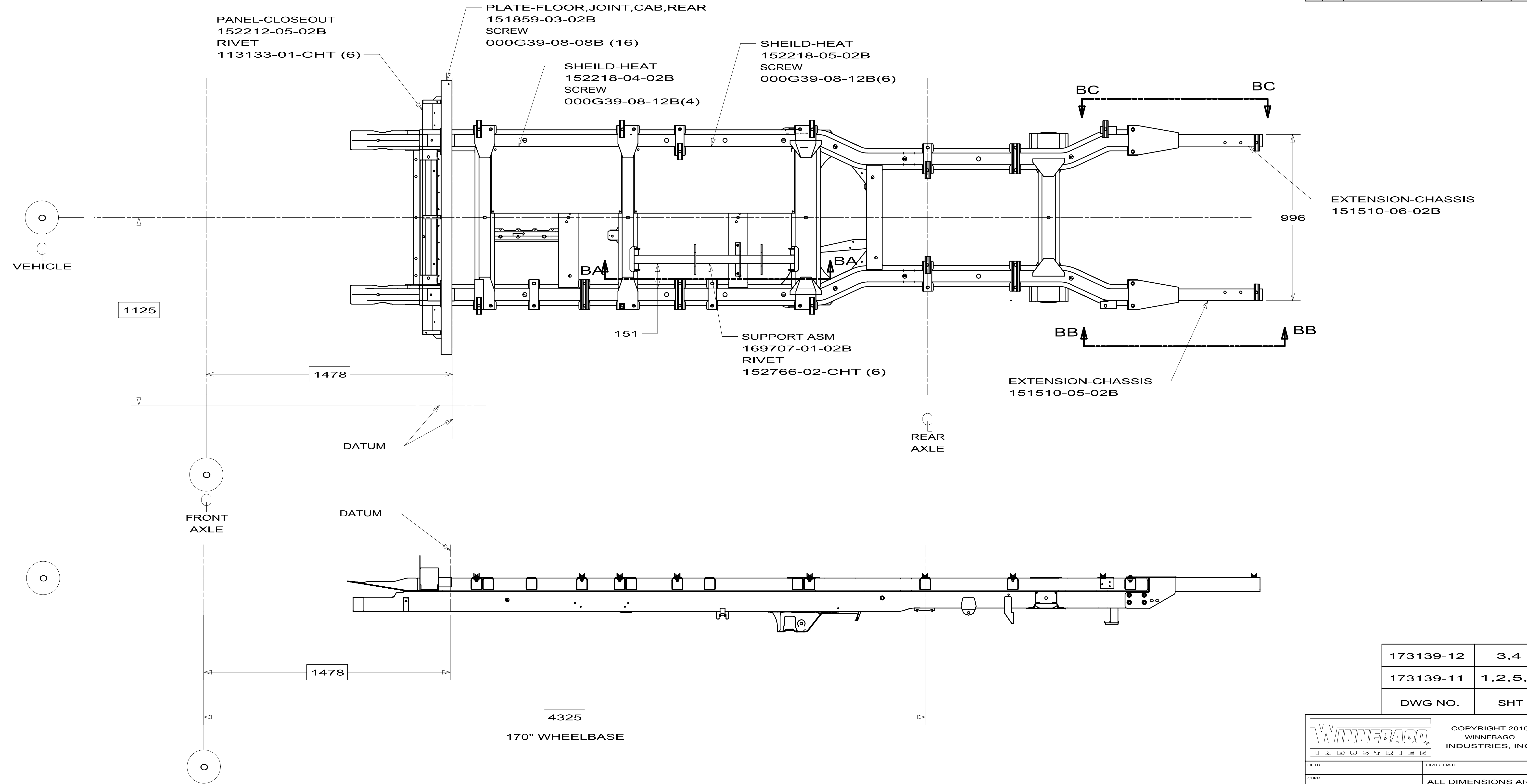




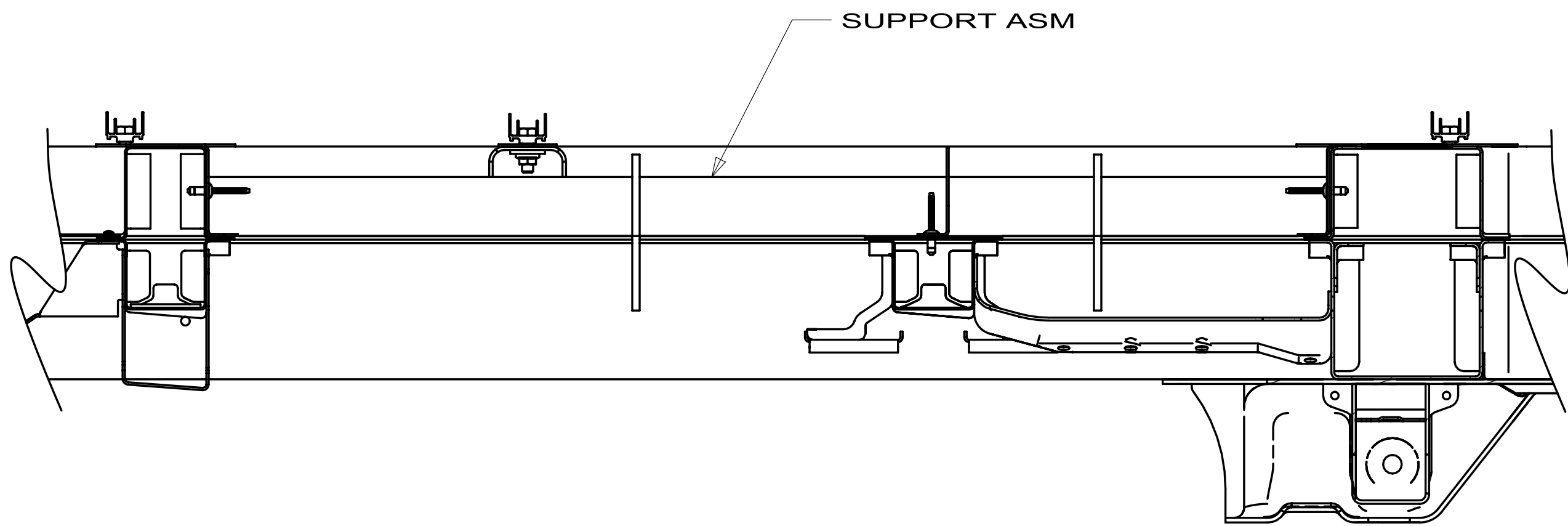
4. CLEARANCE HOLES IN FRAME RAIL FOR RIVETS ARE 6.63/7.01 DIA.
3. TORQUE BOLTS TO 70-85 Nm (52-62 FT-LBS)
2. SEAL ALL JOINTS OF COMPARTMENTS WITH SEALANT 053766-01-000.
1. CLEAN AND E-COAT ALL PIECE PARTS PRIOR TO ASSEMBLY.

VIEW AA
RAIL ASM
173139-11-02B

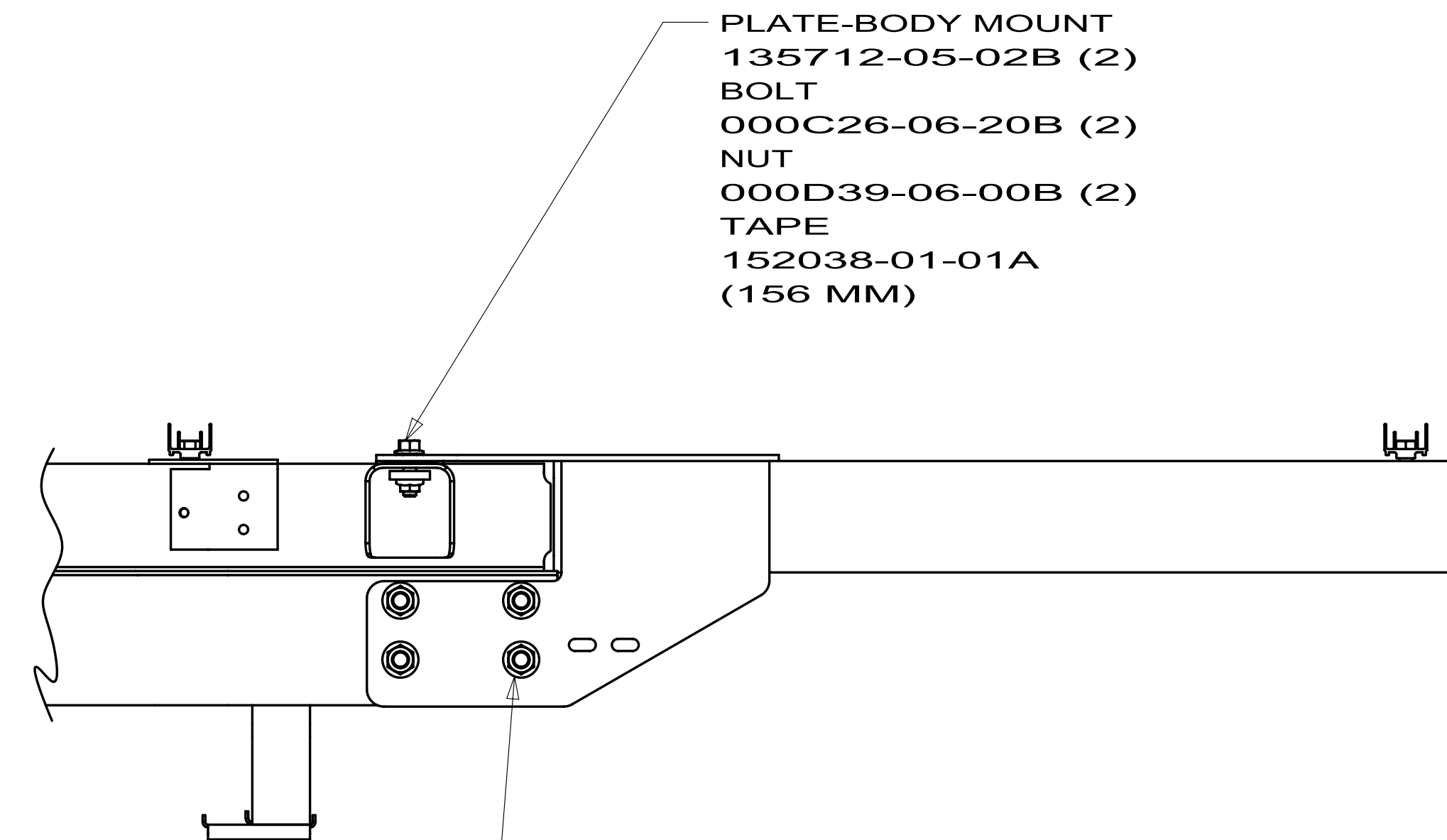
SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

173139-12	3,4
173139-11	1,2,5,6
DWG NO.	SHT

WINNEBAGO INDUSTRIES		COPYRIGHT 2010 WINNEBAGO INDUSTRIES, INC.	
DFTR	ORIG. DATE		
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS		
P.E.	FIRST USED		
M.E.	10 524J		
DSNR			
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		REFER TO ES0018 FOR FASTENER TIGHTENING GUIDELINES	
TITLE: FRAME ASM-CHASSIS			
SHEET 1 OF 7		PART NO 173139 REV	
REF:		1	

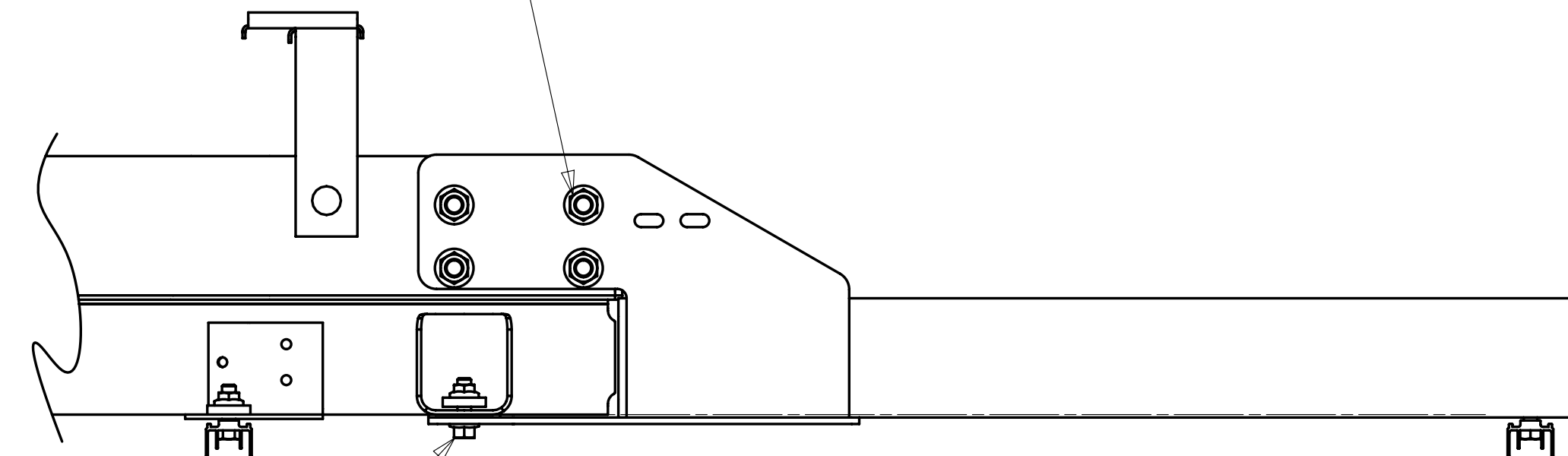


SECTION **BA-BA**



SECTION **BB-BB**

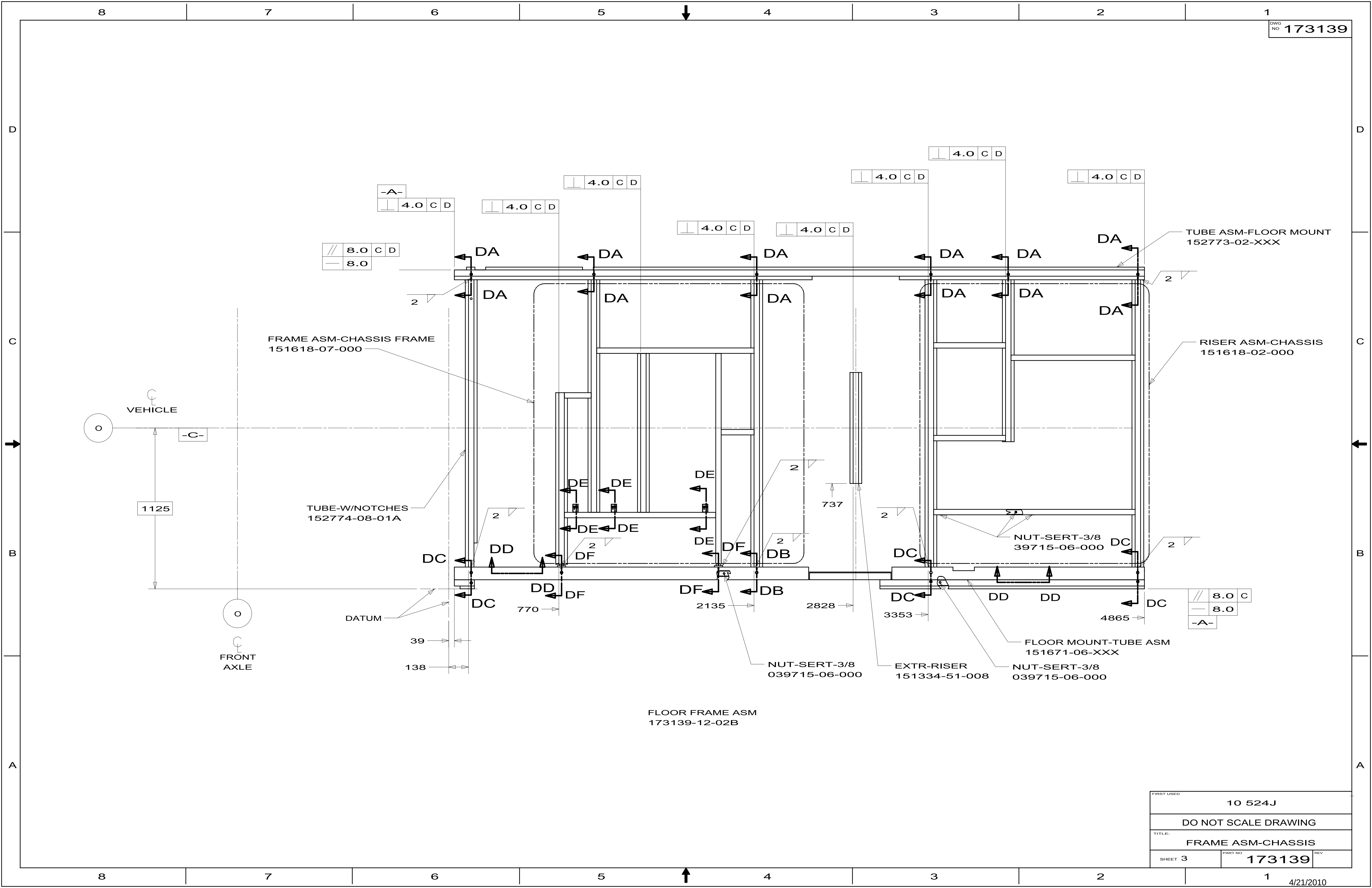
BOLT
000C12-08-64B (4)
NUT
000D39-08-00B (4)
WASHER
000E13-22-00B (4)



SECTION **BC-BC**

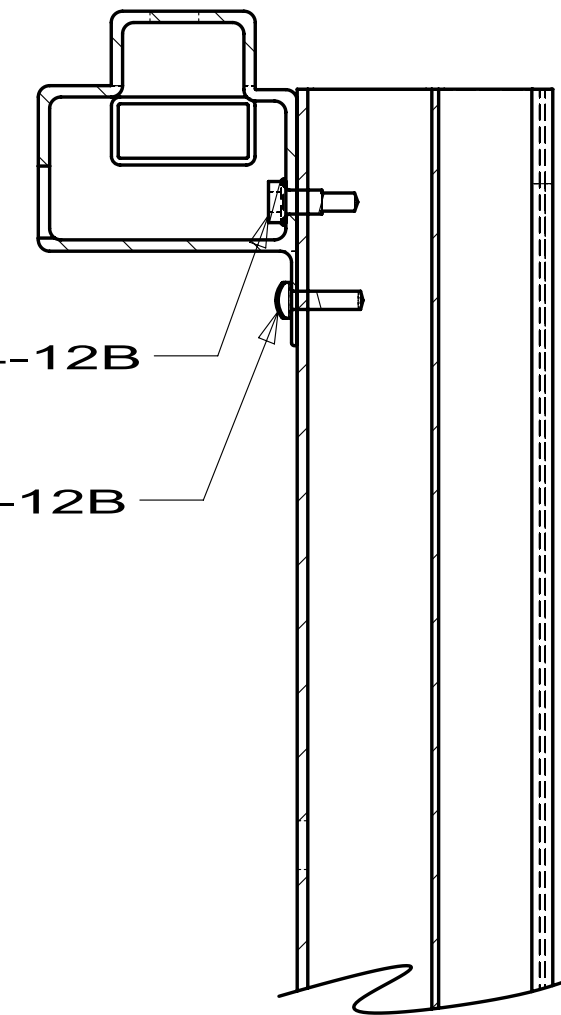
PLATE-BODY MOUNT
135712-05-02B (2)
BOLT
000C26-06-20B (2)
NUT
000D39-06-00B (2)
TAPE
152038-01-01A
(156 MM)

FIRST USED			10 524J
DO NOT SCALE DRAWING			
TITLE:			
FRAME ASM-CHASSIS			
SHEET 2	PART NO	173139	REV



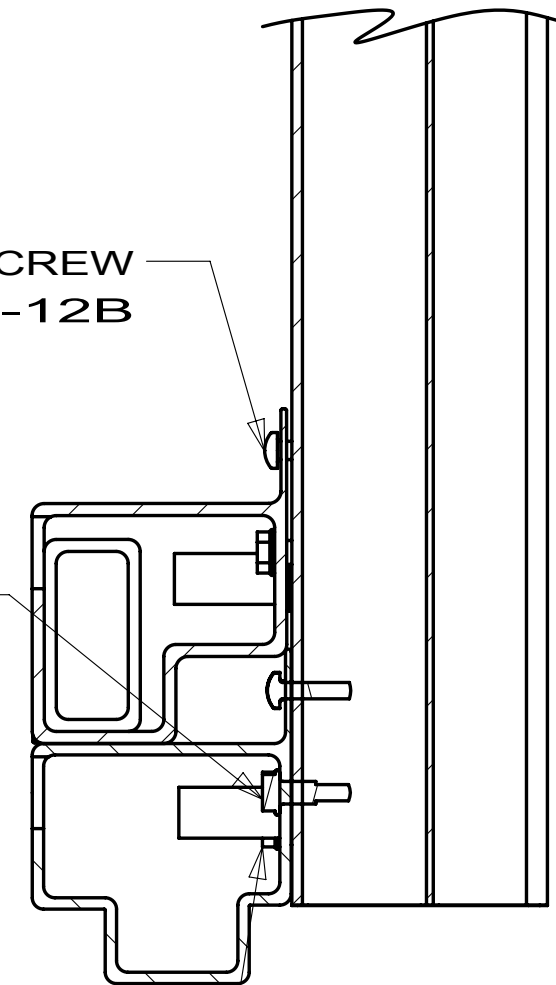
FIRST USED			10 524J
DO NOT SCALE DRAWING			
TITLE:			FRAME ASM-CHASSIS
SHEET 3	PART NO	173139	REV

BOLT
000G42-04-12B
SCREW
000G39-10-12B



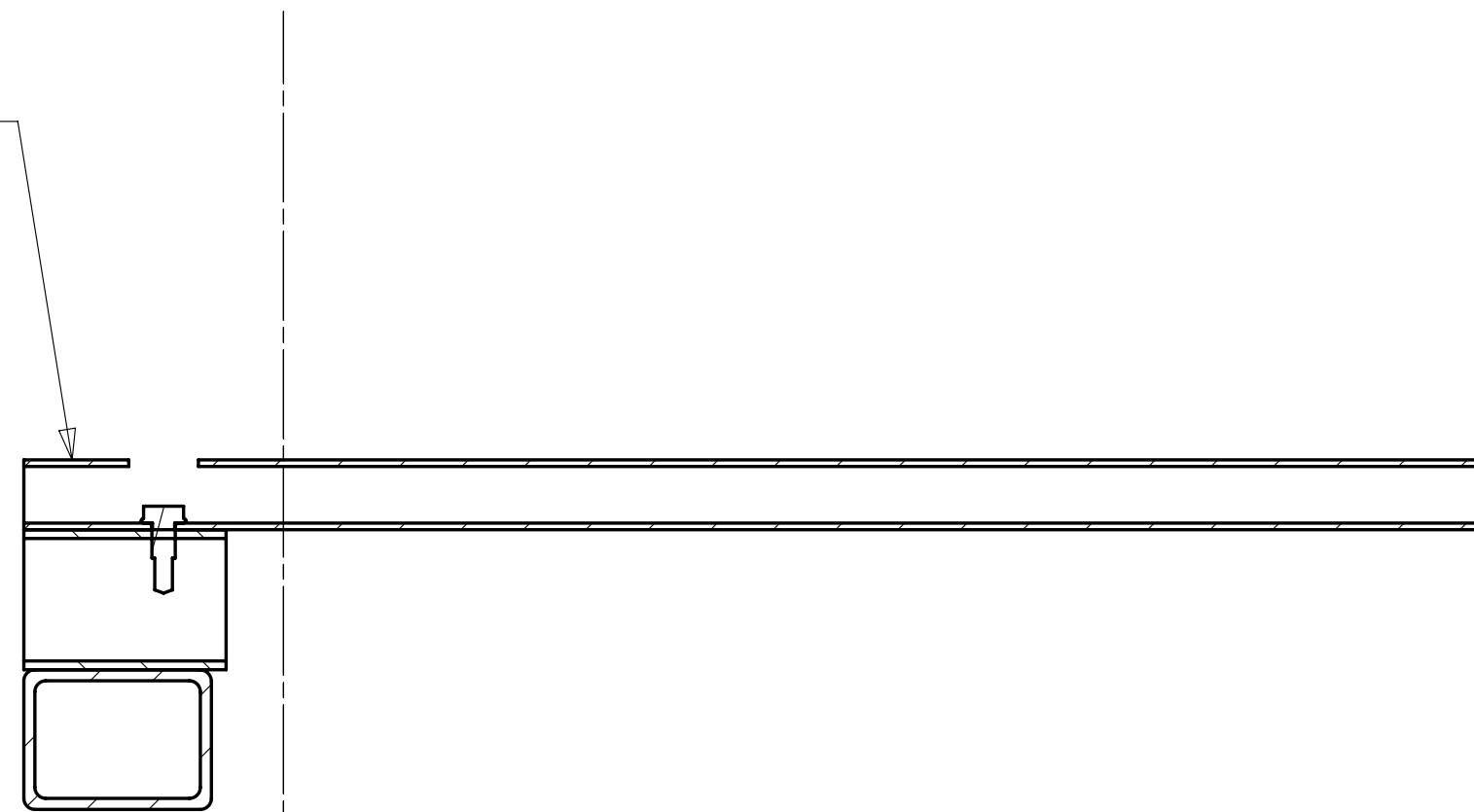
SECTION DA-DA
SECTION DB-DB SIMILAR

SCREW
000G39-10-12B
BOLT
000G42-04-12B
BOLT
000G42-04-12B

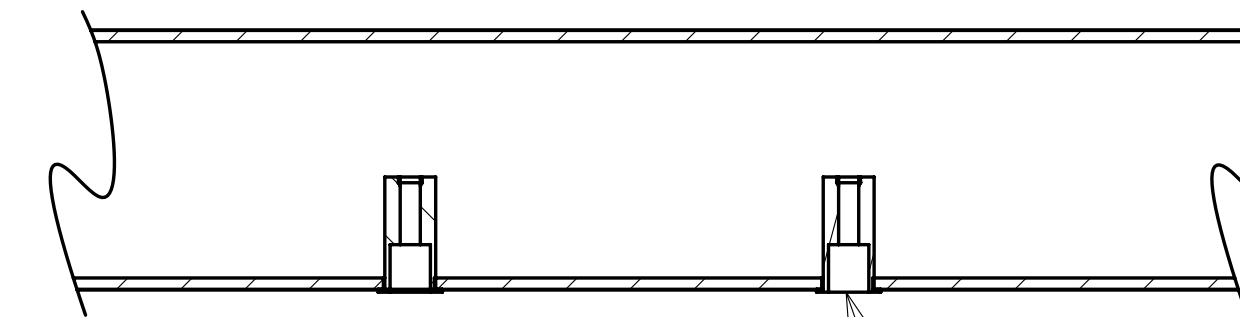


SECTION DC-DC
(3 PLCS)

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



SECTION DE-DE
(3 PLCS)



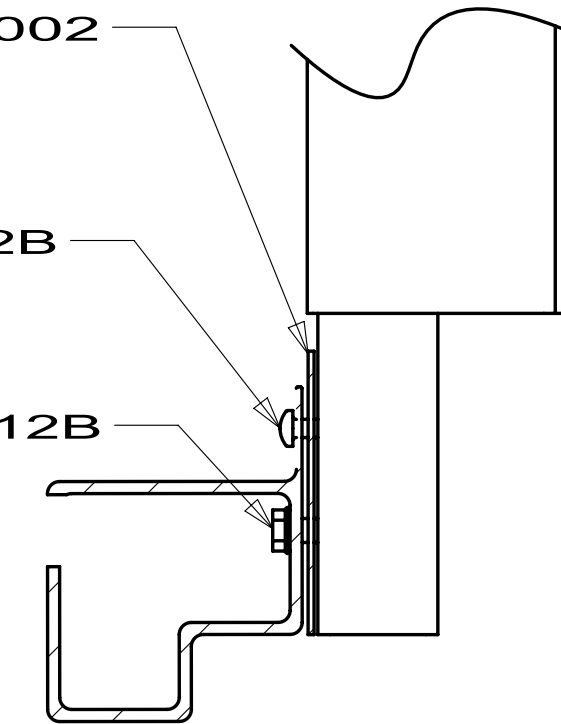
NUT SERT-3/8
039715-06-000 (2)

SECTION DD-DD
(2 PLCS)

EXTR-FRAME
035648-51-002

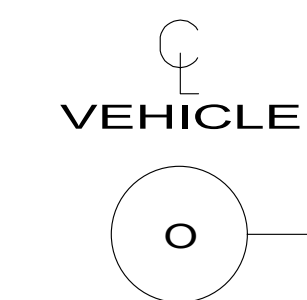
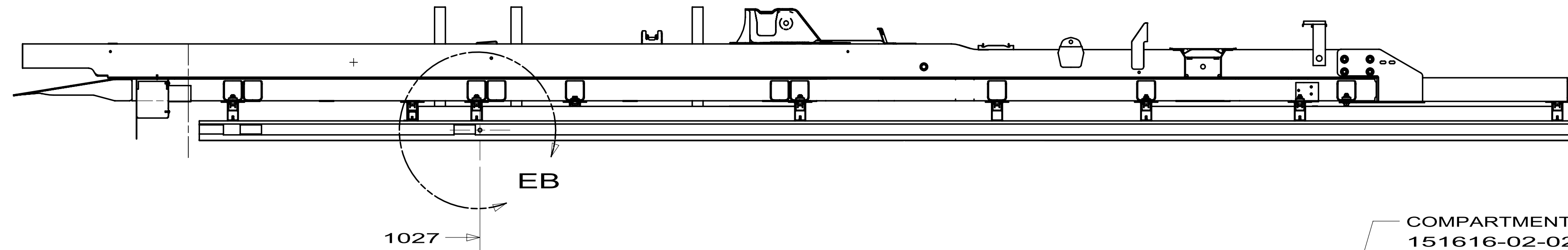
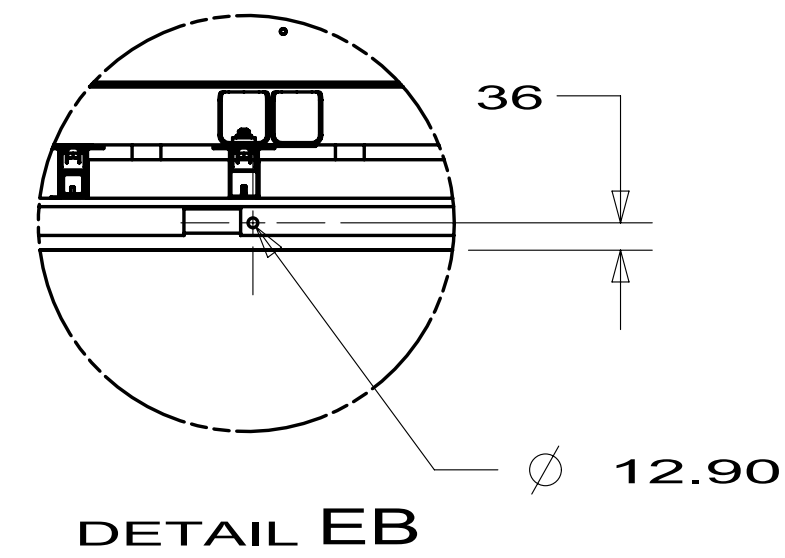
SCREW
000G39-10-12B

BOLT
000G42-04-12B



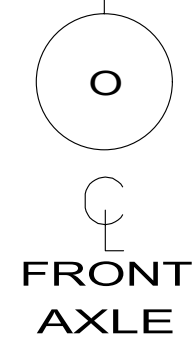
SECTION DF-DF
(2 PLCS)

FIRST USED			10 524J
DO NOT SCALE DRAWING			
TITLE:			
FRAME ASM-CHASSIS			
SHEET 4	PART NO	173139	REV



1125

1478



DATUM

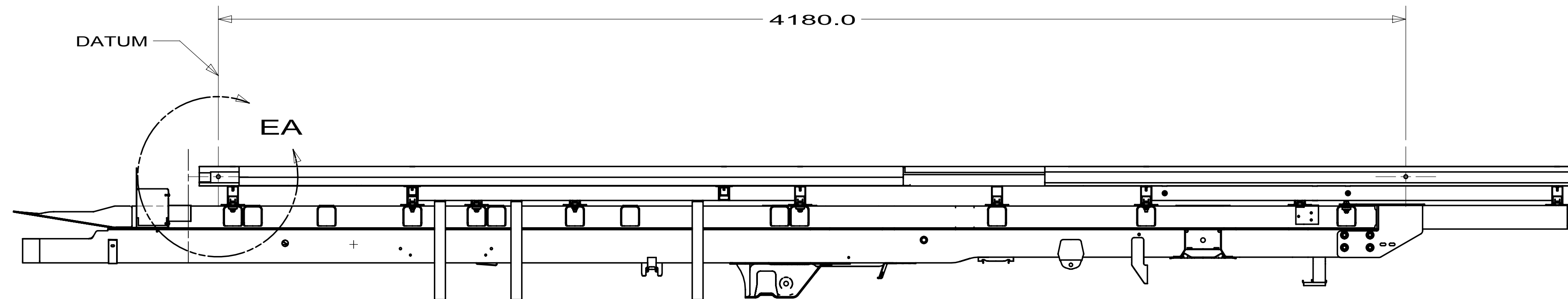
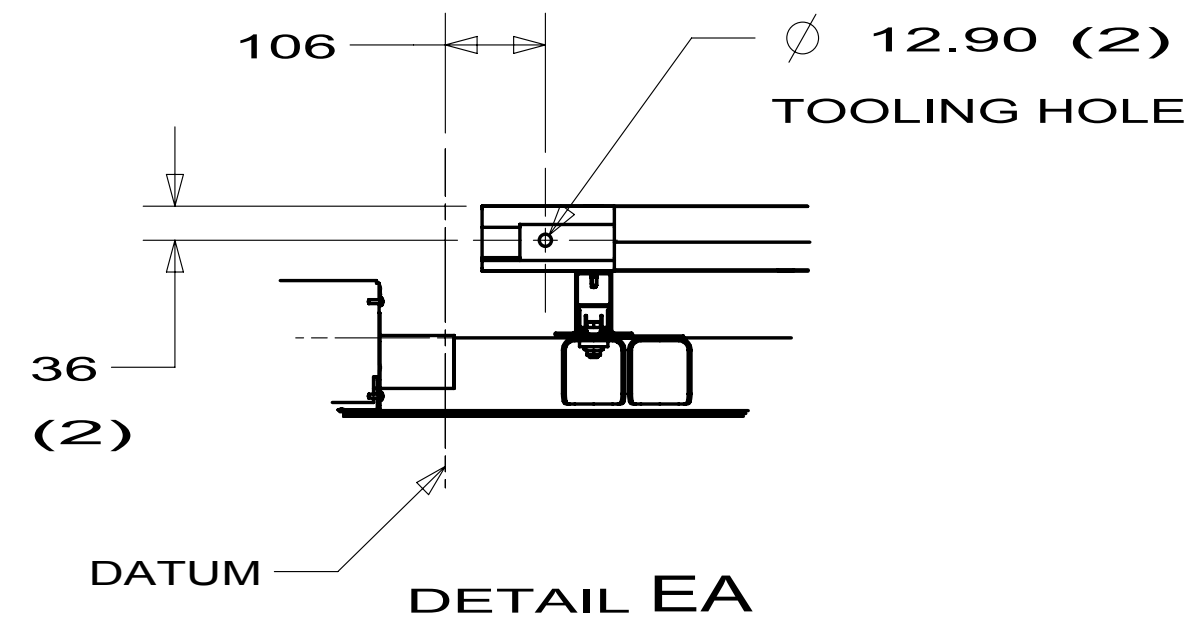
785

COMPARTMENT ASM
169706-02-02B

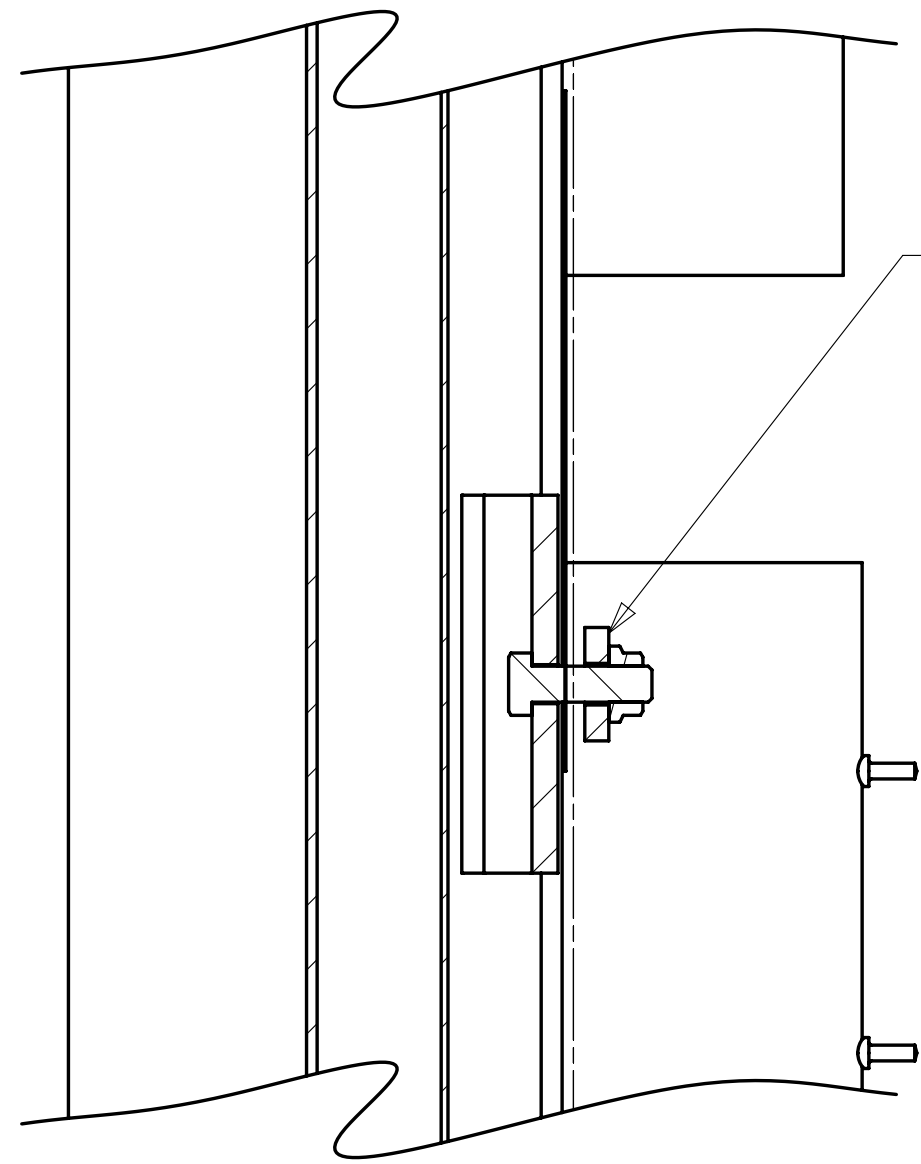
DATUM

4180.0

EA

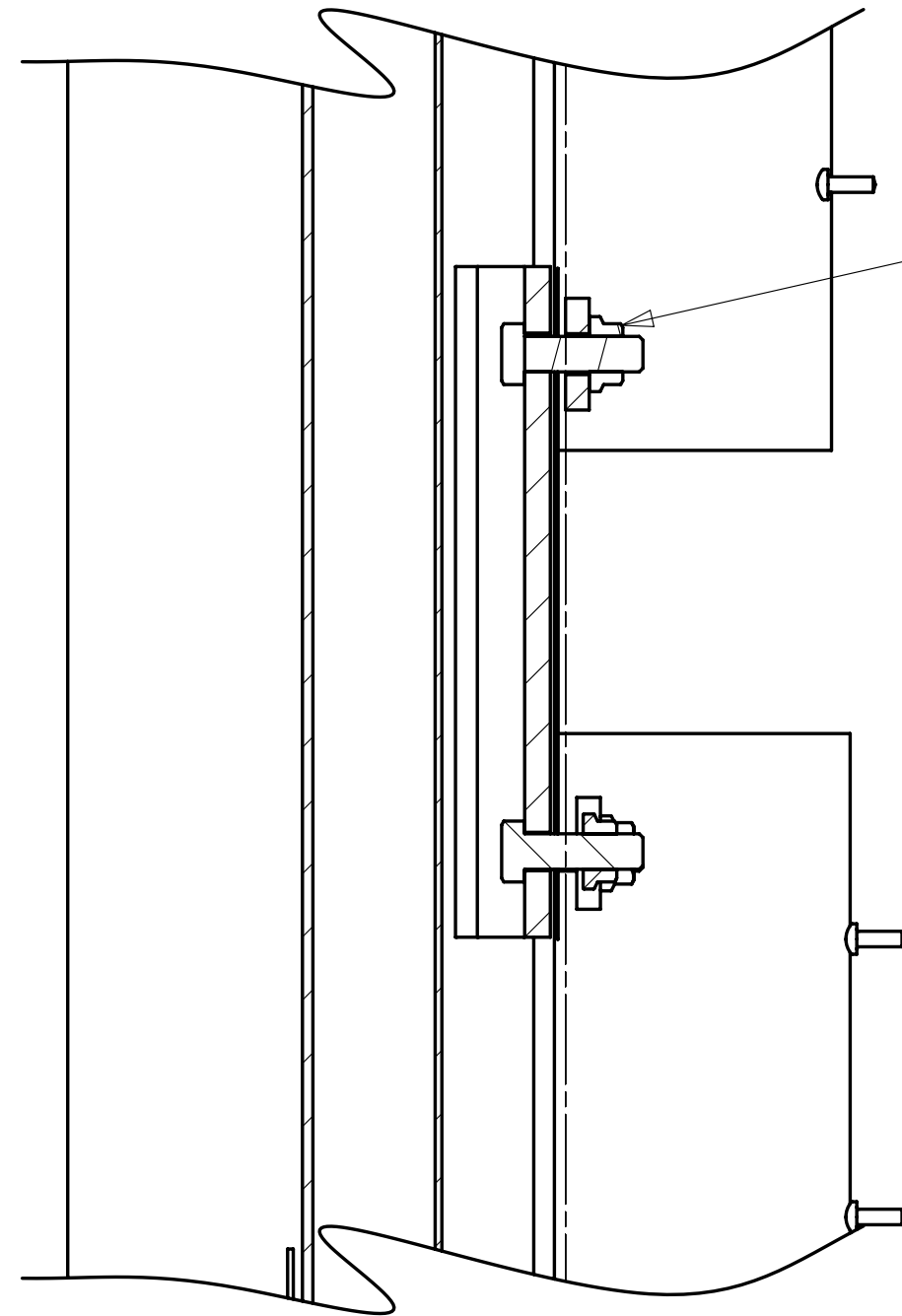


FIRST USED			10 524J
DO NOT SCALE DRAWING			
TITLE:			FRAME ASM-CHASSIS
SHEET 5	PART NO	173139	REV



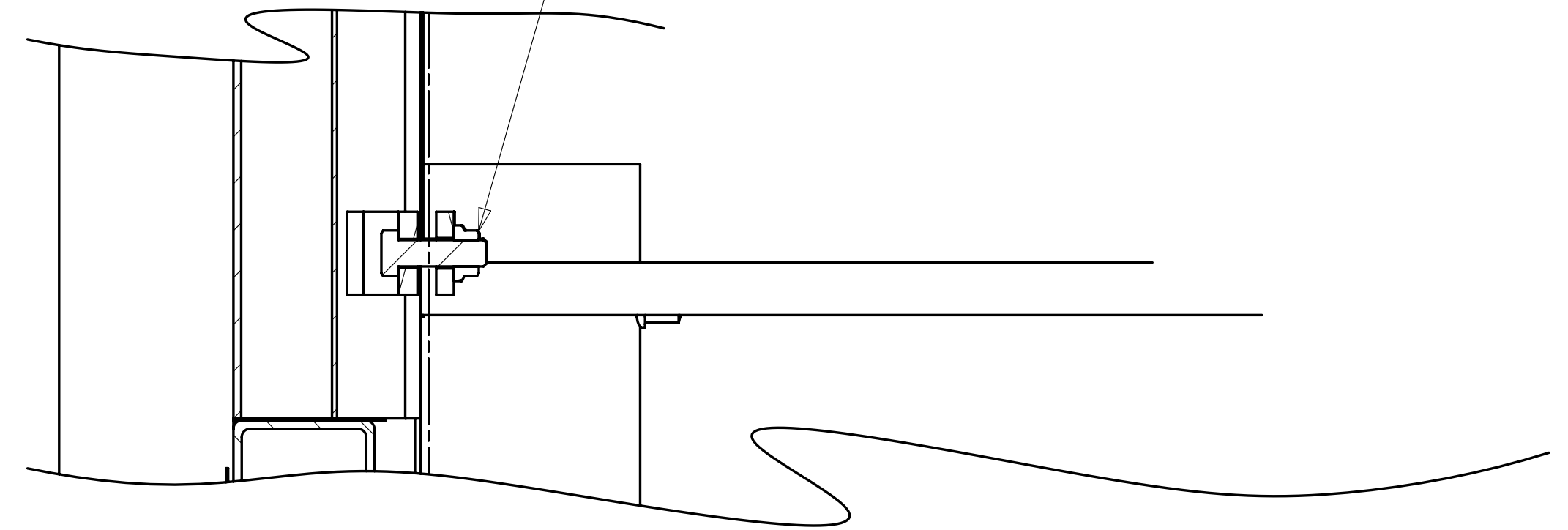
ULOCK-RISER
151437-08-01A
BOLT
000C12-06-20B
NUT
000D39-06-00B
PLATE-BODY MOUNT
135712-05-02B
TAPE
152038-01-01A
(100MM)

SECTION FA-FA
(10 PLCS)



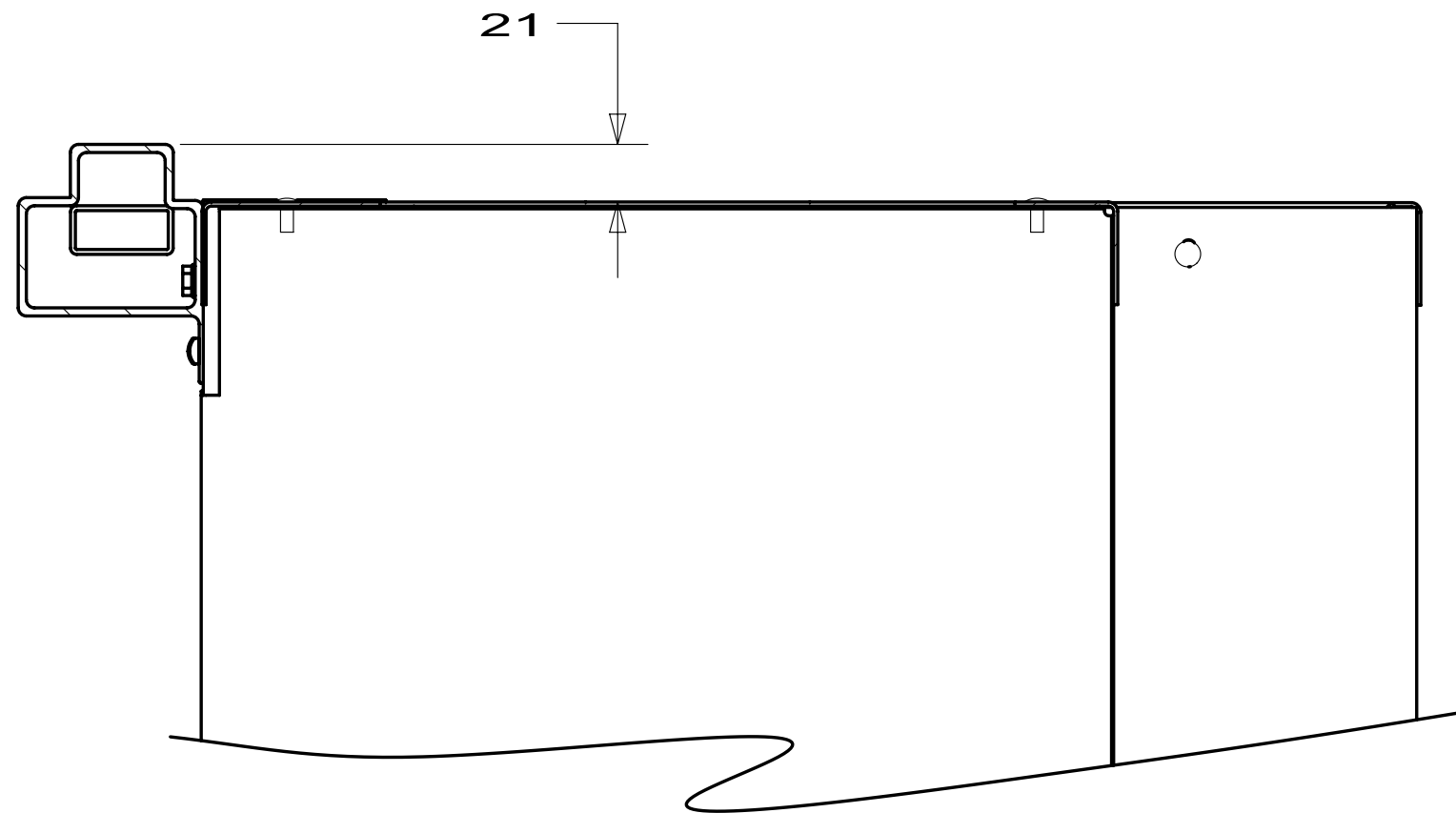
ULOCK-RISER
151437-07-01A
BOLT
000C12-06-20B(2)
NUT
000D39-06-00B(2)
PLATE-BODY MOUNT
135712-05-02B(2)
TAPE
152038-01-01A
(180MM)

SECTION FB-FB
(5 PLCS)

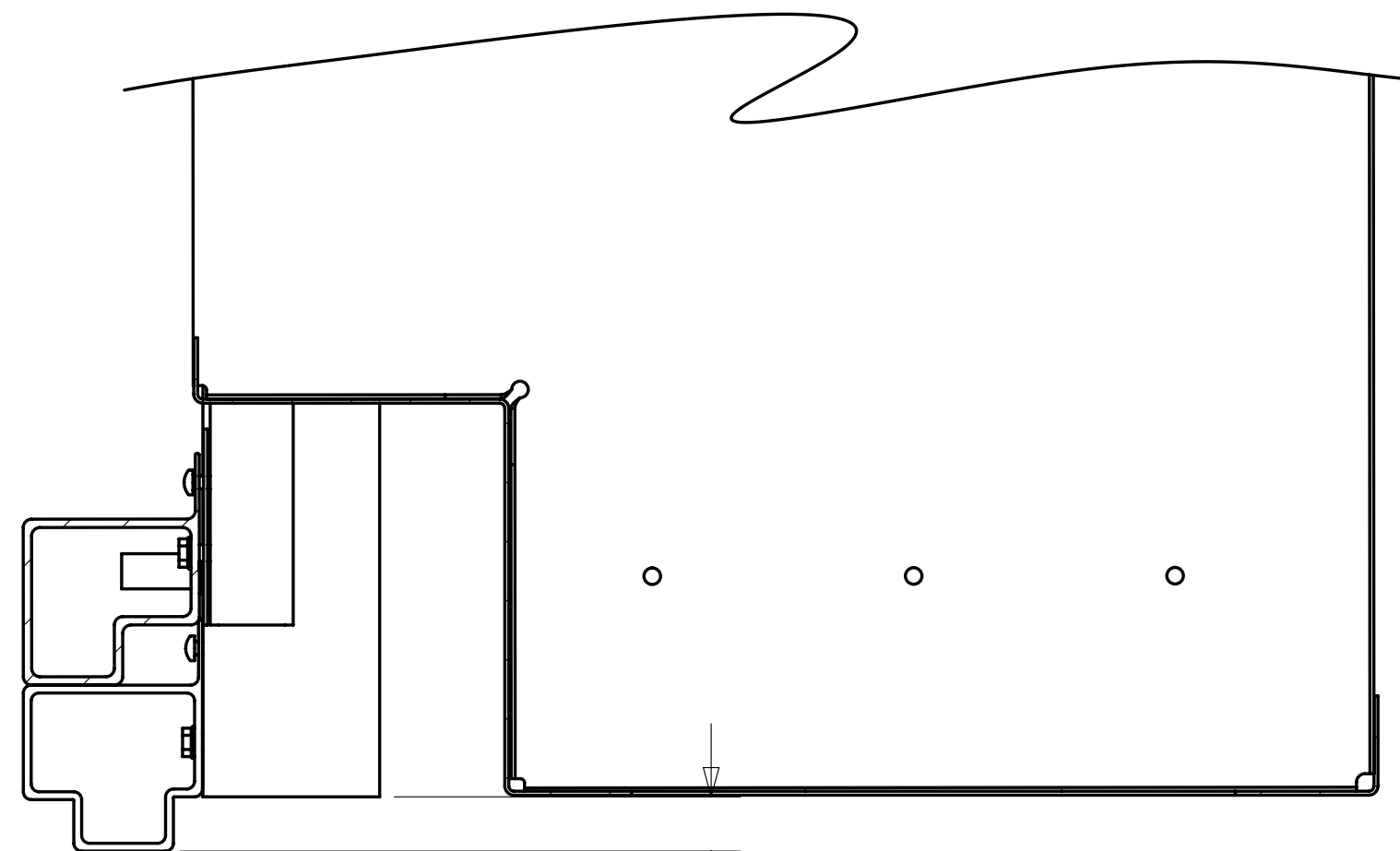


ULOCK-RISER
151437-02-01A
BOLT
000C12-06-20B
NUT
000D39-06-00B
PLATE-BODY MOUNT
135712-05-02B
TAPE
152038-01-01A
(100MM)

SECTION FC-FC



SECTION FD-FD

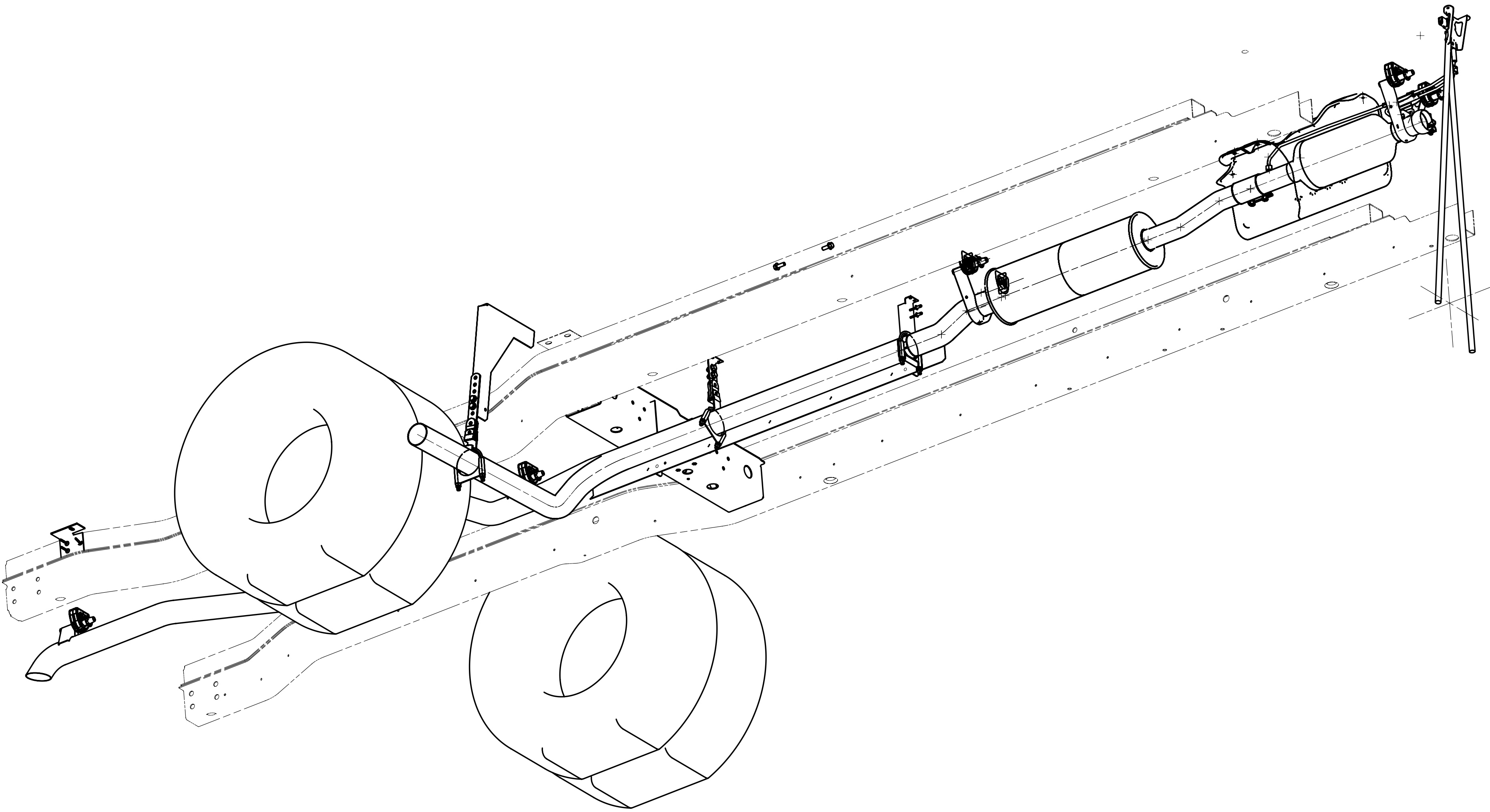


SECTION FE-FE

FIRST USED			10 524J
DO NOT SCALE DRAWING			
TITLE:			
FRAME ASM-CHASSIS			
SHEET 6	PART NO	173139	REV

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 DTR-ORIG



1KB DODGE 11,030# GVWR, DIESEL

		COPYRIGHT 2009 WINNEBAGO INDUSTRIES, INC.	
DTR		ORIG. DATE	
CHKR		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.

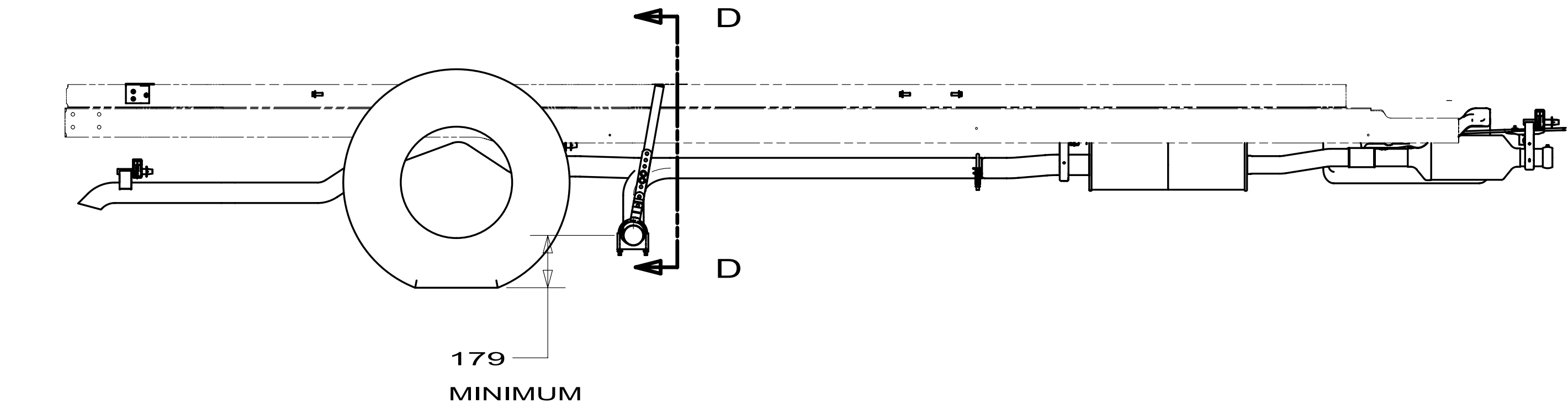
1 TORQUE CLAMP TO 35± 3 Nm.

INDICATES CRITICAL SAFETY
PROCEDURE TO BE FOLLOWED

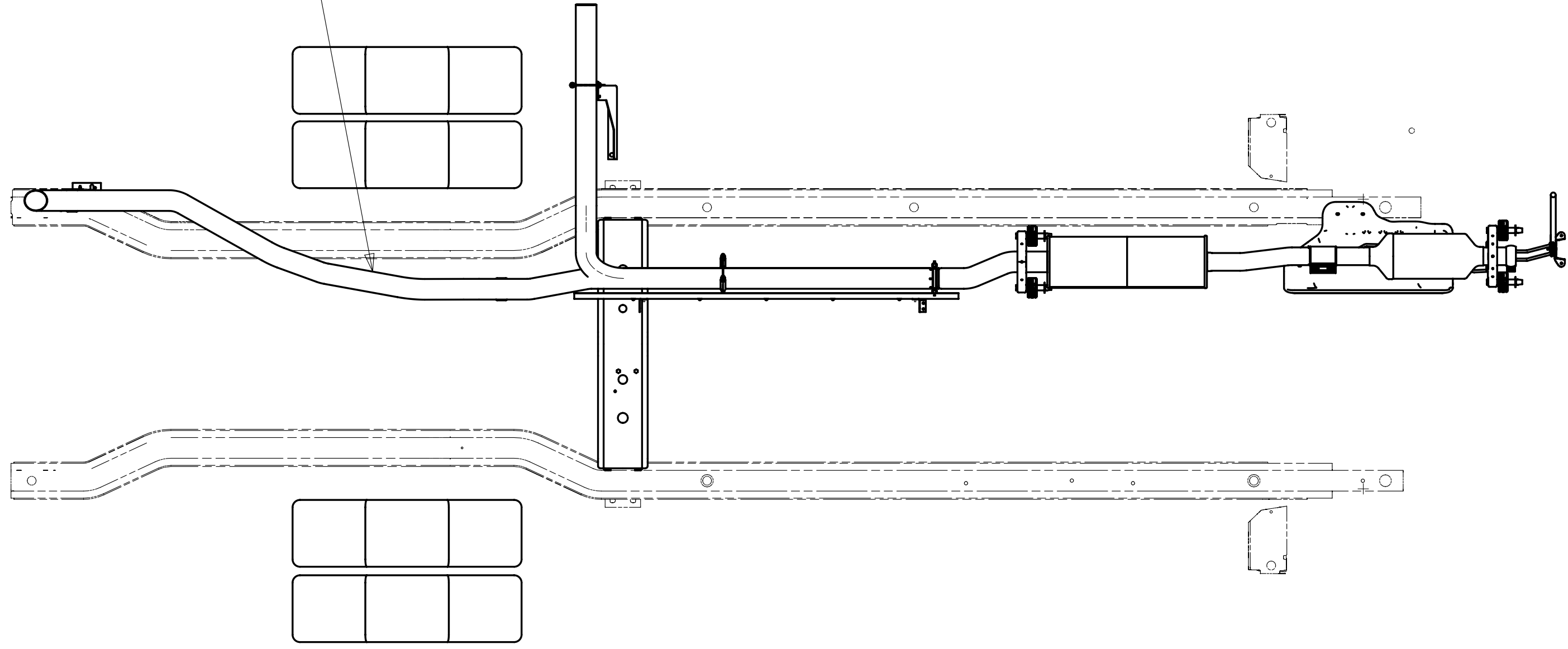
DODGE 11,030# GVWR, DIESEL

DWG NO 169049

1KB

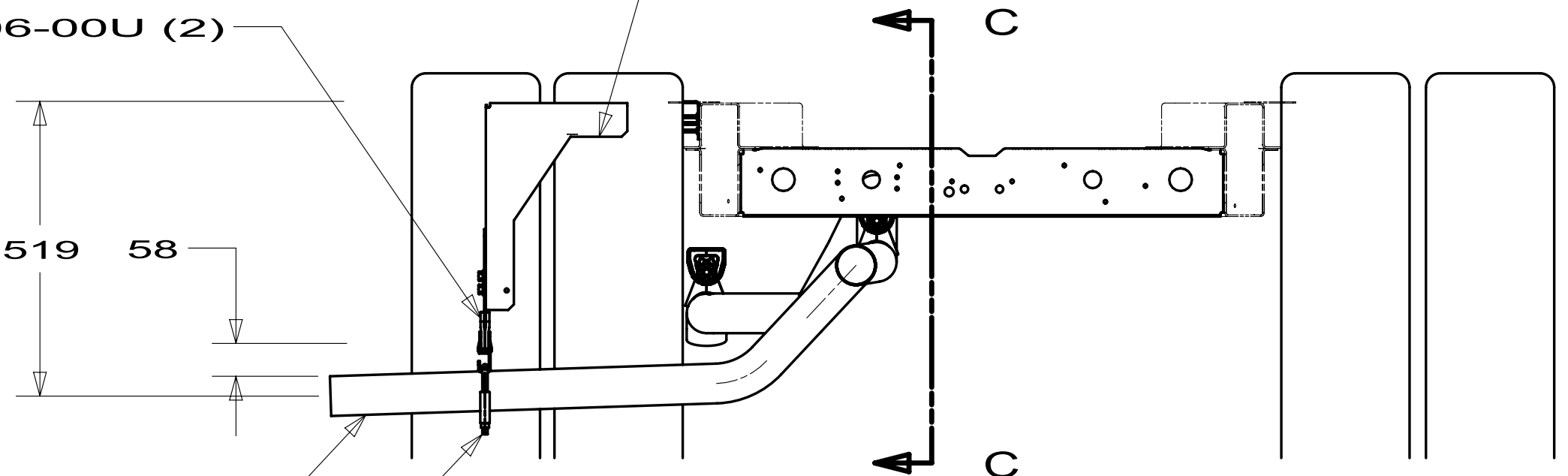


REMOVE THIS PIPE



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)

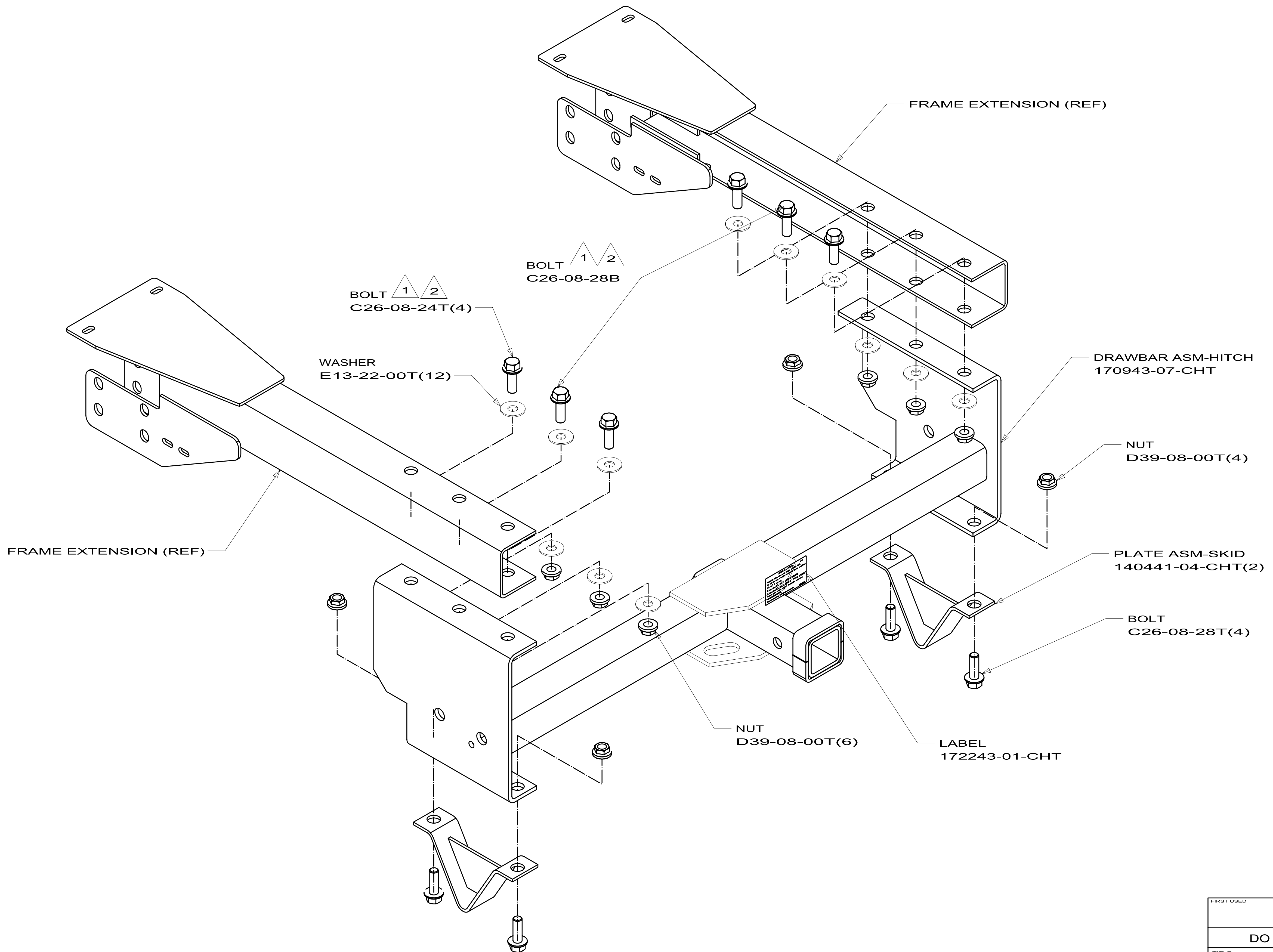
FRONT
AXLE

DATUM

CLAMP
(CHASSIS SUPPLIED)

SECTION C-C

FIRST USED		09 500-SE	
DO NOT SCALE DRAWING			
TITLE:			
EXHAUST SYSTEM INSTL			
SHEET2		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

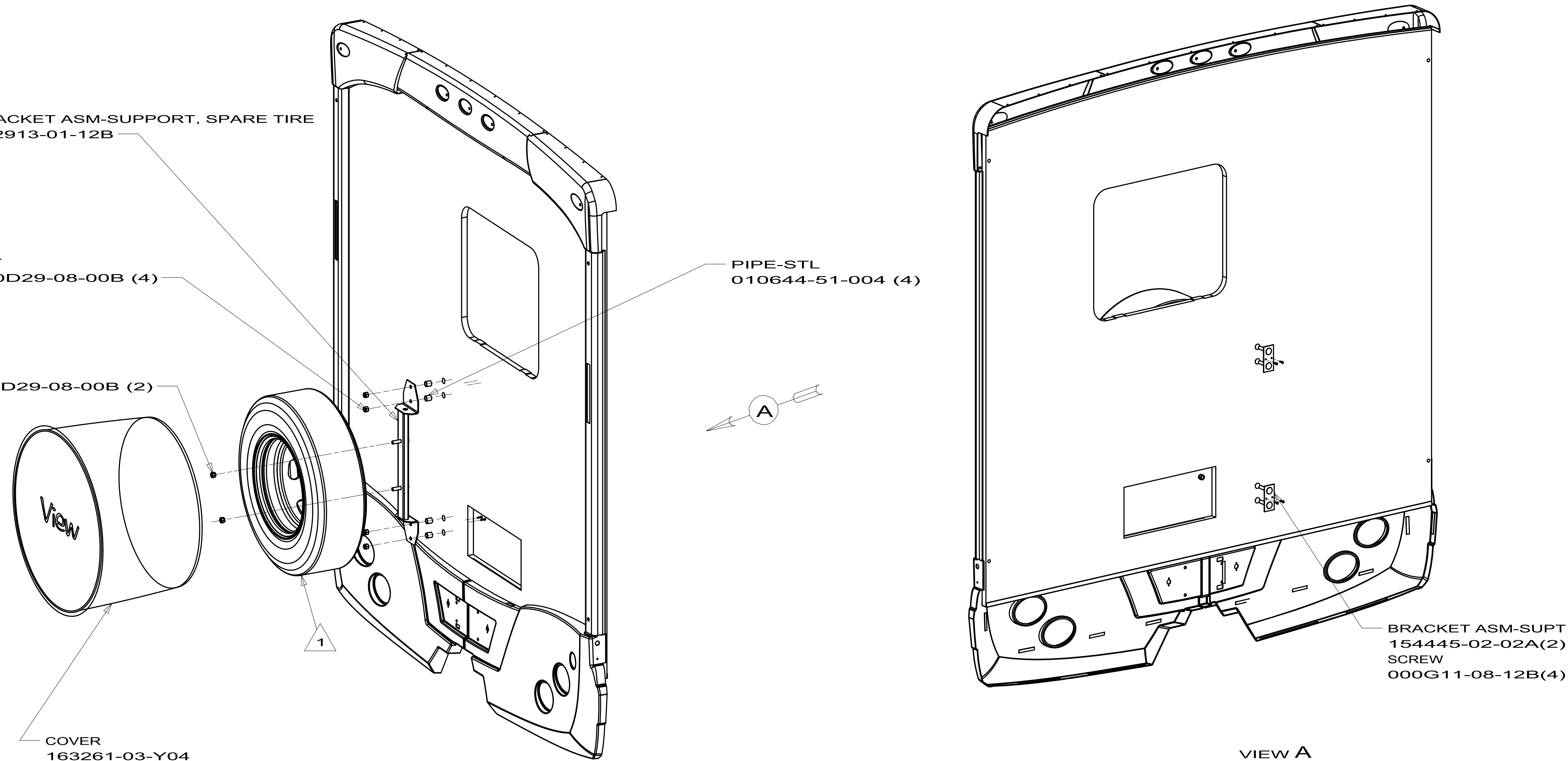
Spare Wheel and Tire Matrix
Chassis Model Year 2008 - Current
March 17, 2009

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 16, 18 (2011 chassis) 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 (2009 chassis), 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	F53 16, 18 (2011 chassis) GVWR E26P	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

524J
156837-22-XXX

TAB-22,PG-23

FIRST USED			09 524J
DO NOT SCALE DRAWING			
TITLE:			SPARE TIRE COMPL
SHEET 13	PART NO	156837	REV



BRACKET ASM-SUPPORT, SPARE TIRE
152913-01-12B

NUT
000D29-08-00B (4)

NUT
000D29-08-00B (2)

PIPE-STL
010644-51-004 (4)

BRACKET ASM-SUPT
154445-02-02A(2)
SCREW
000G11-08-12B(4)

COVER
163261-03-Y04
163261-04-Y15 ITA
UNIVERSAL COVER
073322-50-000

24B 24C 24H 24L 27A 92A

RING-SPARE TIRE COVER
149703-03-01A
INSERT-SPARE TIRE COVER
149703-04-01A

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

NOTES:

8		7		6		5		4		3		2		1	
2010 AND UP WHEEL TRIM MATRIX															DWG NO 159483
D		TIRE AND WHEELS		WHEELCOVERS		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	
	CHEVY C BODY (14050)	225/75R 16"X6.5"	ACCURIDE 29361 AFTERMARKET ACCURIDE 29588	109443-05	REAR:(4)77030-01 REMOVE COVER FOR ACCESS FRONT: (2)77030-01	110435-23-000	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT (2)77030-10	(2)95012-07	PUSH ON (NA)	156797 -01 (2) FRONT -02 (2) REAR	156797 -03 (2) FRONT -04 (2) REAR	REAR INNER (2)77030-01	-	REPLACE NUTS W/ (32) 156797-06 NUT COVERS (32) 149749-05	
	NOT USED														
	DODGE SPRINTER 2500 BVAN 100 SERIES	245/75R 16"X6.5"	ALUM DODGE 68004980AA STL(SPARE) DODGE 1J97SZ0AA	N/A	N/A	N/A	N/A	N/A	N/A	DODGE 68004980AA	DODGE 51045708AA (CENTER CAP)	N/A	N/A	BOLT/DODGE 68013444AA	
		1KD													
	SPRINTER 6 BOLT 16" (DUAL) 500/H SERIES	215/85R 16"X5.5"	MAGNETTO MERCEDES A 001 401 71 02	N/A	N/A	154970-02	CHASSIS SUPPLIED REAR	-	PUSH ON (NA)	168919 -01 SET FRONT -02 SET REAR	168919 -03 SET FRONT -04 SET REAR	---	---	PART OF HUB COVER SET(S)	
		1KB 1KM													
	FORD A BODY F53 10 BOLT 19.5" E/D SERIES	245/70R 19.5"X6.75"	ACCURIDE 29875	N/A	N/A	154672-01	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT CAP ONLY	(2)95012-07	41-47 NM 30-35 LB/FT TORQUE	N/A	-	-	-	-	
		16K 16H(2009)													
FORD A BODY F53 D/J SERIES	235/80R 22.5"X7.5"	ALCOA DURA-BRITE 873400	N/A	-	-	-	-	-	-	KIT WITH ATTACHMENT 150723-01	REAR INNER (2)77030-10	-	-		
	16L 16Z														
FREIGHT LINER (REAR ENGINE) P/R SERIES	255/80R 22.5"X8.25" 295/80R 22.5"X8.25"	ACCURIDE 50487	N/A	N/A	-	REAR INNER (2)77030-11 REAR OUTER (2)77030-10 FRONT (2)77030-01	(2)77030-11	41-47 NM 30-35 LB/FT TORQUE	(2)133429-03 (2)133429-04 ACCURIDE 29697 IFS ONLY FRONT ACCURIDE 29560	FRONT FCCC (2)A22-53422-000 129058-15(2) 129058-16/19 129058-17/20 OR 129058-21/22	REAR 1 INSIDE 129058-06 (2)	129058-18 (2)	(40)129058-10		
	1AF 1LE 1LT 1LU														
FORD C BODY E350/450 200/300/700 SERIES	225/75R 16"X6"	(ARVIN MERRITOR) FORD 8C24-1015-H	109443 -05-000	REAR: FORD 1/2" FRONT: FORD 1/2" (LIKE 077030-10) REMOVE COVER FOR REAR ACCESS	110435-23-000	REAR INNER (2)95012-05 REAR OUTER AND FRONT CHASSIS SUPPLIED 1/2"(77030-10)	(2)95012-07	PUSH ON (NA)	(2)149749-01 (2)149749-02 (UP TO 06-22-09) (2)149749-07 (2)149749-08 (AFTER 06-23-09)	156797 -03(2)FRONT -04(2)REAR	REAR INNER (2)77030-01	---	REPLACE NUTS W/ (32) 149749-06 NUT COVERS (32) 149749-05		
	16C 16Y														
FORD A BODY F53 16K 2009 E26P 18K (2011) E/D SERIES	225/70R 19.5"X6.0"	(HAYES LAMMERZ) FORD 8U94-1015-BA	N/A	N/A	154672-02	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT CAP ONLY	(2)95012-07	41-47NM 30-35 LB/FT	N/A	---	---	---	---		
	16N 16H(2011)														
FRONT ENGINE FREIGHT LINER J SERIES	225/80R 22.5"X8.25"	ACCURIDE 50487	N/A	N/A	145580-05	REAR INNER (2)77030-11 REAR OUTER (2)77030-10 FRONT (2) 77030-01	(2)77030-11	41-47NM 30-35 LB/FT TORQUE	(2)133429-03 (2)133429-04 ACCURIDE 29697	FRONT FCCC(2) A22-53422-000 129058-15(2) 129058-17/20	REAR 1 INSIDE 129058-06 (2)	129058-18 (2)	(40)129058-10		
	1L1 1LL														
5 WINNEBAGO INSTALLED.															
4 FREIGHTLINER LOGO NOT FOR WORKHORSE APPLICATION.															
3 NO WINNEBAGO 8 BOLT HUB COVER WITHOUT PORT.															
2 BRACKET-17/20 FOR 145 AXLE, BRACKET-21/22 FOR 144 AXLE.															
1 CHASSIS SUPPLIED															
SOME PARTS UNIQUE TO CHASSIS MFGR., NO WINNEBAGO P/N															
CONTINUED ON NEXT PAGE															
07 MOTORHOMES															
DO NOT SCALE DRAWING															
TITLE: WHEEL INSTL															
SHEET 1 PART NO 159483 REV															
8		7		6		5		4		3		2		1	

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 Ø & 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" 1PJ 1PL	MAXION W0007492	N/A	-	145580-06	REAR INNER CHASSIS SUPPLIED	N/A	41-47 NM 30-35 LB/FT TORQUE	N/A	-	-	-	-	
	WORKHORSE W20/22 E/D SERIES	245/70R 19.5"X6.75" 1PE 1PR	MAXION W0002404	N/A	-	134609-02 145580-03	REAR INNER (2)95012-09 REAR OUTER (2)77030-10 FRONT (2)77030-10 6	(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	
	WORKHORSE W20/22/24 D/J SERIES	225/70R 22.5"X6.75" 1PS 1PU 1PV	MAXION W0002404	N/A	-	134609-05 145580-02	REAR INNER (2)95012-10 REAR OUTER (2)77030-01 FRONT (2)77030-10 6	(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	
C	-	-	-	-	-	-	-	-	-	-					

KEY	PART NUMBER	U/M	DESCRIPTION	154970-02-000
	110435-01-711	EA	DECAL-CENTER CAP- 2" - QTY 2	VENDOR NO.
	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	