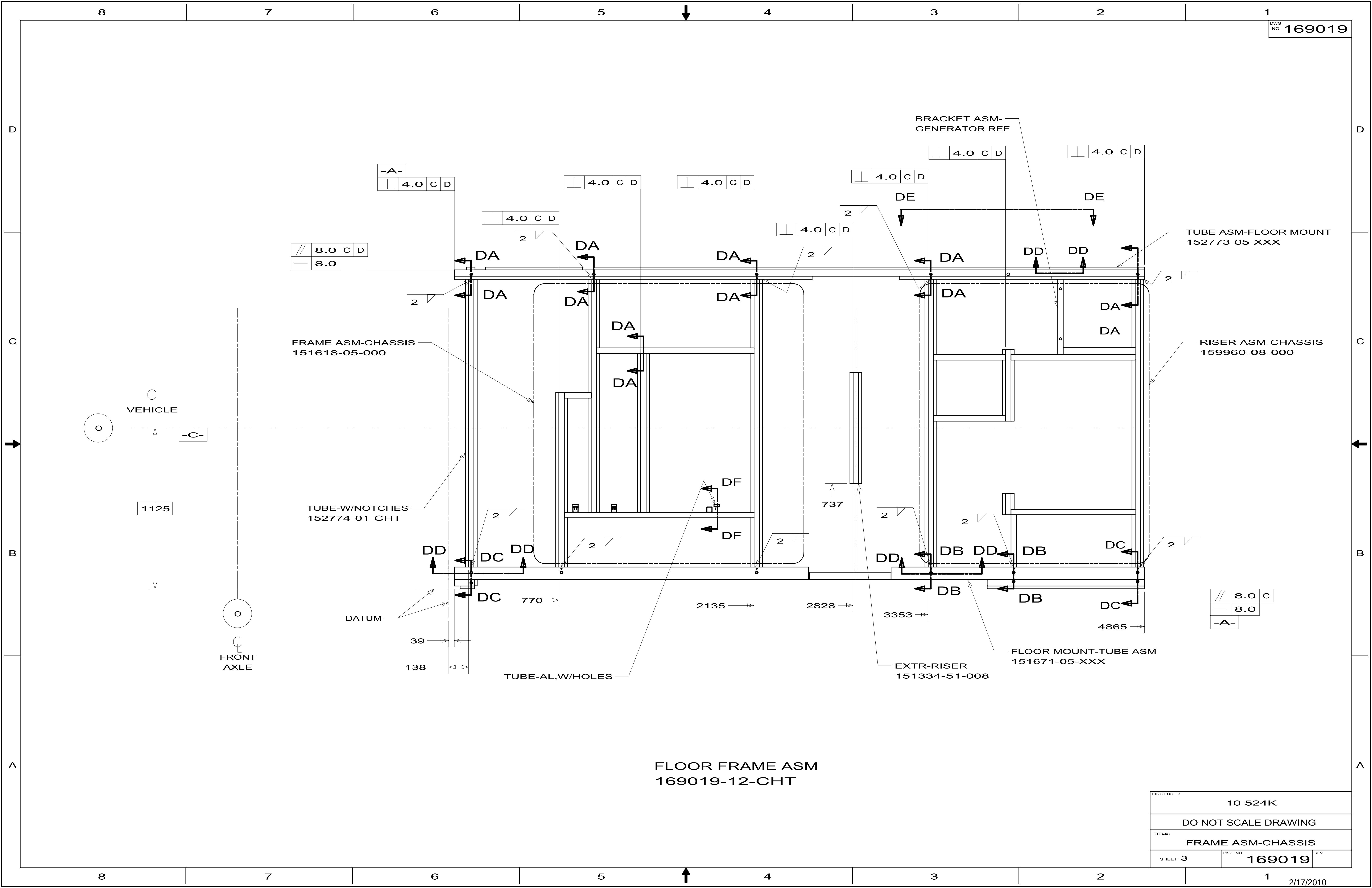


SECTION BC-BC

PLATE-BODY MOUNT
135712-05-CHT (2)
BOLT
000C26-06-20U (2)
NUT
000D39-06-00U (2)
TAPE
152038-01-CHT
(156 MM)

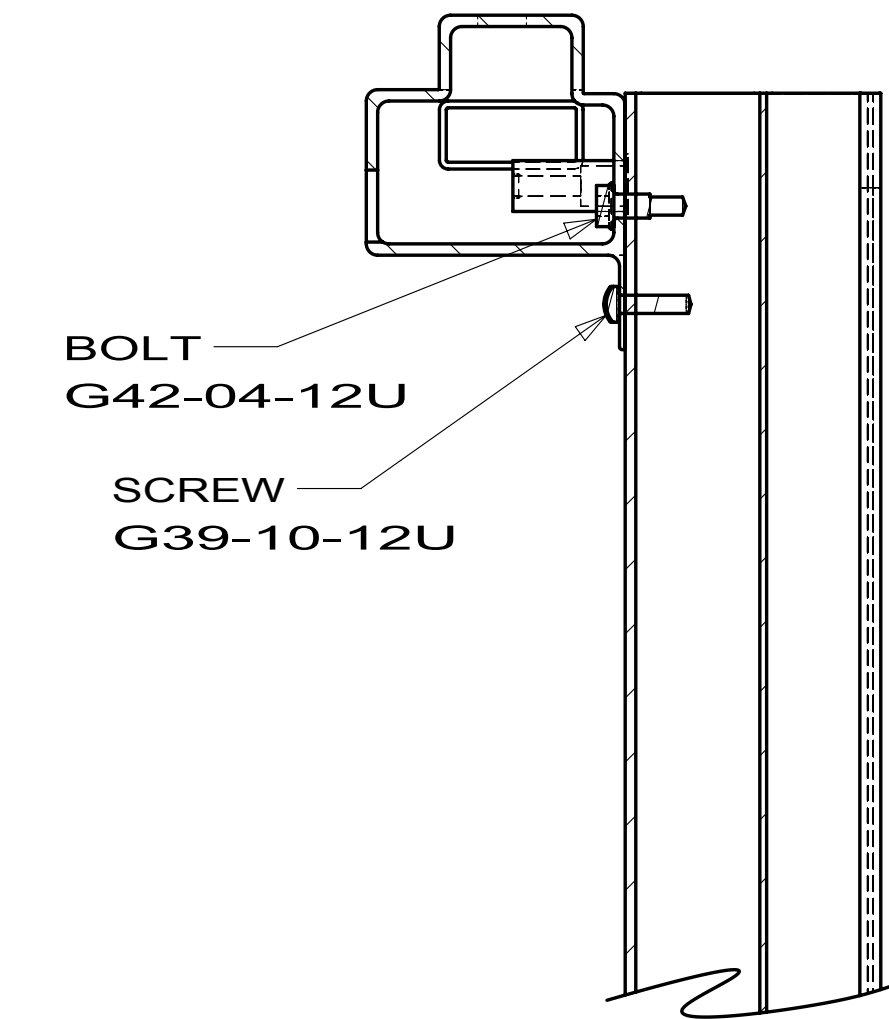
BOLT
000C26-06-20U(2)

FIRST USED			10 524K
DO NOT SCALE DRAWING			
TITLE: FRAME ASM-CHASSIS			
SHEET 2	PART NO	169019	REV

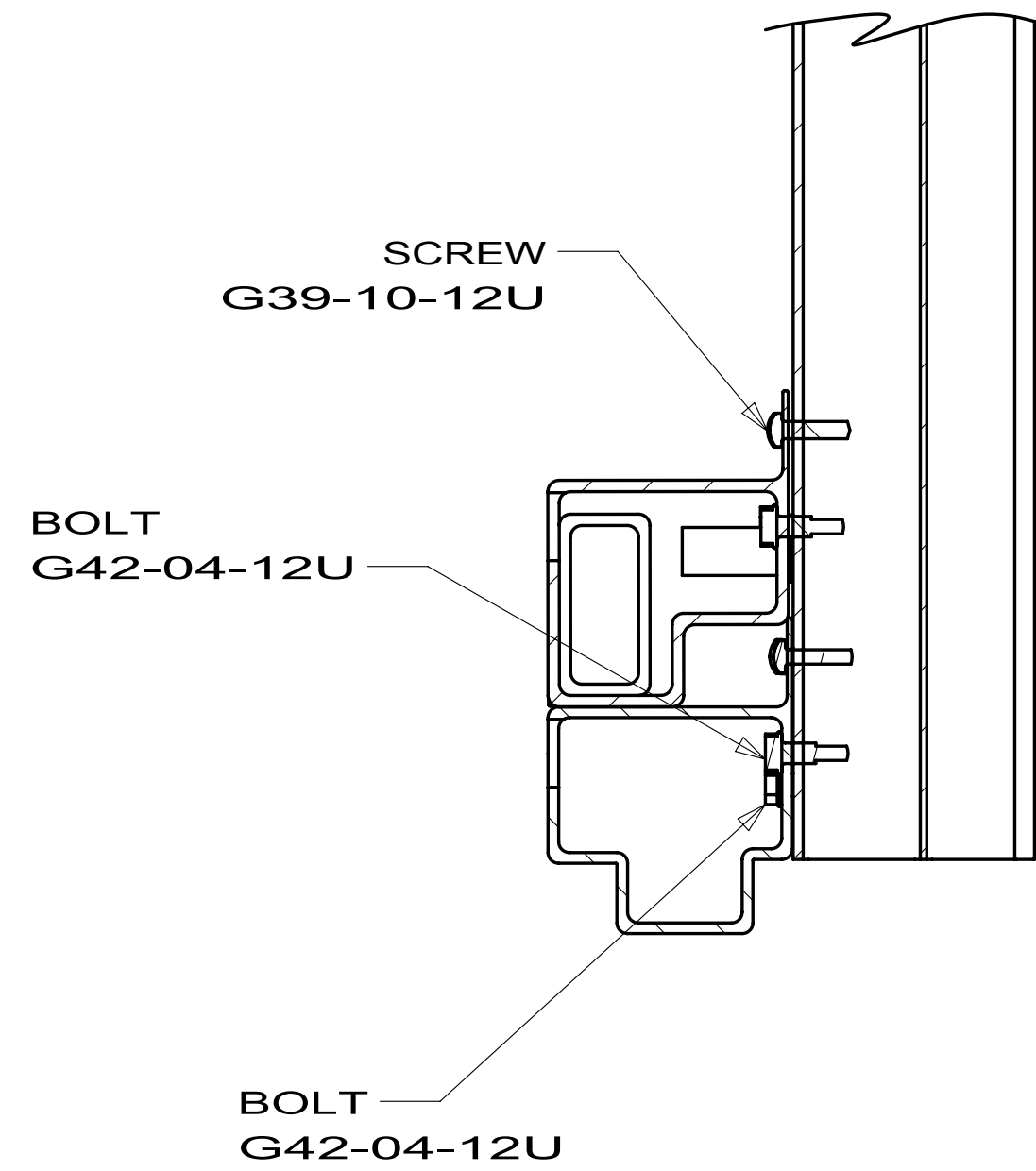


FLOOR FRAME ASM
169019-12-CHT

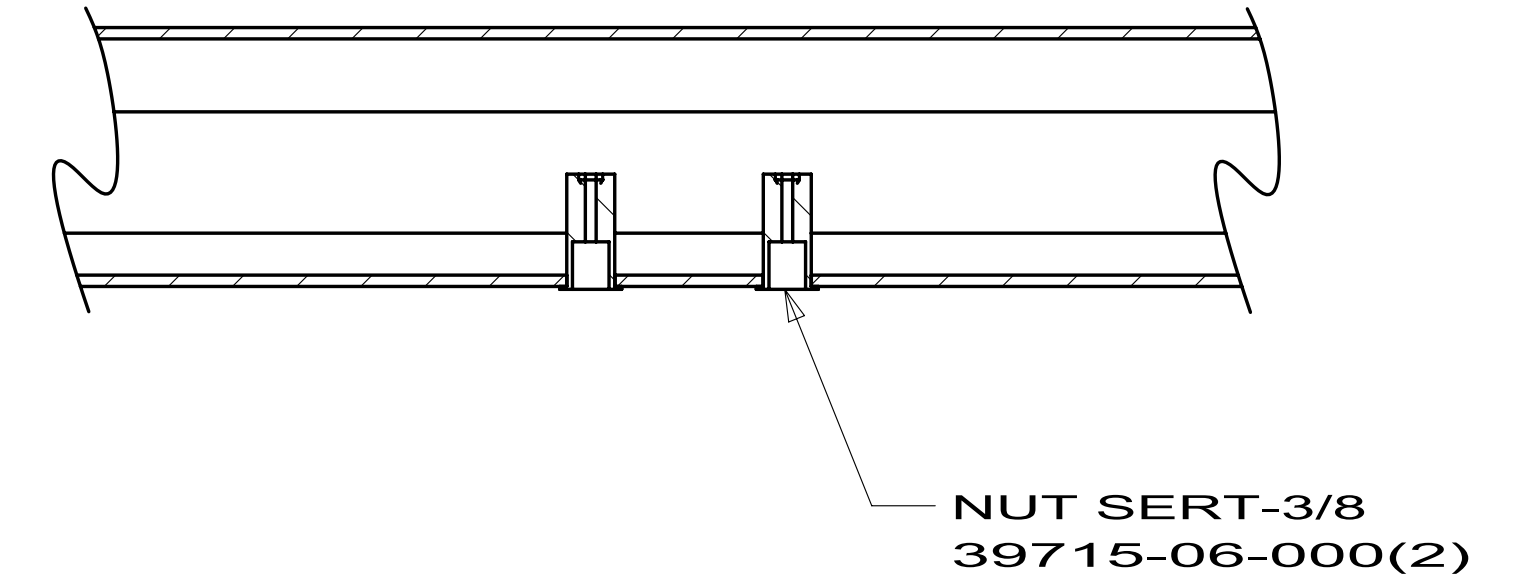
FIRST USED			10 524K
DO NOT SCALE DRAWING			
TITLE:			FRAME ASM-CHASSIS
SHEET 3	PART NO	169019	REV



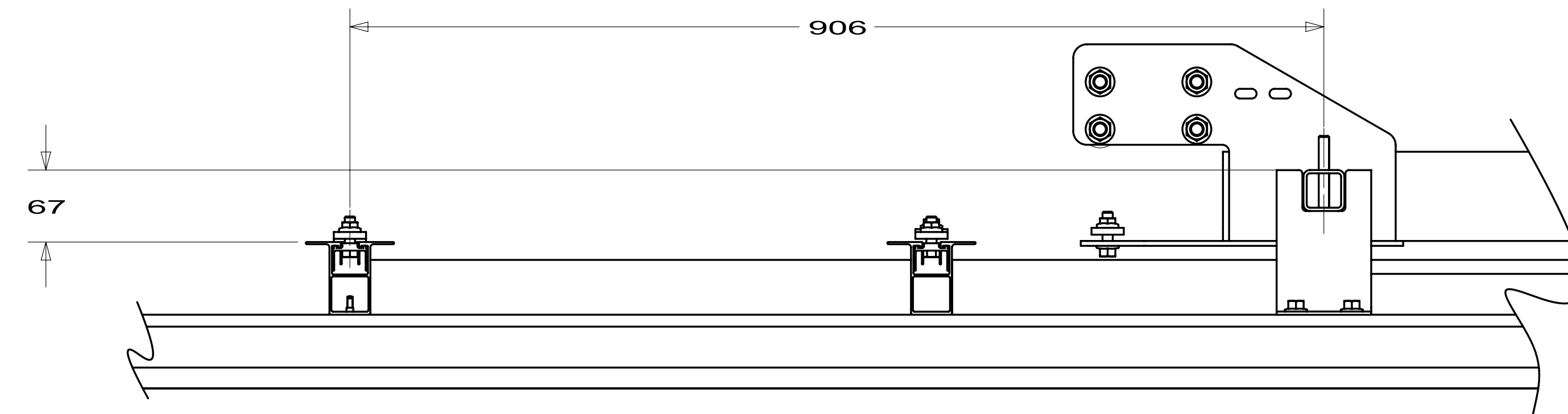
SECTION DA-DA
SECTION DB-DB SIMILAR



SECTION DC-DC

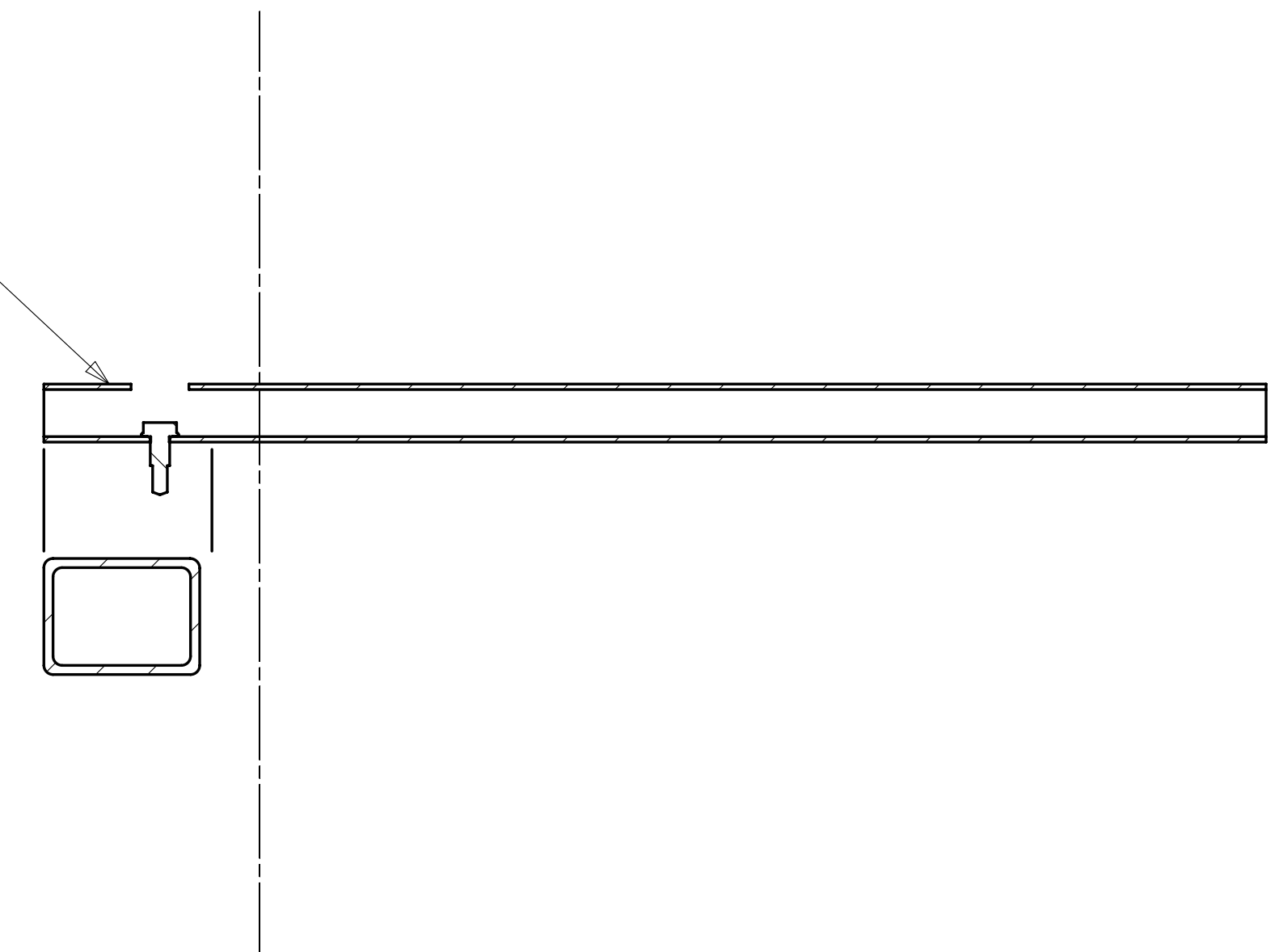


SECTION DD-DD

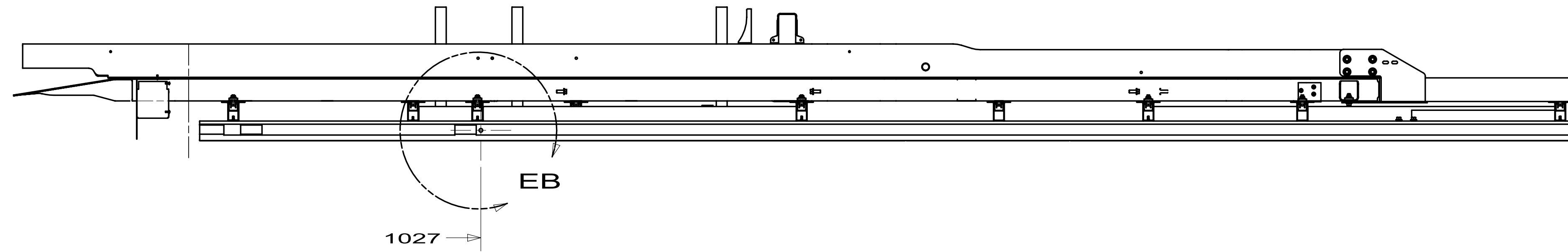
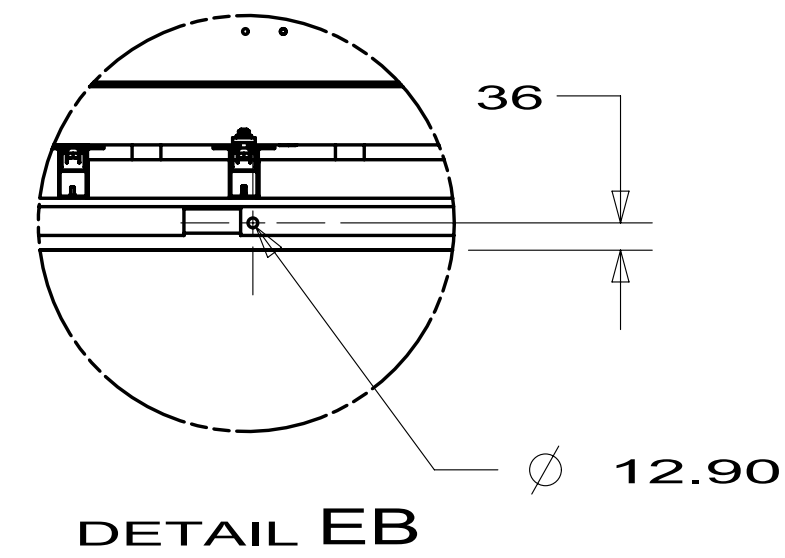


VIEW DE-DE

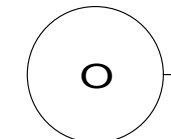
TUBE - AL, W/HOLES
167800-01-CHT
BOLT
000G42-04-12U(2)



FIRST USED		10 524K	
DO NOT SCALE DRAWING			
TITLE: FRAME ASM-CHASSIS			
SHEET 4	PART NO	169019	REV



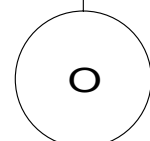
VEHICLE



1125

1478

FRONT AXLE



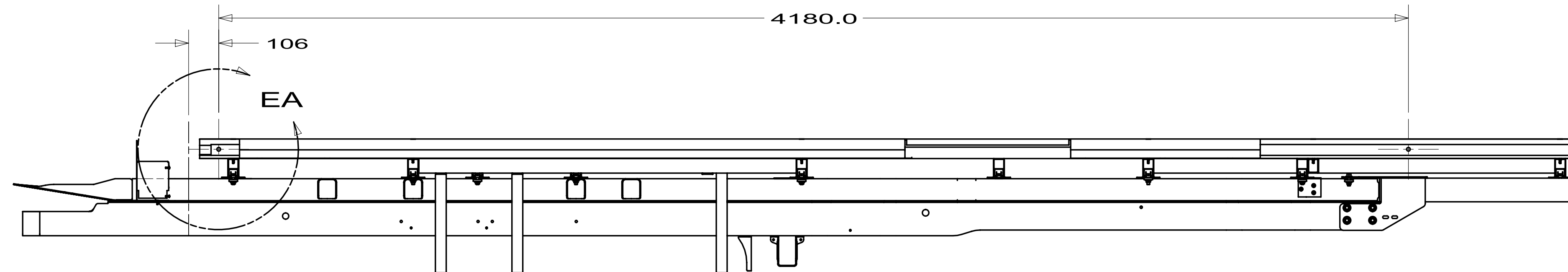
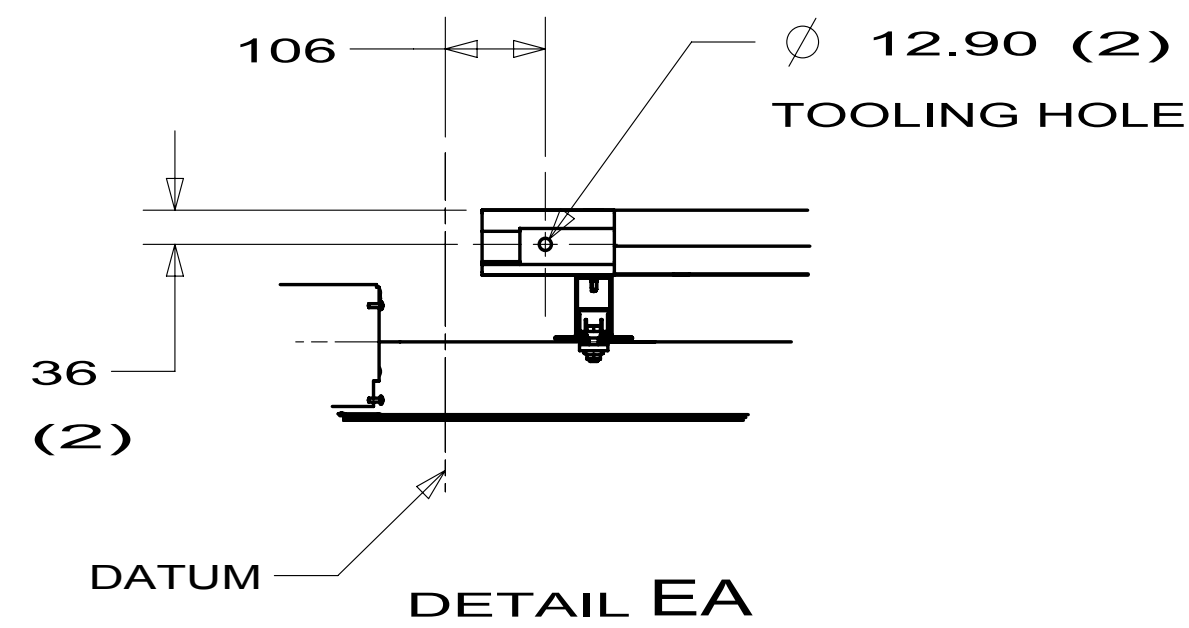
DATUM

785

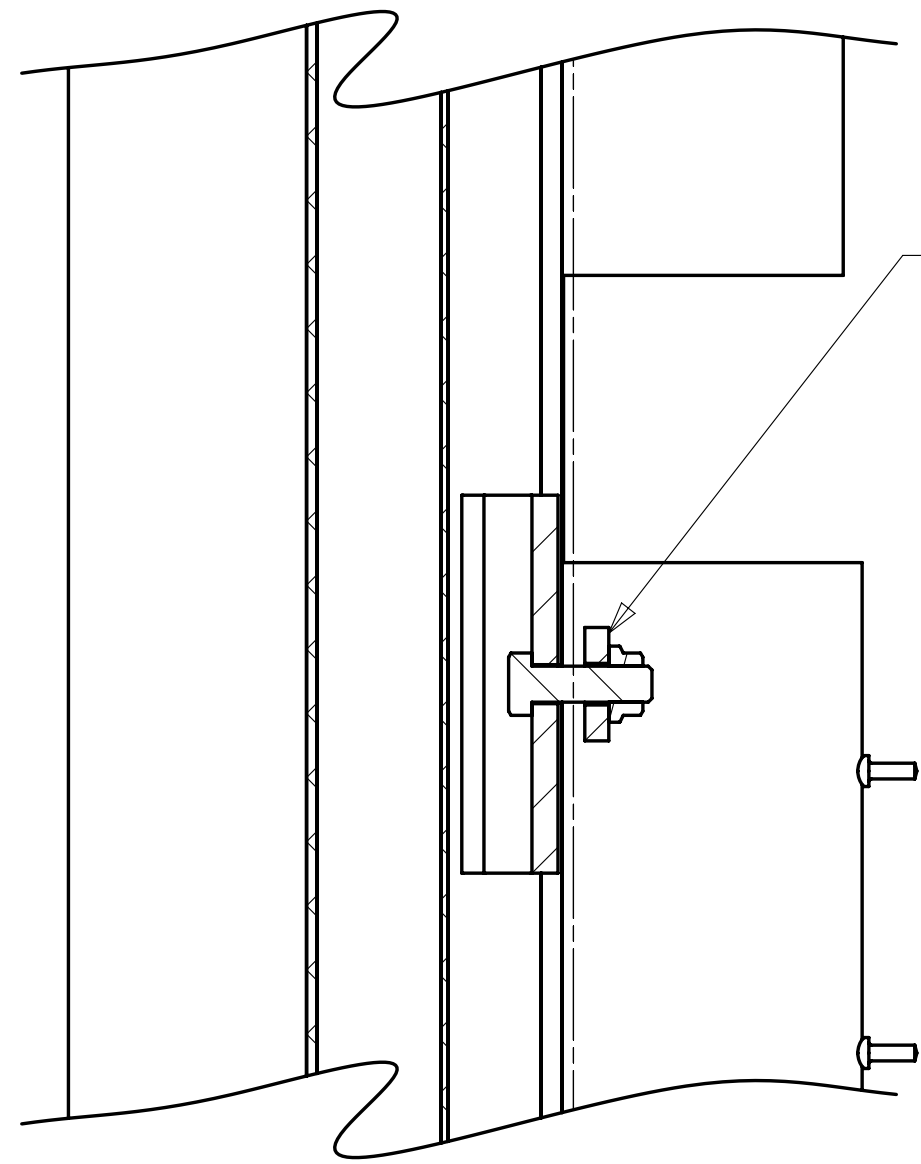
COMPARTMENT ASM
169706-01-CHT

COMPARTMENT ASM
151616-08-CHT

COMPARTMENT ASM
151616-05-CHT

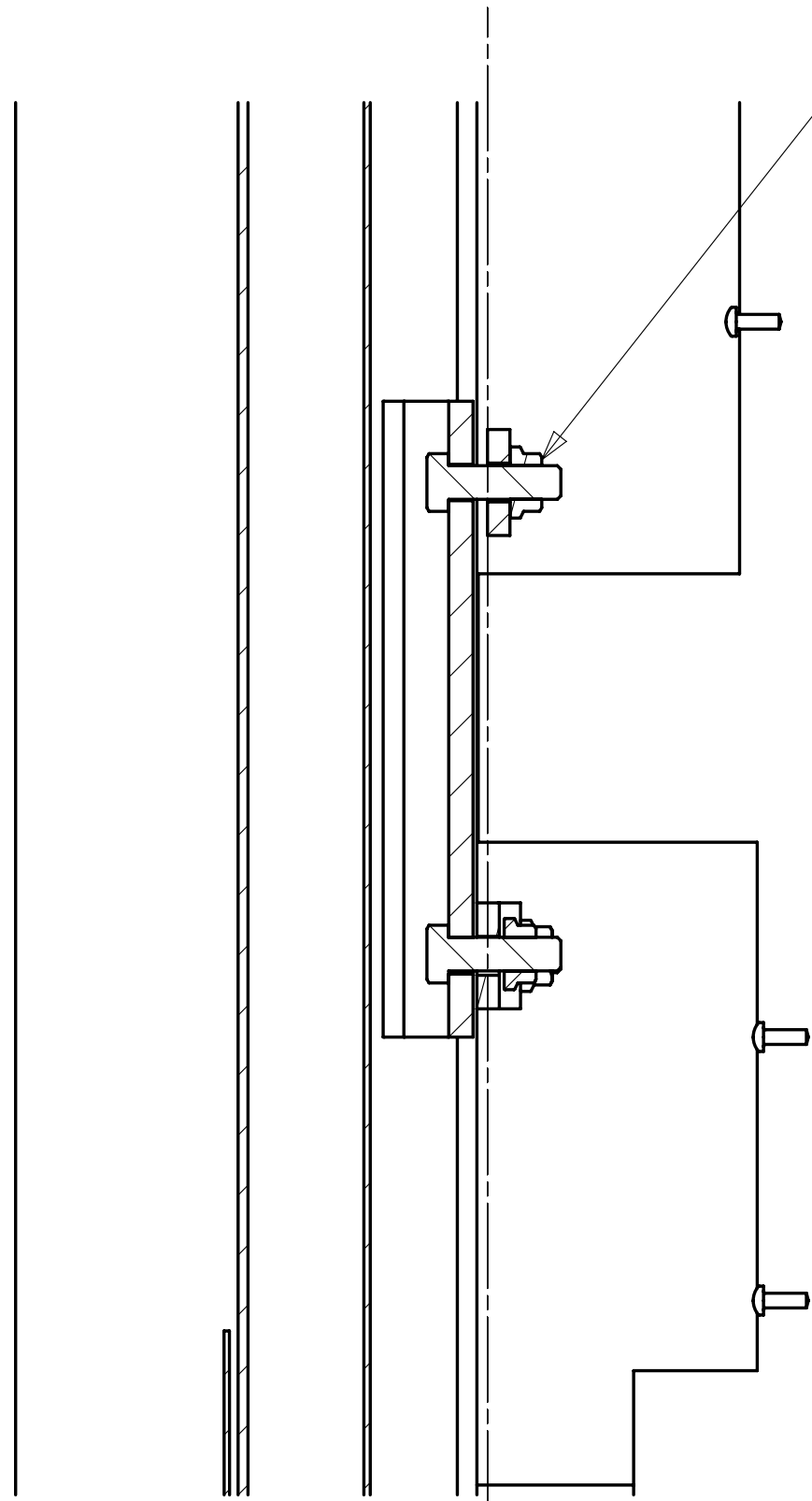


FIRST USED			10 524K
DO NOT SCALE DRAWING			
TITLE:			FRAME ASM-CHASSIS
SHEET 5	PART NO	169019	REV



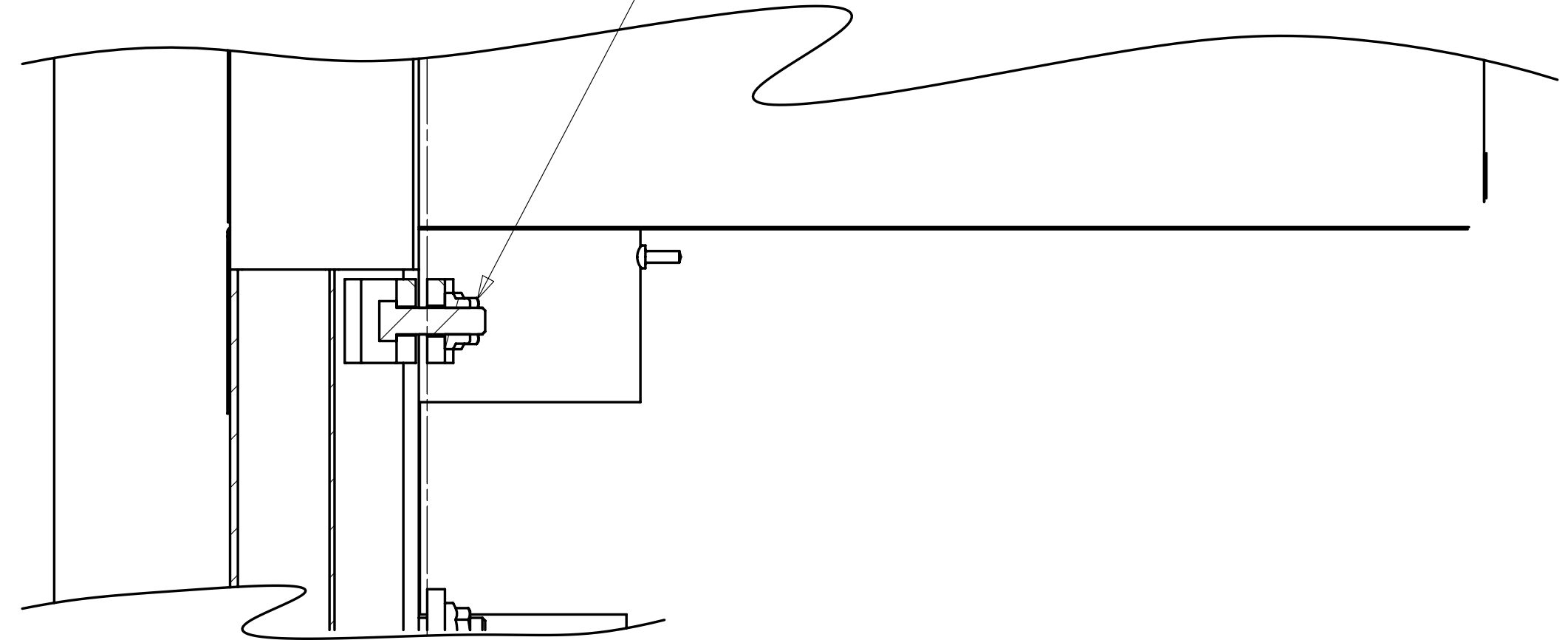
SECTION FA-FA

ULOCK-RISER
151437-08-CHT
BOLT
C12-06-20U
NUT
D39-06-00U
PLATE-BODY MOUNT
135712-05-CHT
TAPE
152038-01-CHT
(100MM)



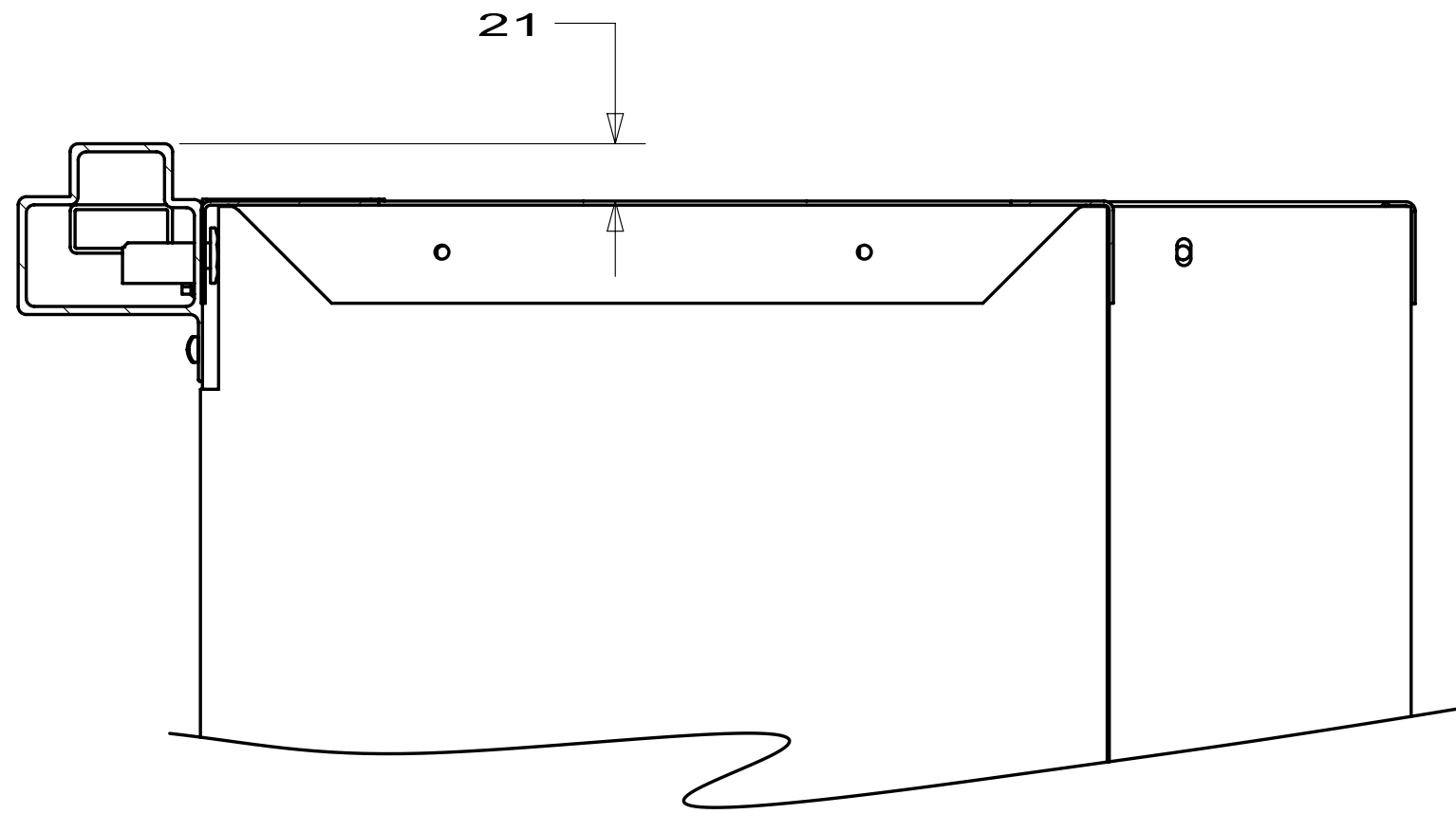
SECTION FB-FB

ULOCK-RISER
151437-07-CHT
BOLT
C12-06-20U(2)
NUT
D39-06-00U(2)
PLATE-BODY MOUNT
135712-05-CHT(2)
TAPE
152038-01-CHT
(180MM)

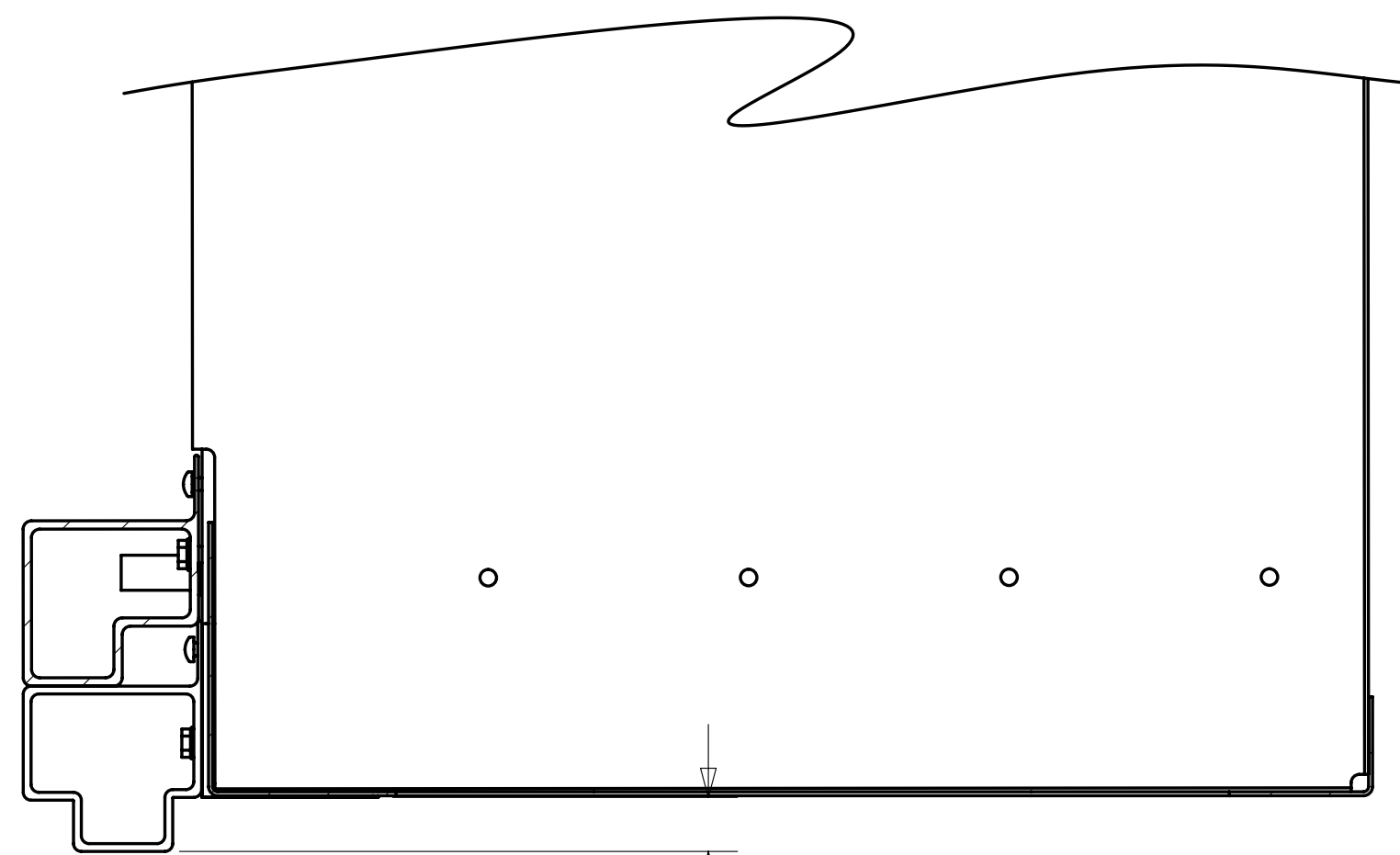


SECTION FC-FC

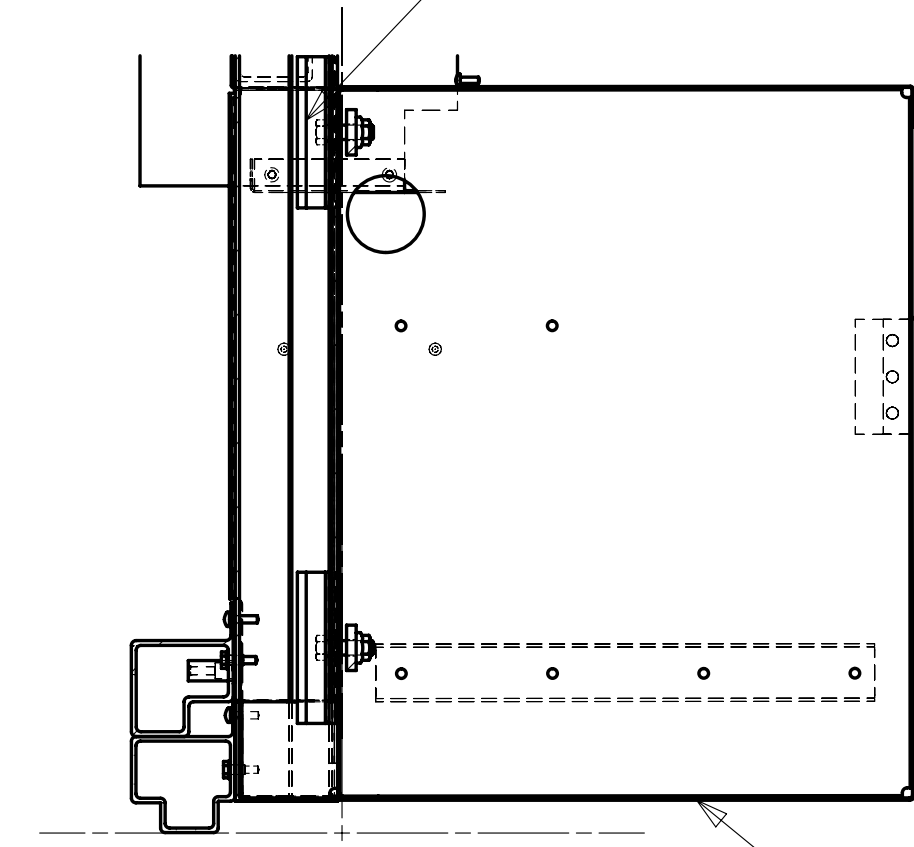
ULOCK-RISER
151437-02-CHT
BOLT
C12-06-20U
NUT
D39-06-00U
PLATE-BODY MOUNT
135712-05-CHT
TAPE
152038-01-CHT
(100MM)



SECTION FD-FD



SECTION FE-FE



SECTION FF-FF

ULOCK-RISER
151437-08-CHT(2)
BOLT
C12-06-20U(2)
NUT
D39-06-00U(2)
PLATE-BODY MOUNT
135712-05-CHT(2)

COMPARTMENT ASM

FIRST USED			10 524K
DO NOT SCALE DRAWING			
TITLE: FRAME ASM-CHASSIS			
SHEET 6	PART NO	169019	REV

8

7

6

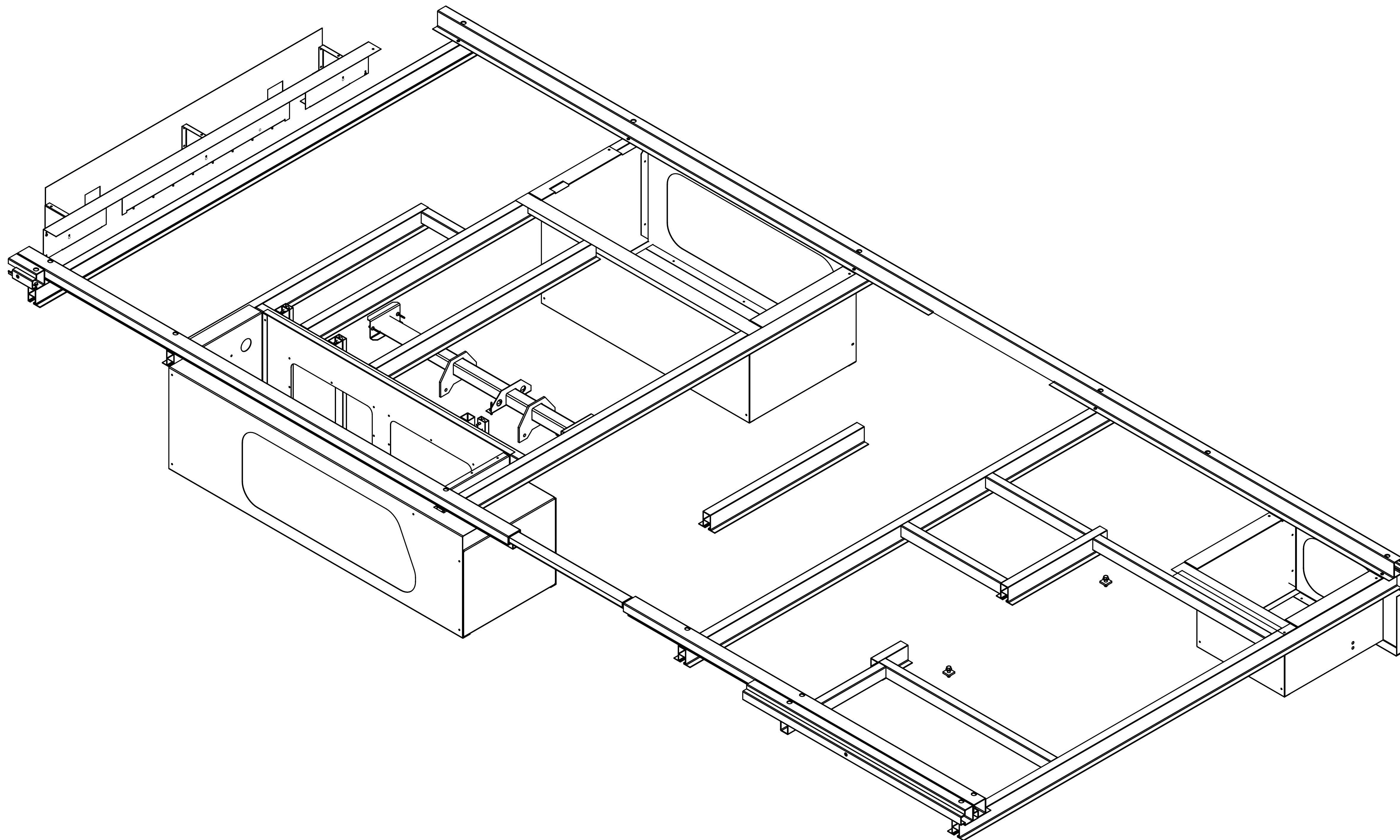
5

4

3

2

1

DWG
NO 169019

FIRST USED		10 524K	
DO NOT SCALE DRAWING			
TITLE:			
FRAME ASM-CHASSIS			
SHEET 7		PART NO 169019	REV

8

7

6

5

4

3

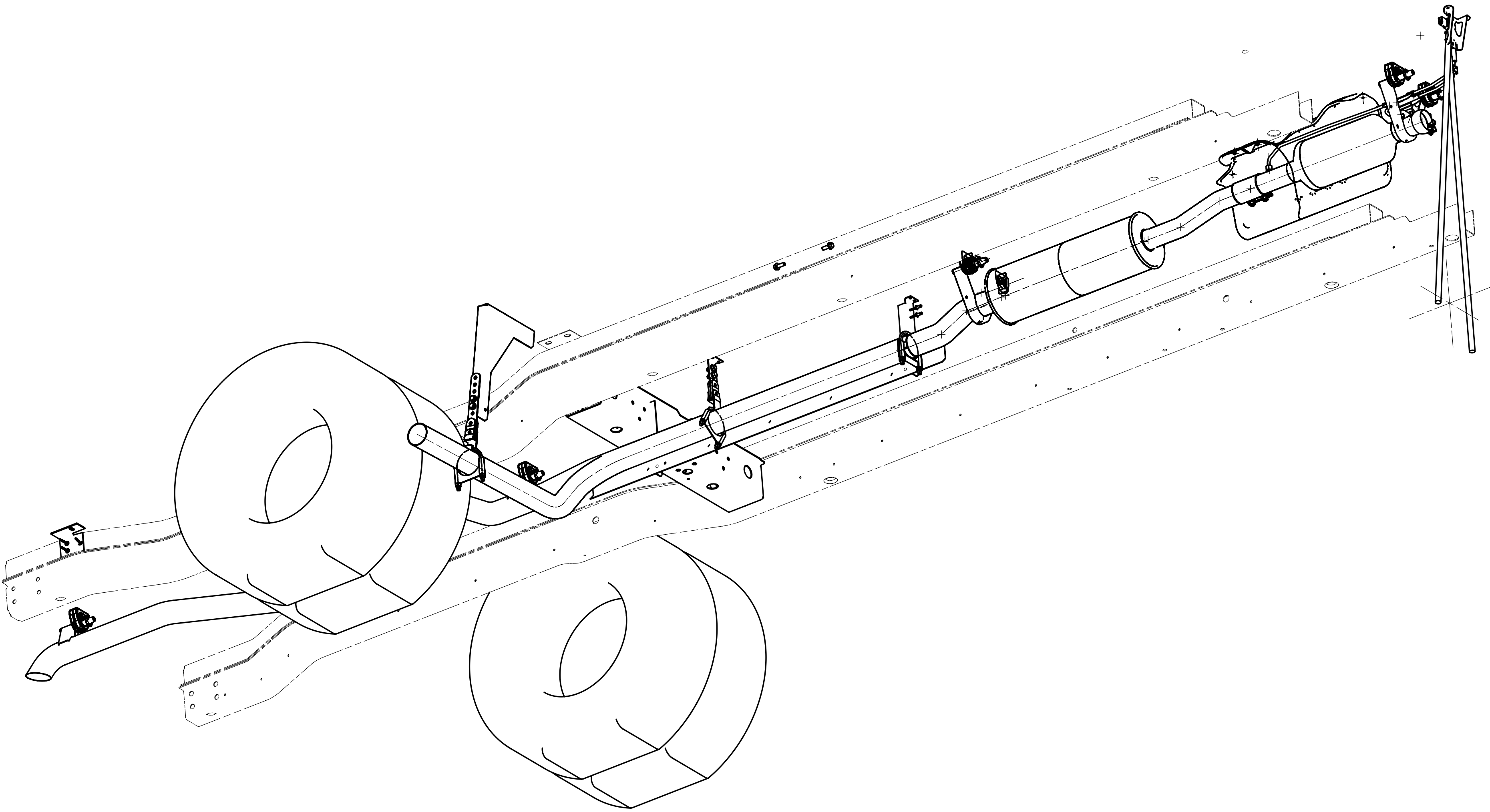
2

1

2/17/2010

8		7		6	
DWG NO	EXHAUST PIPE	DIM A	SHIELD ASM	MODEL	
169049-01	160364-02-000	2243	----	524P	
169049-02	160364-04-000	2348	----	NOT USED	
169049-03	160364-02-000	2243	172809-01-CHT	524J,524K	
169049-04	160364-04-000	2348	172809-01-CHT	524A	

		1				
RELEASE	REV A	DATE	DWG NO	169049		
REV	ZONE	REVISION RECORD			DATE	DFT-ORIG



1KB DODGE 11,030# GVWR, DIESEL

		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DFT-ORIG		ORIG. DATE	
CHK-OR		ALL DIMENSIONS ARE IN MILLIMETERS	
P.E.			
M.E.		FIRST USED	
DSNR		09 500-SE	
UNSPECIFIED TOLERANCES ARE:		MATERIAL:	
WHOLE DIM (X) : 3			
ONE-PLACE (X.X) : 1.5			
TWO-PLACE (X.XX) : 0.50			
ANGLE : 1°			
THIRD ANGLE PROJECTION			
DO NOT SCALE DRAWING			
TITLE: EXHAUST SYSTEM INSTL			
SHEET 1 OF 2		PART NO	169049
REF:		1	

2. DATUM IS LOCATED AT THE BACK OF THE CAB.

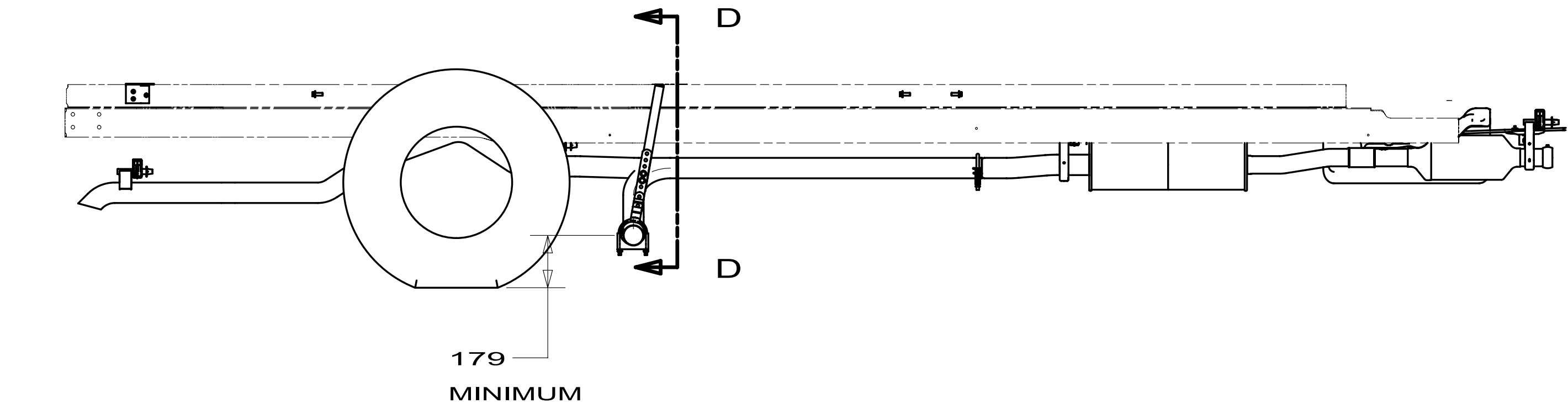
1 TORQUE CLAMP TO 35± 3 Nm.

INDICATES CRITICAL SAFETY
PROCEDURE TO BE FOLLOWED

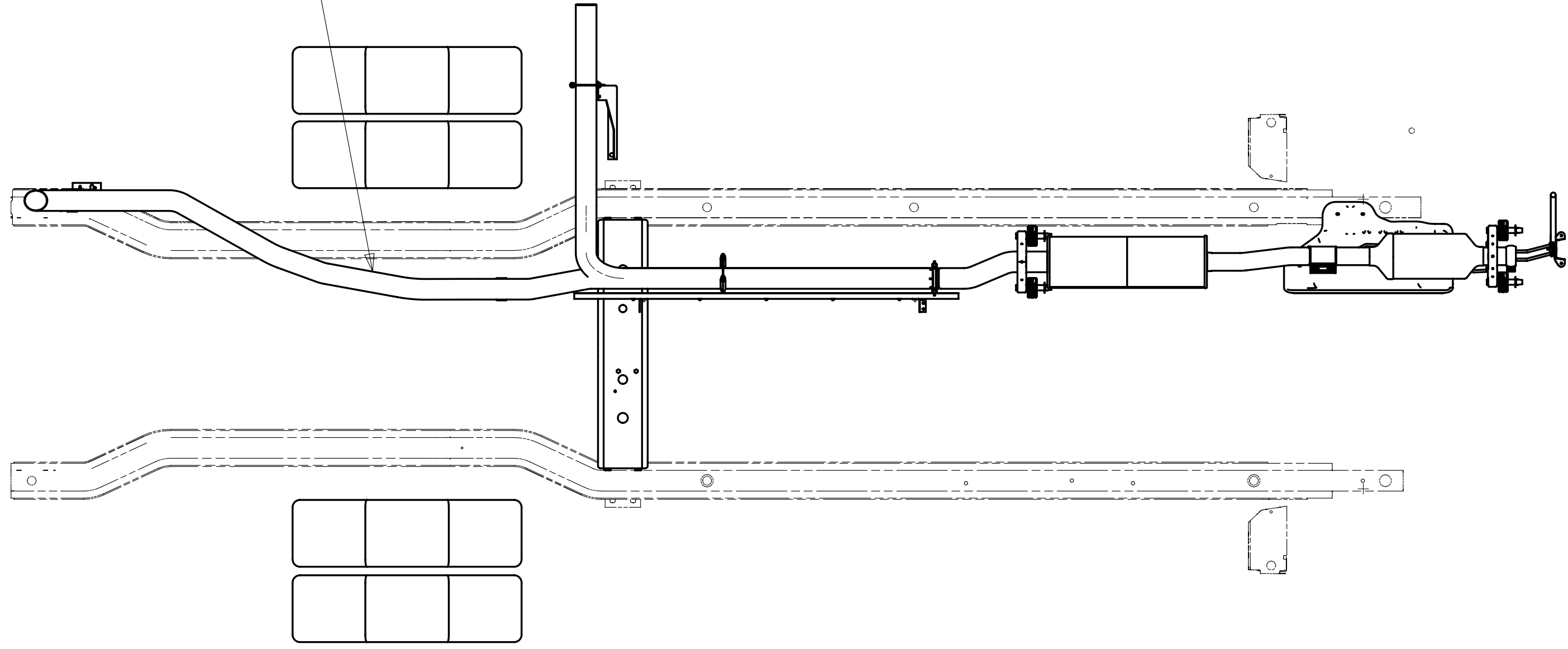
DODGE 11,030# GVWR, DIESEL

DWG NO 169049

1KB

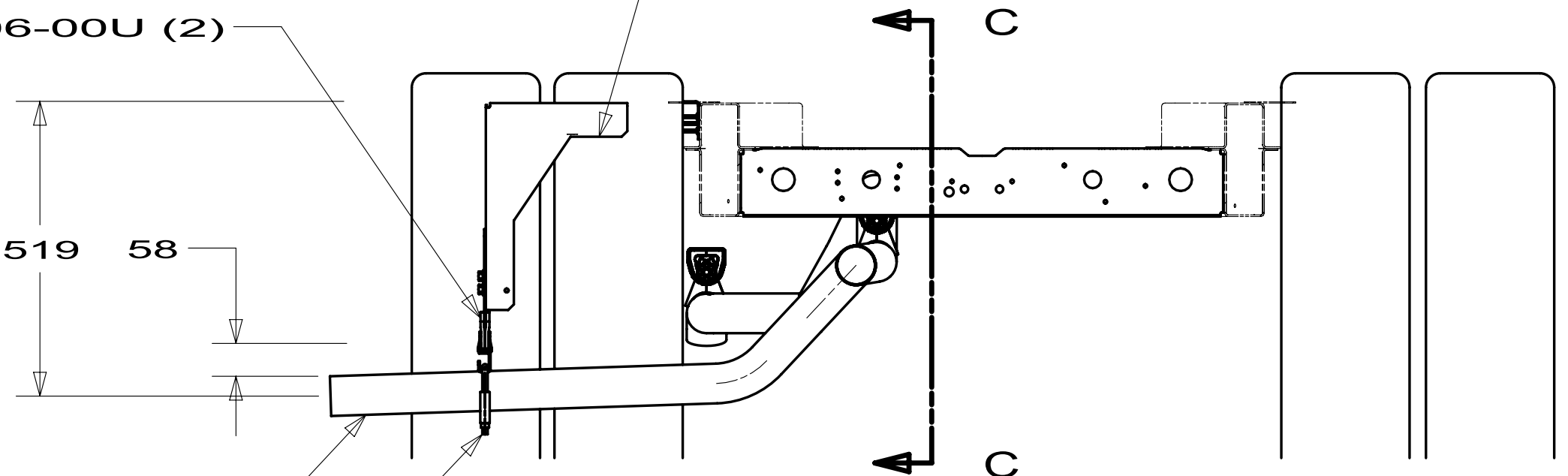


REMOVE THIS PIPE



HANGER-TAILPIPE
167204-01-CHT
BOLT
C26-06-12U (2)
NUT
D39-06-00U (2)

BRACKET-FORMED, EXHAUST
163815-03-CHT
U-LOCK
151437-06-CHT



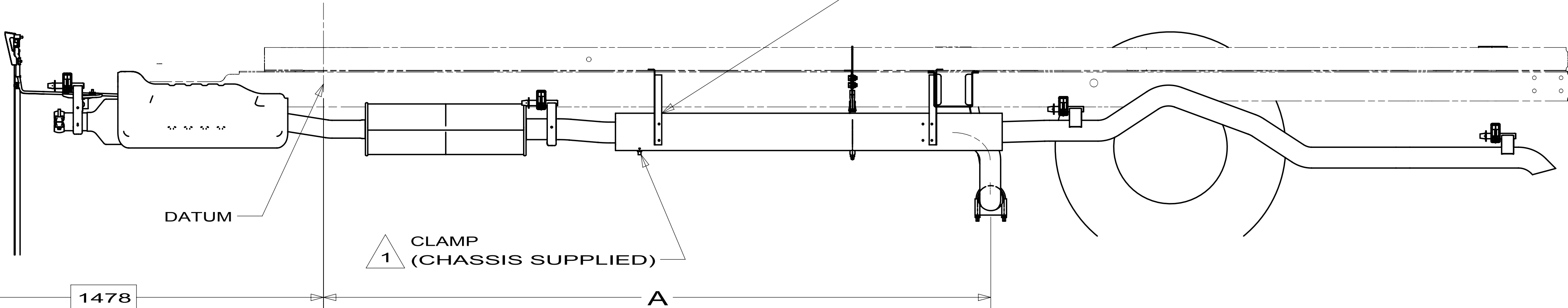
PIPE-EXHAUST
(SEE TAB)

CLAMP-EXHAUST
94918-01-000

SECTION D-D

SHIELD ASM
(SEE TAB)
RIVET
152766-02-CHT(4)

FRONT
AXLE

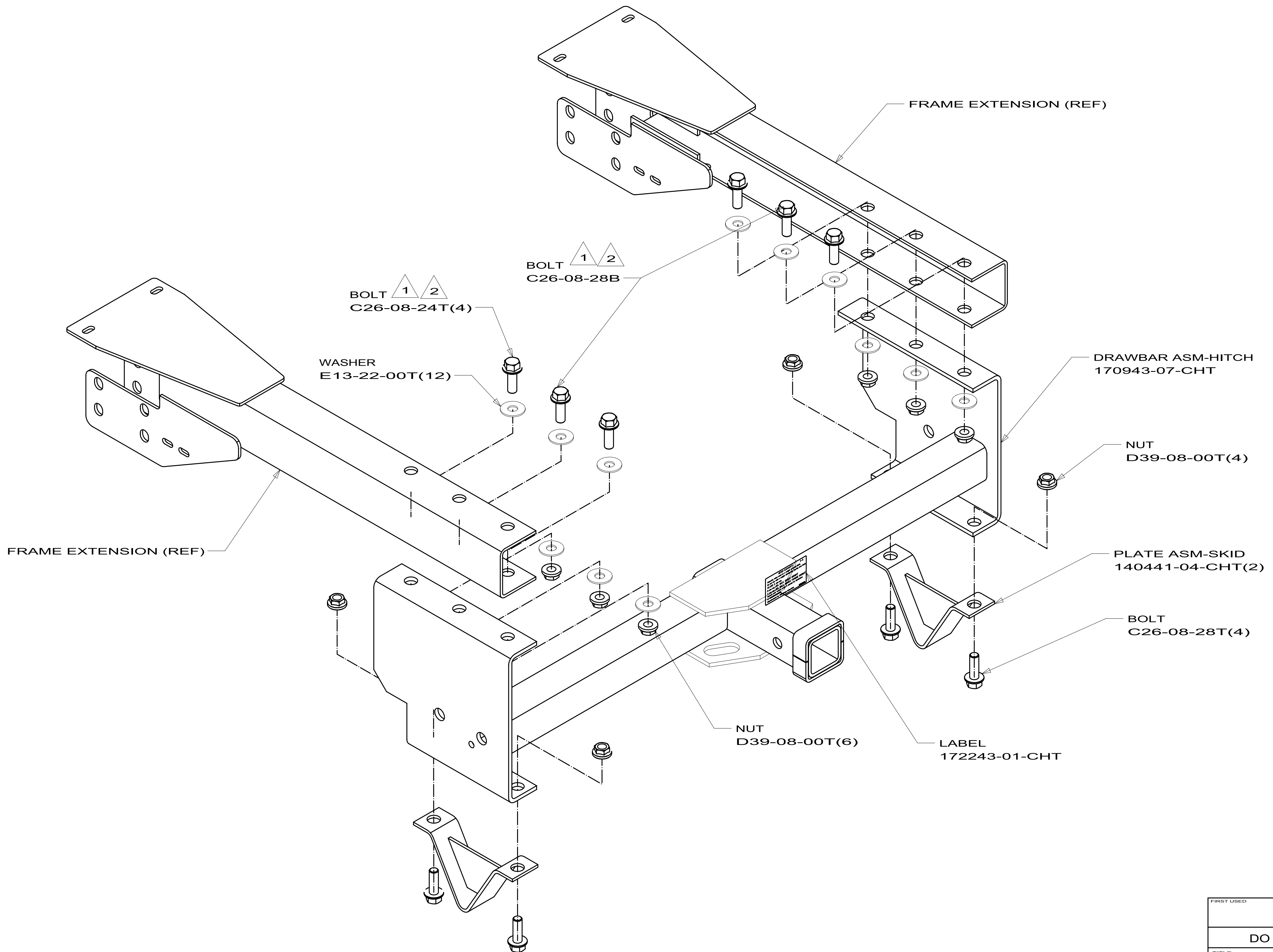


DATUM

CLAMP
(CHASSIS SUPPLIED)

SECTION C-C

FIRST USED		09 500-SE	
DO NOT SCALE DRAWING			
TITLE: EXHAUST SYSTEM INSTL			
SHEET 2		PART NO 169049	REV

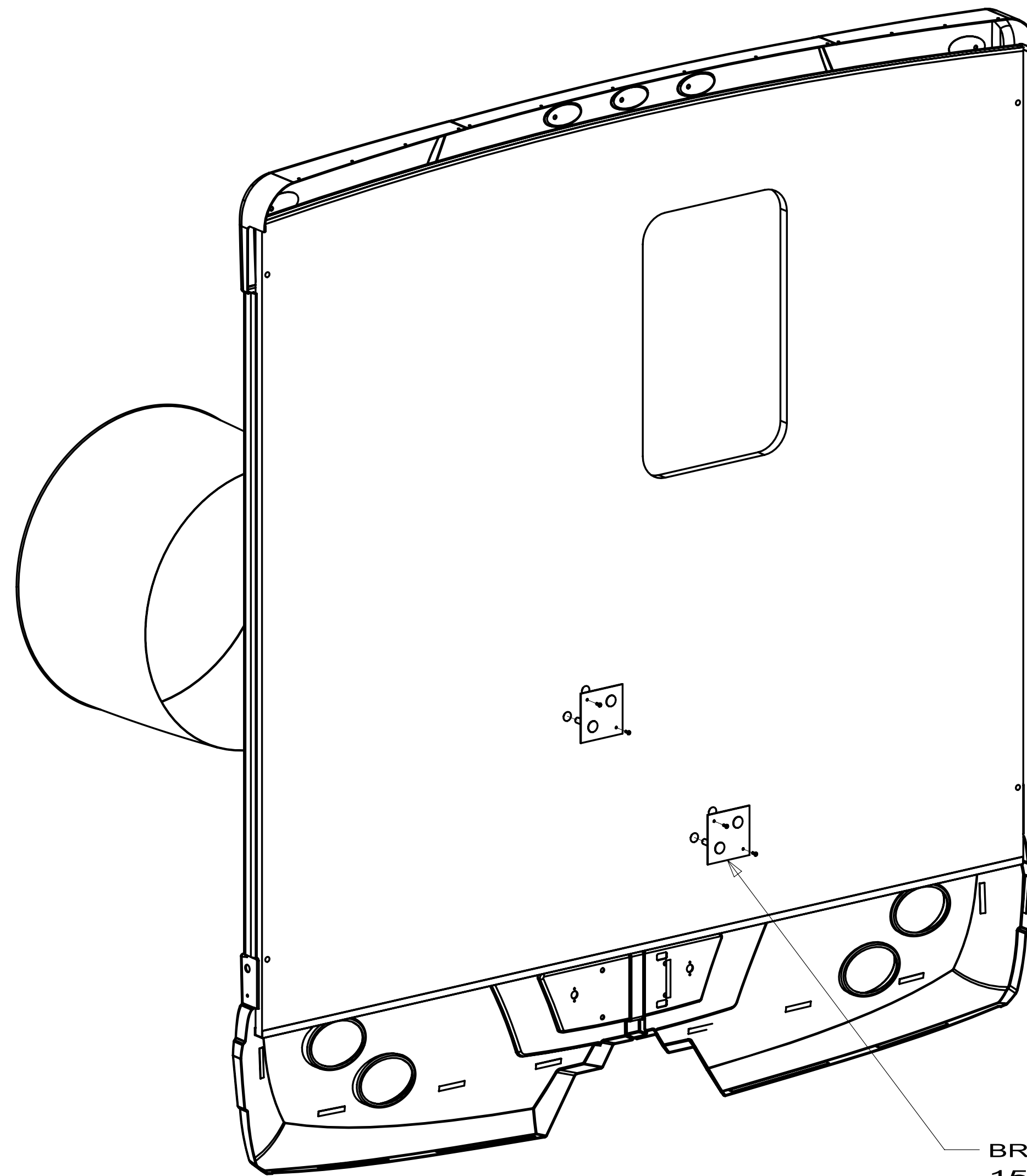
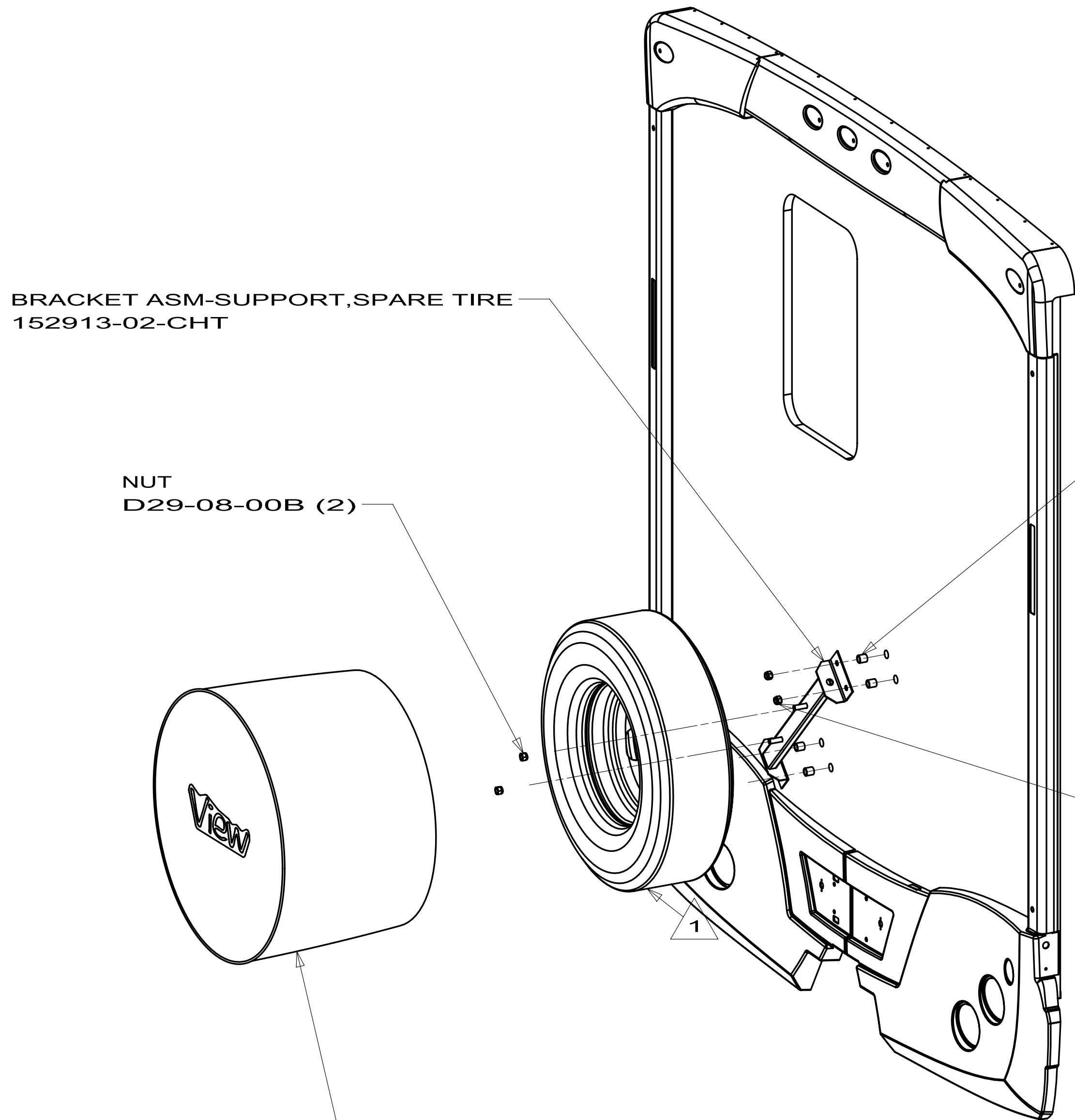


524A
524J
524K
524P

FIRST USED		08 524CL	
DO NOT SCALE DRAWING			
TITLE:			
HITCH INSTL			
SHEET 1	PART NO	160147	REV

Spare Wheel and Tire Matrix
Chassis Model Year 2008 - Current
March 17, 2009

	Chassis	Wheel		Wheel Part Number	Wheel Rating	Weight (lbs.)	Tire	Maximum Tire Rating	Brand	Tire Part Number	Weight (lbs.)
Dodge	3500 Sprinter 500 Series	Magnetto (Mercedes Benz) A 001 401 70 02 16 X 5.5, 6 bolt	CHASSIS SUPPLIED		Wheel not marked	27	LT215/85R16E	2680/2470 @ 80	Continental		27.1
	E350/E450 Super Duty 200,300 & 700 Series	Arvin Meritor 16 X 6, 8 bolt @ 6.5 8C2Z-1015-G	CHASSIS SUPPLIED		Wheel not marked	---	LT225/75R16E	2680/2470 @ 80	Michelin LTX M/S	083425-14-000	71
Ford	F53 16K GVWR E26P	Hayes/Lemmerz (Boriem) 19.5 X 6.0 10 bolt 8U94-1015-BA	CHASSIS SUPPLIED		3750 @ 110	51.5	225/70R19.5G	3970/3750 @ 110	Continental HSR		60.8
	F53 18, 20.5, & 22K GVWR E30W,E32K D31E,D33C, D35J W/19.5 TIRE ONLY	Accuride 29875 19.5 X 6.75, 10 bolt 5U94-1015-AA	CHASSIS SUPPLIED		4000 @ 115	59	245/70R19.5F	4080/3970 @ 85	Goodyear G670		66
Workhorse	W16/W18 E30W	Maxion W0007492 19.5 X 6, 10 bolt	Steel	156482-02-000 Black	3750 @ 110	58.5	225/70R19.5F	3640/3415 @ 95	Michelin XRV	091673-07-000	52
	W20-22 7,500 GAWR-F D33C, E32K	Maxion W0002404 19.5 X 6.75, 8 bolt	Steel	118814-05-000	5000 @ 115	61	245/70R19.5F	4080/3970 @ 95	Goodyear G670RV	102340-08-000	70
	W21/W22 8,000/8,500 GAWR-F D31E	Maxion W0002404 19.5 X 6.75, 8 bolt	Steel	118814-05-000	5000 @ 115	61	245/70R19.5G	4540/4410 @ 110	Goodyear G670RV	102340-09-000	70



VIEW A

524A
524K
524P
156837-23-XXX

- NOTES:
- 3 LUG NUTS (6) AND CONE WASHERS (6) ARE REUSED FROM CHANGING THE STEEL RIMS FOR THE ALUMINUM RIMS.
 - 2 PLACE BAG WITH CONTENTS IN JACK/TIRE IRON COMPARTMENT LOCATED UNDER PASSENGER FEET AREA.
 - 1 SEE SHEET 1 MATRIX.

- (WIN) WINNEBAGO ONLY
- (ITA) ITASCA ONLY
- (27A) EXT. FULL BODY PAINT PKG #1
- (92A) EXT. FULL BODY PAINT PKG #2
- (24C) EXT. FULL BODY PAINT PKG #3

TAB-23,PG-24

FIRST USED		09 524H	
DO NOT SCALE DRAWING			
TITLE: SPARE TIRE COMPL			
SHEET 14	PART NO	156837	REV

KEY	PART NUMBER	U/M	DESCRIPTION	149703-01-01A, 149703-03-01A, 149703-05-01A	VENDOR NO.
	149703-01-700	EA	CYLINDER LOCK/CAM/CLIP/2 KEY		CAM LOCK/CLIP/KEYS

8		7		6		5		4		3		2		1	
2010 AND UP WHEEL TRIM MATRIX															DWG NO 159483
D 															

8		7		6		5		4		3		2		1	
2010 WHEEL TRIM MATRIX CONTINUED														DWG NO 159483	
D	TIRE AND WHEELS		WHEELS AND COVERS		WHEEL LINERS				CHASSIS-SUPPLIED PARTS IF ORDERED W/ALUMINUM WHEEL						
	TIRE/WHEEL & WIDTH	WHEEL P/N & MFGR	WHEEL COVERS	VALVE EXTENSION	WHEEL LINERS	VALVE EXTENSION	STABILIZER	TORQ. WHEEL LINER	ALUMINUM WHEEL	HUB COVER	VALVE EXTENSION	STABILIZER	NUT COVER		
	WORKHORSE W16/18 E26P/E30W	225/70R 19.5"X6" MAXION W0007492	N/A	-	145580-06	REAR INNER CHASSIS SUPPLIED	N/A	41-47 NM 30-35 LB/FT TORQUE	N/A	-	-	-	-		
	1PJ 1PL														
	WORKHORSE W20/22 E/D SERIES	245/70R 19.5"X6.75" MAXION W0002404	N/A	-	134609-02 145580-03	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT (2)77030-10	(2)95012-07	41-47 NM 30-35 LB/FT TORQUE	(2)118815-02 (2)118815-03 ALCOA 764481 764482	(2)129058-15 (2)129058-17	95012-09 (2)	129058-07 (2)	(32)129058		
C	1PE 1PR														
	WORKHORSE W20/22/24 D/J SERIES	225/70R 22.5"X6.75" MAXION W0002404	N/A	-	134609-05 145580-02	REAR INNER (2)95012-10 REAR OUTER (2)77030-01 FRONT (2)77030-10	(2)95012-07	41-47 NM 30-35 LB/FT TORQUE	(2)128689-01 (2)128689-02 ALCOA 873401	(2)129058-15 (2)129058-17 SIMILAR TO -14 (2)3 -16 (2)4	FLEX HOSE 1	129058-07 (2)	(32)129058		
	1PS 1PU 1PV														
	-	-	-	-	-	-	-	-	-	-	-	-	-		
B															
A															
8		7		6		5		4		3		2		1	
														FIRST USED	
														07 MOTORHOMES	
														DO NOT SCALE DRAWING	
														TITLE:	
														WHEEL INSTL	
SHEET 2												PART NO 159483		REV	

FIRST USED

07 MOTORHOMES

DO NOT SCALE DRAWING

TITLE:

WHEEL INSTL

SHEET2

PART NO 159483

REV

*FOR WINNEBAGO MODEL YEAR 2007, WINNEBAGO WILL SUPPLY LUG WRENCHES WHICH ARE SUPPLIED TO WINNEBAGO WITH THE CHASSIS. (CURRENTLY, FORD E350/E450 CUTAWAY, DODGE SPRINTER, AND FORD F53 19.5" RAIL) IN ADDITION, C-BODY CUTAWAY CHASSIS WITH ALUMINUM WHEEL OPTION, FORD CHASSIS SUPPLIED LUG WRENCH WHICH NO LONGER FITS ALUMINUM WHEEL FASTENERS WILL BE STORED UNDER PART NUMBER 112358-02-000. WINNEBAGO WILL PROVIDE LUG WRENCH AND LEVERAGE BAR TO FIT ALUMINUM WHEEL HARDWARE. WINNEBAGO WILL PROVIDE 112358-02-000 WITH STANDARD CHEVY STEEL WHEEL CHASSIS.

2007 AND UP

OTHER APPLICATIONS LISTED FOR WRENCH FIT REFERENCE

LUG WRENCH APPLICATION MATRIX

		CHASSIS	LUG WRENCH	LEVERAGE BAR	TORQUE FT/LBS
* NOT USED		CHEVY CUTAWAY G3500 8 BOLT GMT610 8 BOLT	112358-02	---	110-140
		CHEVY CUTAWAY ALUMINUM WHEELS G3500/GMT610 8 BOLT	80208-06	80208-02	140
* 100/500/H SERIES (1KB) (1KD) (1KM)		DODGE SPRINTER 16" 6-BOLT	CHASSIS SUPPLIED (FLOOR COMPT. @ PASS. FEET)	CHASSIS SUPPLIED	140 (130-150)
* 200/300/700 SERIES (16C) (16Y)		FORD CUTAWAY E350SD/E450SD 8 BOLT	CHASSIS SUPPLIED 112358-02	---	140
* 200/300/700 SERIES (16C) (16Y)		FORD CUTAWAY ALUMINUM WHEELS E350SD/E450SD 8 BOLT	80208-06	80208-02	140
* E/D SERIES (16H) (16K)		FORD RAIL F53 10 BOLT 19.5"	CHASSIS SUPPLIED 112358-01	---	140
* D/J SERIES (16L) (16Z)		FORD RAIL F53 8 BOLT 22.5" ALUMINUM	80208-04	80208-05	450-500
		FREIGHTLINER 10 BOLT NOT USED	80208-04	80208-05	450-500
* E26P/E30W (1PJ) (1PL)		WORKHORSE W16/18 10 BOLT 19.5"	80208-06	80208-02	150 (145-155)
* E/D/J SERIES (1PE) (1PR) (1PS) (1PU) (1PV)		WORKHORSE W20-25 SERIES AND UFO 8 BOLT	80208-04	80208-05	450-500

FIRST USED		
07 MOTORHOMES		
DO NOT SCALE DRAWING		
TITLE:		
WHEEL INSTL		
SHEET 3	PART NO 159483	REV

KEY	PART NUMBER	U/M	DESCRIPTION	154970-02-000
				VENDOR NO.
	110435-01-711	EA	DECAL-CENTER CAP- 2" - QTY 2	
	154970-02-700	EA	COVER/WHEEL-FRONT W/LUG CVRS	
	154970-02-701	EA	LINER/WHEEL-REAR W/O HUB CVR	
	154970-02-702	EA	CAP/CENTER HUB/RR W/LUG CVRS	
	154970-02-703	EA	DECAL/CTR CAP 2"-PAIR & TOOL	