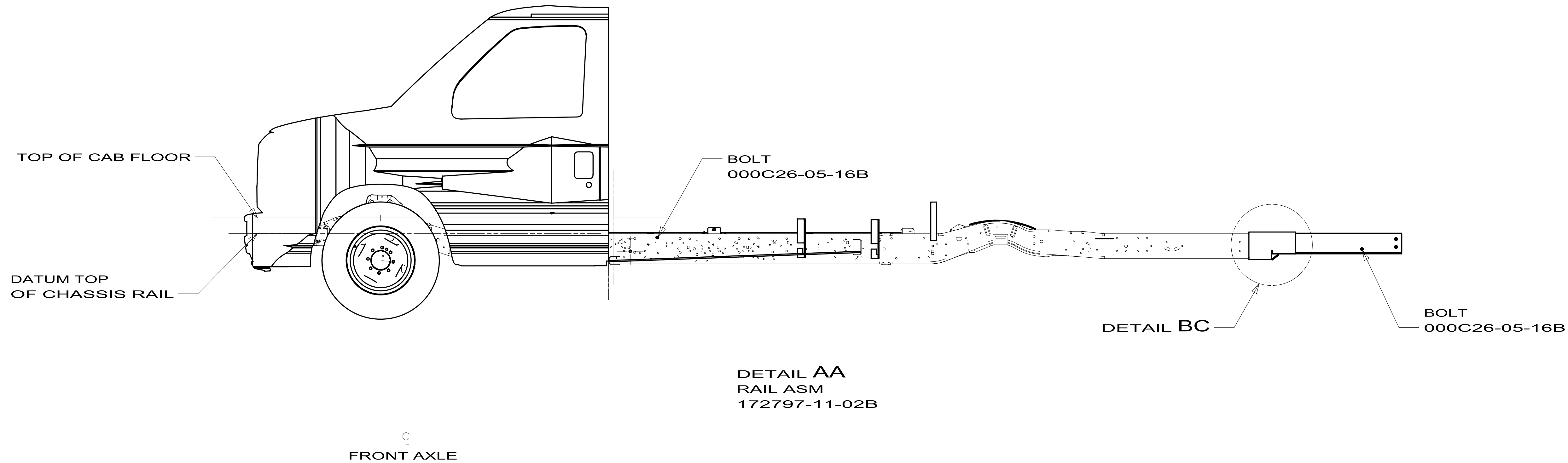
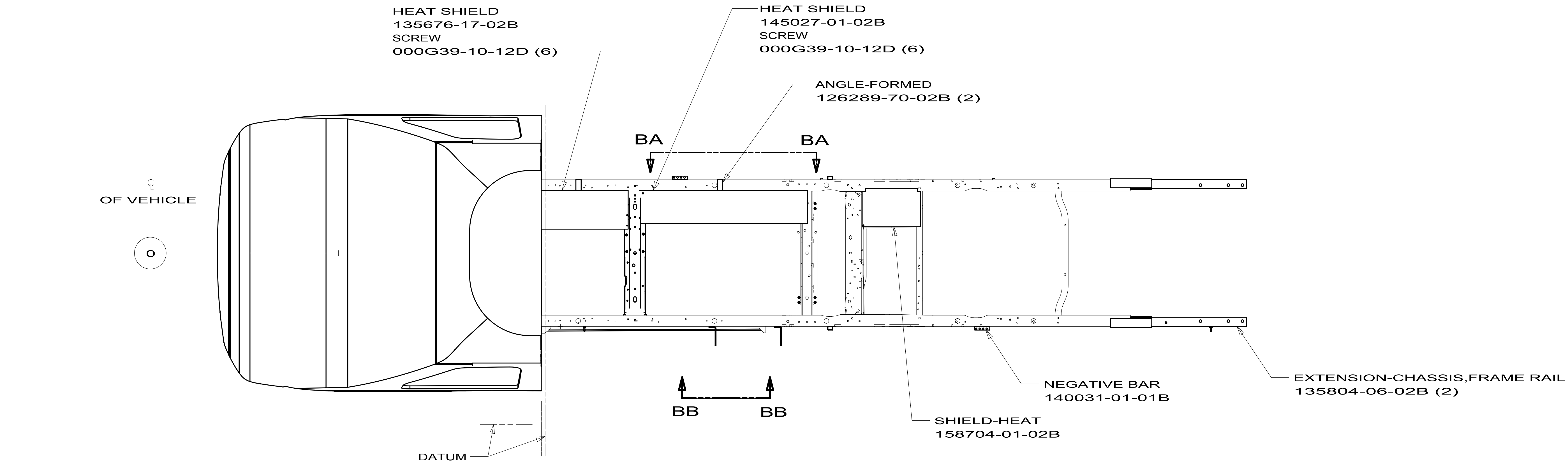




172797-13	3
172797-12	4,5
172797-11	1,2
PART NO	SHEET

4. WELD PER ES0063, UNLESS OTHERWISE SPECIFIED.

3. SEAL ALL JOINTS OF COMPARTMENTS AND CLOSEOUT PANELS WITH SEALANT 053766-01-000.

2. CLEAN AND E-COAT ALL PIECE PARTS PRIOR TO ASSEMBLY.

1. SPRAY ALL WELDS WITH UNDERCOAT 100053-01-000 OR 100053-03-000.

9. TO BE INSTALLED AFTER FRAME ASM IS MOUNTED TO CHASSIS.

8. DO NOT WELD PAST TANGENT POINT INTO RADIUS OF FLANGE ON FRAME RAILS.

7. SECTION OF TUBE TO BE REMOVED.

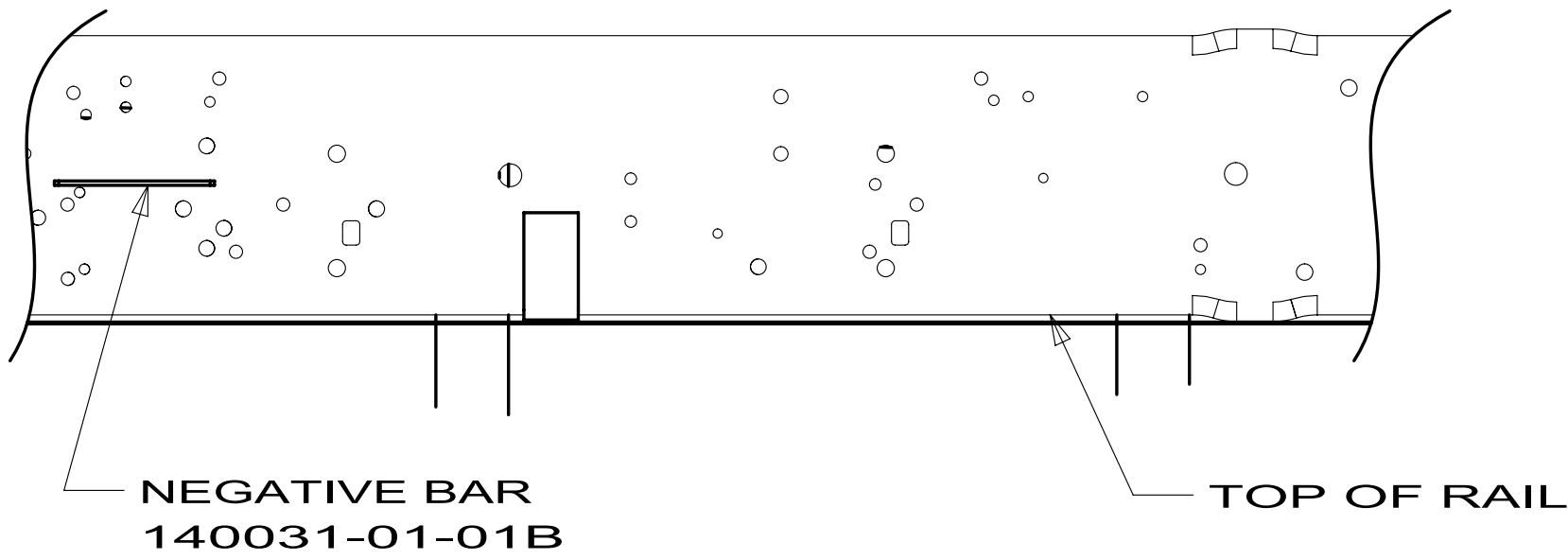
6. REMOVE TWO REAR SCREWS ON RIGHT SEAT BELT MOUNT.

5. LEFT CHASSIS RAIL TOOLING HOLE IS USED FOR FIXTURING ASSEMBLY.

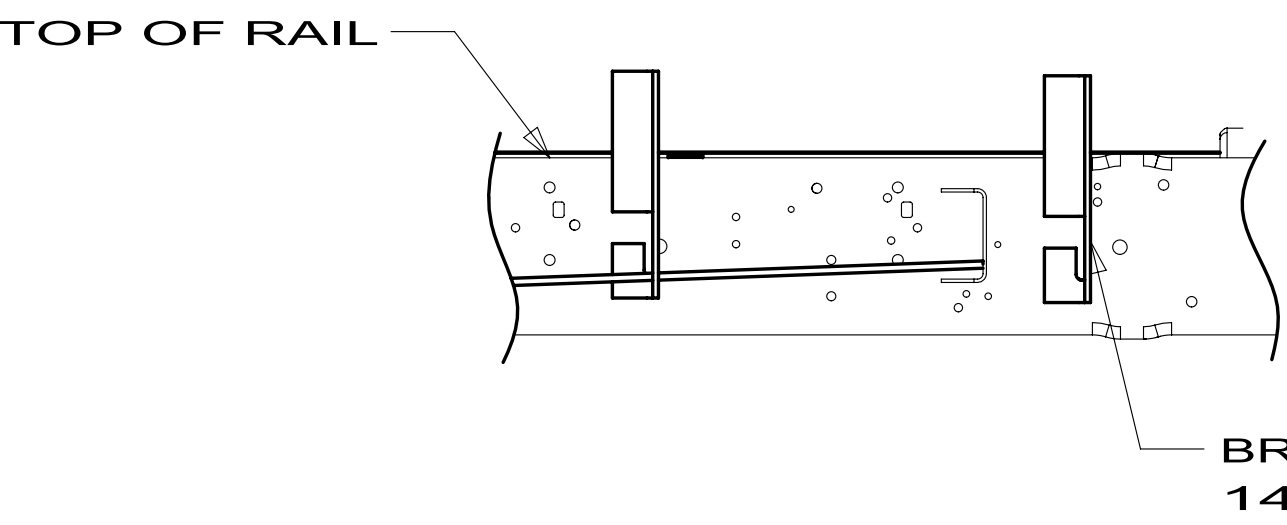
FRAME ASM-CHASSIS,FORD

1 6

172797

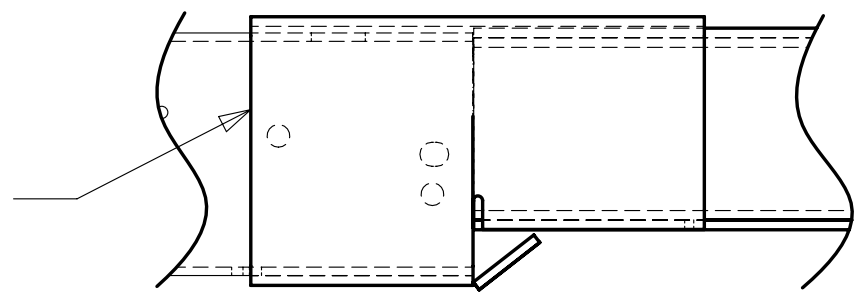


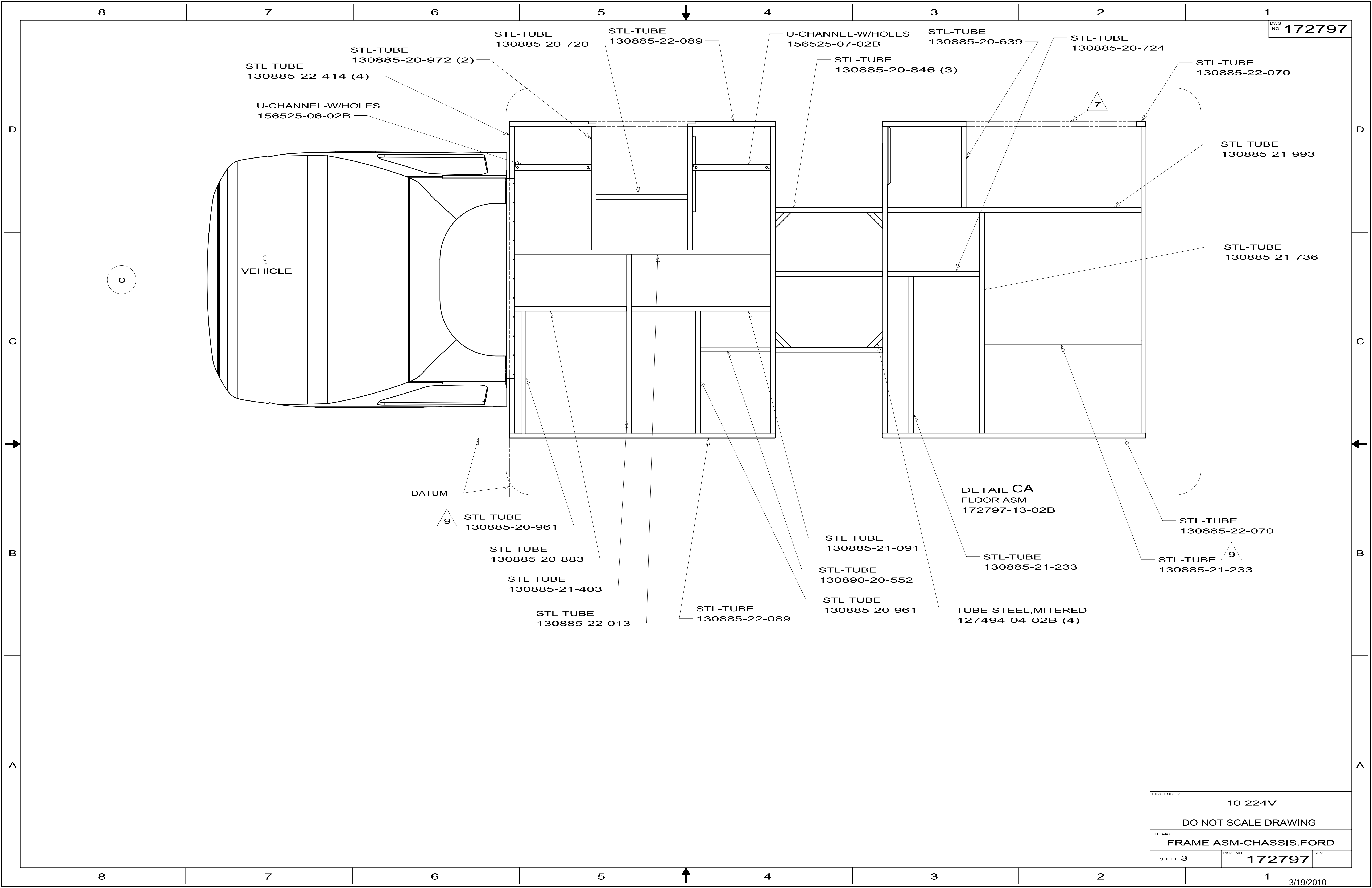
VIEW BA-BA



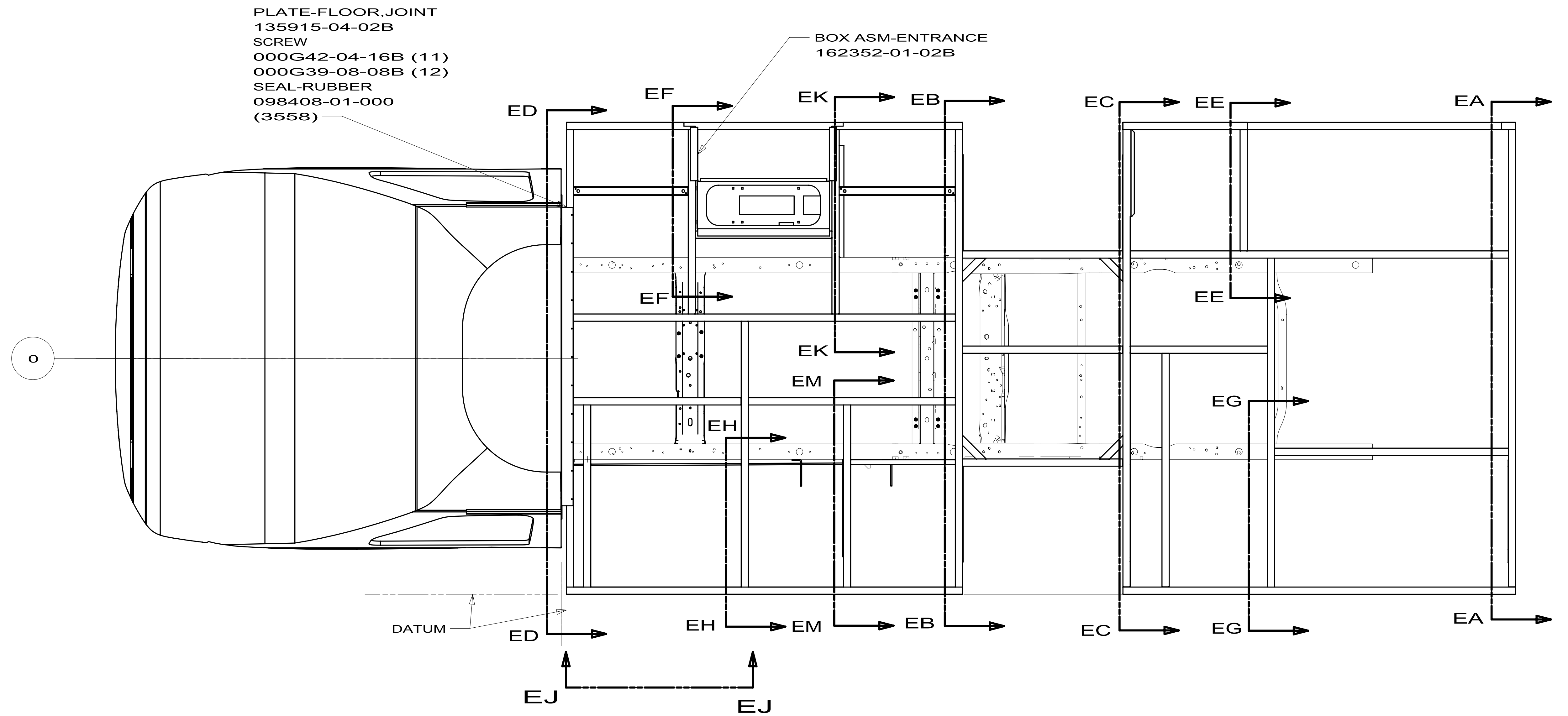
VIEW BB-BB

SUPPORT
172096-01-01B (RH)
172096-02-01B (LH)



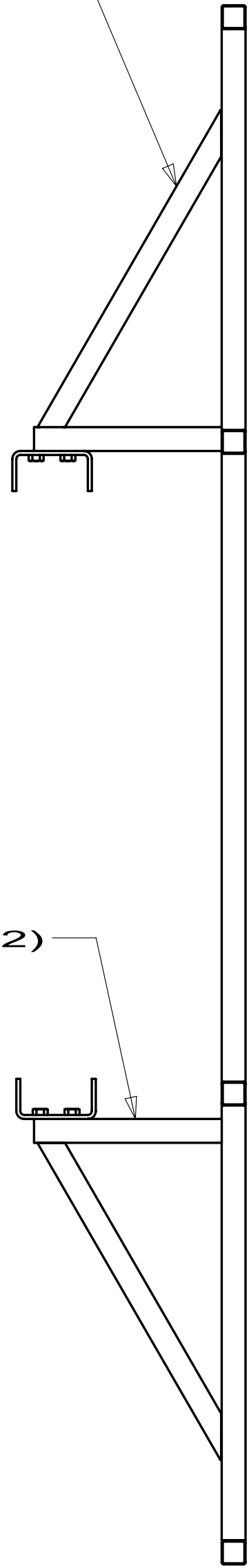


FIRST USED			10 224V
DO NOT SCALE DRAWING			
TITLE:			FRAME ASM-CHASSIS,FORD
SHEET 3	PART NO	172797	REV



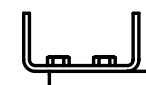
10 224V

TUBE-MITERED, BOTH ENDS
142628-02-02B (2)



SECTION EA-EA

STL-TUBE
130885-20-300 (2)



SECTION EB-EB

STL-TUBE
130885-20-300

STL-TUBE
130885-20-240

GUARD ASM-ROCK
136391-02-02B
BOLT
000C26-05-12B (3)
NUT
000D39-05-00B (3)

SUPPORT-MUD FLAP
157464-02-02B
(WELD TO REAR
SIDE OF TUBE)

STL-TUBE
130890-20-300 (2)

STL-TUBE
130890-20-250 (2)

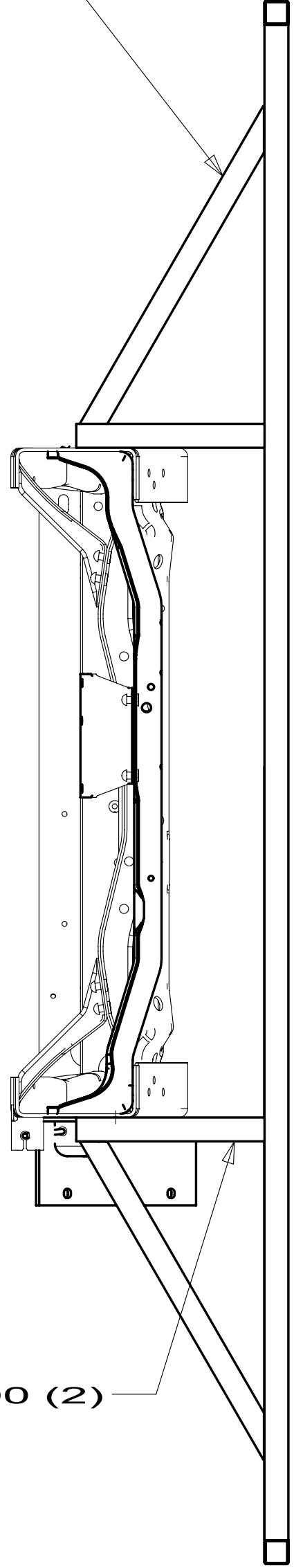
ANGLE-FORMED
137344-03-02B (2)

ANGLE-FORMED
137344-03-02B (2)

STL-TUBE
130885-20-300 (2)

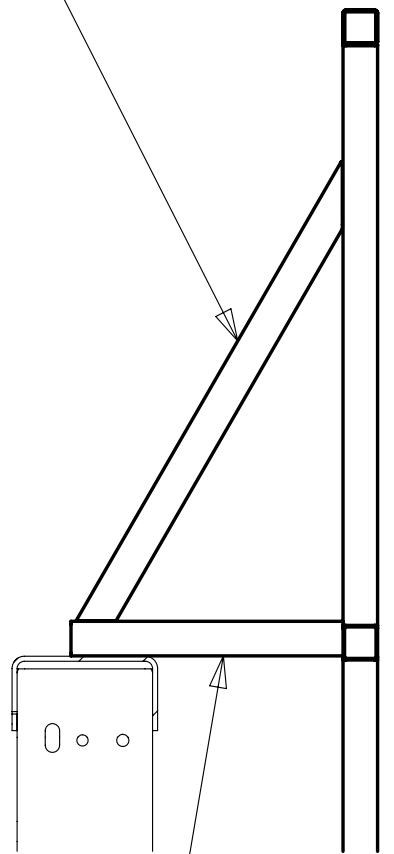
SECTION EC-EC

TUBE-MITERED, BOTH ENDS
142628-02-02B (2)



SECTION ED-ED

TUBE-MITERED, BOTH ENDS
142628-02-02B



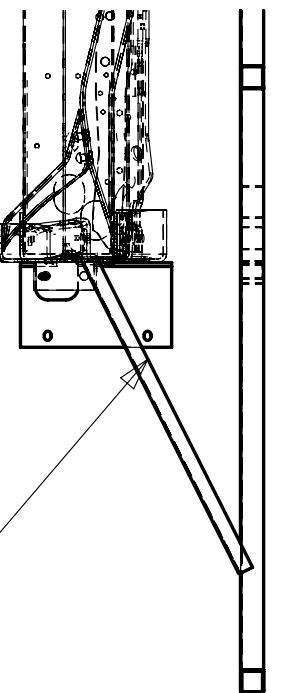
SECTION EE-EE

STL-TUBE
130885-20-300

STL-TUBE
130885-20-300

TUBE-MITERED
142628-02-02B

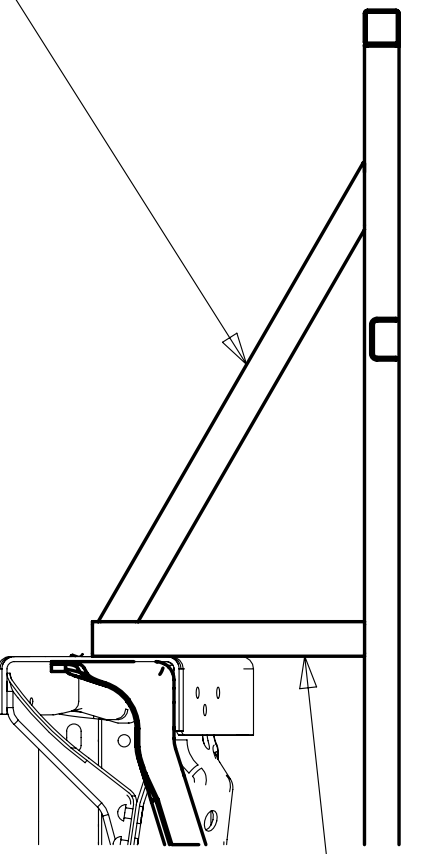
SECTION EG-EG



SECTION EM-EM

ANGLE-FORMED
137344-03-02B

TUBE-MITERED, BOTH ENDS
142628-02-02B



SECTION EF-EF

STL-TUBE
130885-20-300

STL-TUBE
130885-20-300

TUBE-MITERED
142628-02-02B

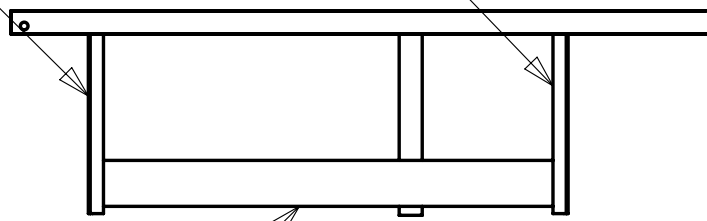
SECTION EH-EH

PANEL-COMPARTMENT,SIDE
137350-02-02B

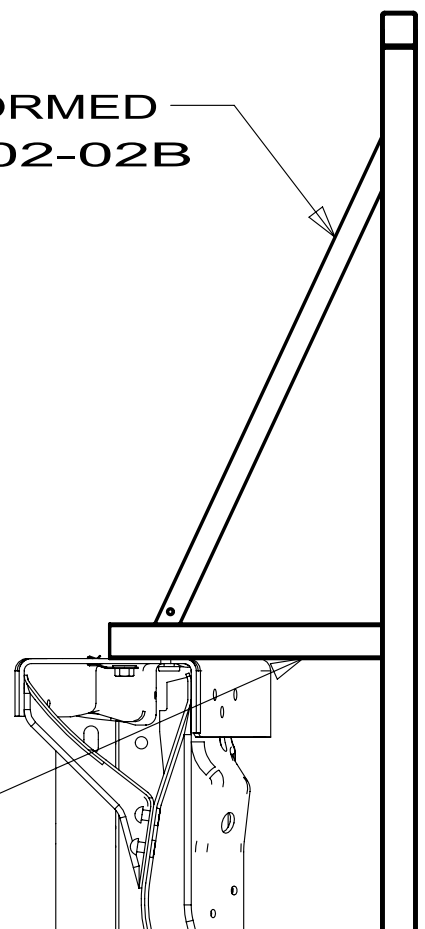
PANEL-COMPARTMENT,SIDE
137350-01-02B

ANGLE-GENERATOR
122410-01-02B

VIEW EJ-EJ



ANGLE-FORMED
137344-02-02B



SECTION EK-EK

STL-TUBE
130885-20-300

10 224V

FRAME ASM-CHASSIS,FORD

D

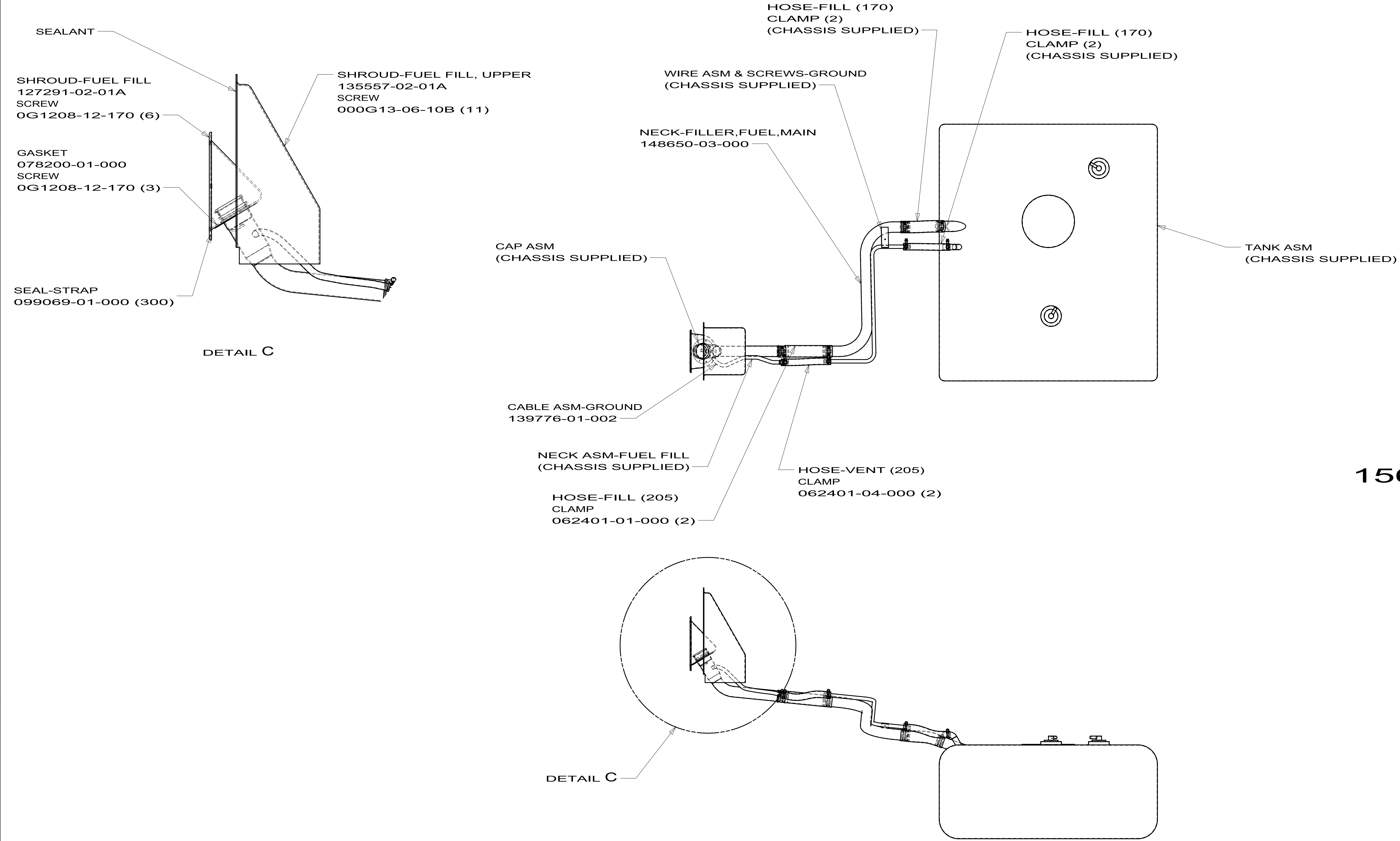
C

B

A

224V
156835-03

FIRST USED			07 224V
DO NOT SCALE DRAWING			
TITLE:			FUEL FILL INSTL
SHEET 2	PART NO	156835	REV



D

C

B

A

8

7

6

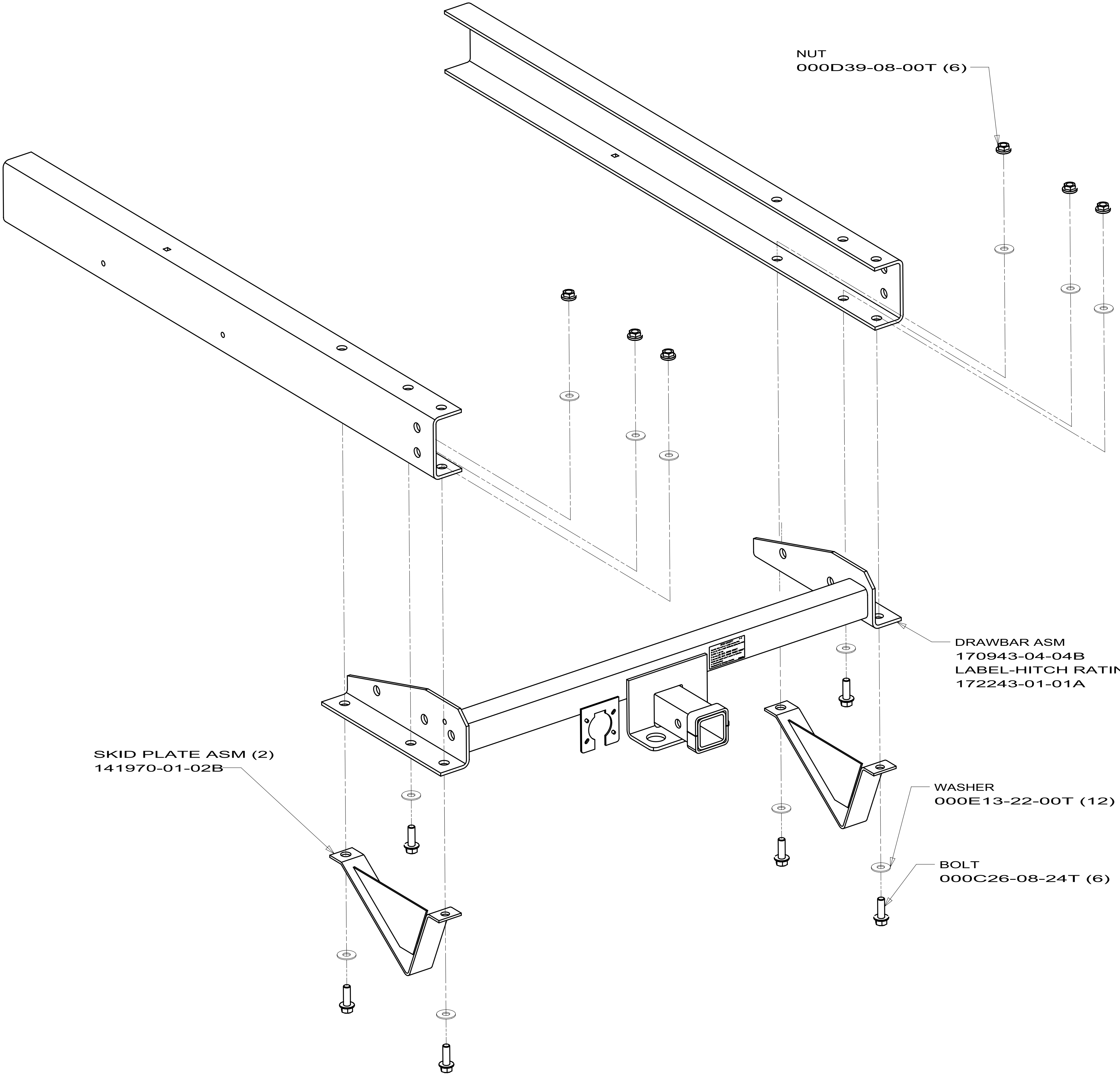
5

4

3

2

1



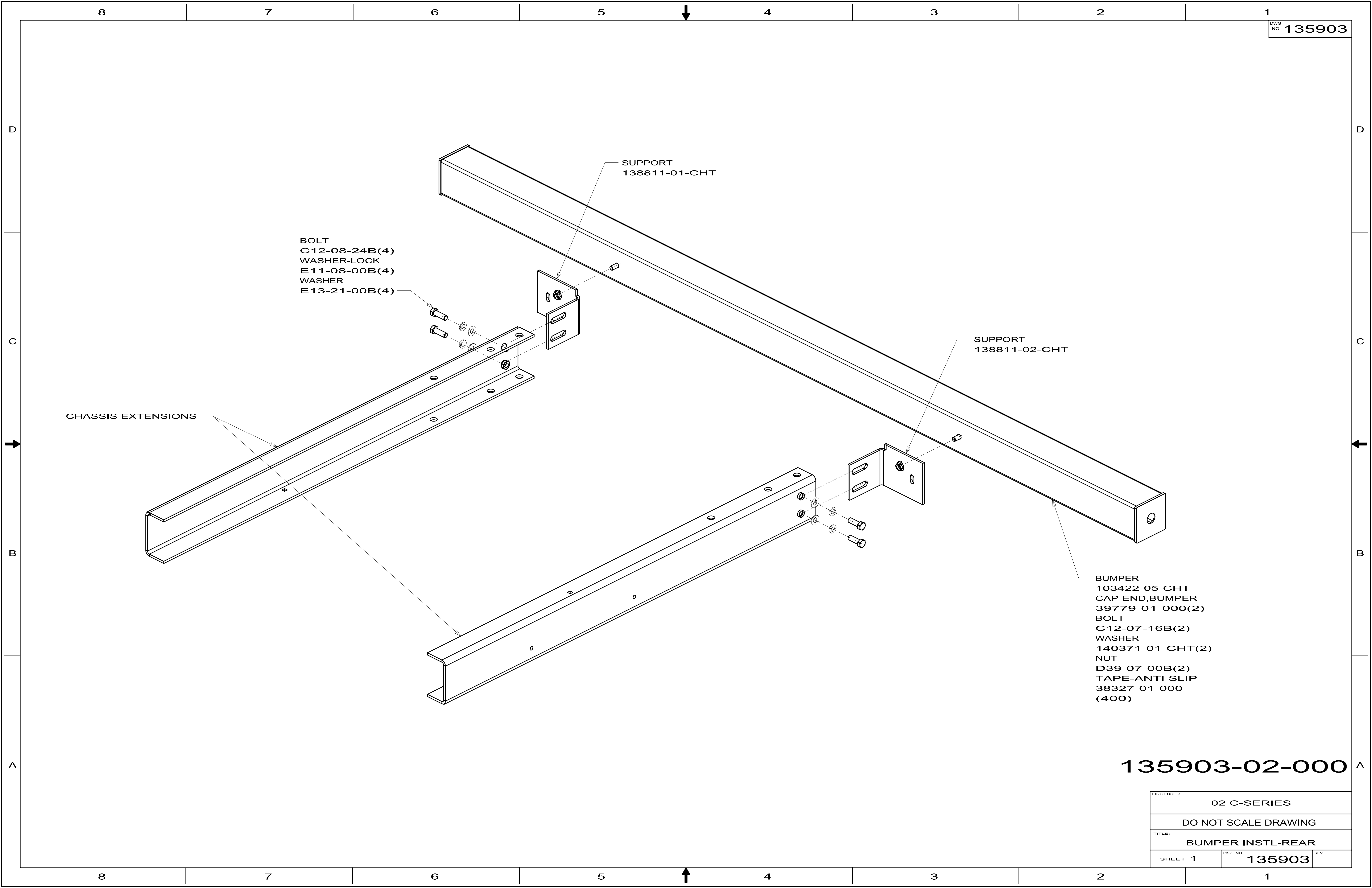
224V
154290-01

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WINNEBAGO
INDUSTRIES, INC.

DFTR	ORIG. DATE
CHKR	ALL DIMENSIONS ARE IN MILLIMETERS
P.E.	
M.E.	
DSNR	FIRST USED
06 MH	
UNSPECIFIED TOLERANCES ARE:	
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: HITCH INSTL	
SHEET 1 OF 4	PART NO 154290
REF:	1

SEE CHART
FOR COLOR VARIATIONS
OF THIS PART

NOTES:



BOLT
C12-08-24B(4)
WASHER-LOCK
E11-08-00B(4)
WASHER
E13-21-00B(4)

SUPPORT
138811-01-CHT

SUPPORT
138811-02-CHT

CHASSIS EXTENSIONS

BUMPER
103422-05-CHT
CAP-END,BUMPER
39779-01-000(2)
BOLT
C12-07-16B(2)
WASHER
140371-01-CHT(2)
NUT
D39-07-00B(2)
TAPE-ANTI SLIP
38327-01-000
(400)

135903-02-000

FIRST USED		
02 C-SERIES		
DO NOT SCALE DRAWING		
TITLE:		
BUMPER INSTL-REAR		
SHEET 1	PART NO 135903	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

224V
156837-05-XXX

TAB-05,PG-06

FIRST USED			07 224V
DO NOT SCALE DRAWING			
TITLE:			SPARE TIRE COMPL
SHEET 5	PART NO	156837	REV

BRACKET ASM-SPARE TIRE
160058-03-02B

SCREW
000G39-10-32D (2)

PLATE-SPARE TIRE
105208-01-000
(OUTSIDE BACKWALL)

NUT
000D29-09-00B (2)

COVER-TIRE
073322-09-S01
UNIVERSAL COVER
073322-50-000

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 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 (2)149749-07 (2)149749-08 (UP TO 06-22-09) (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 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															
FIRST USED 07 MOTORHOMES															
DO NOT SCALE DRAWING															
TITLE: WHEEL INSTL															
SHEET 1		PART NO 159483		REV											
8		7		6		5		4		3		2		1	

SOME PARTS UNIQUE TO CHASSIS MFGR., NO WINNEBAGO P/N

CONTINUED ON NEXT PAGE

*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

LUG WRENCH APPLICATION MATRIX

OTHER APPLICATIONS LISTED FOR
WRENCH FIT REFERENCE

	CHASSIS	LUG WRENCH	LEVERAGE BAR	TORQUE FT/LBS
* NOT USED	CHEVY CUTAWAY G3500 8 BOLT GMT610 8 BOLT	112358-02	---	110-140
* NOT USED	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	---	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	---	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			109443-05-000
	PART NUMBER	U/M DESCRIPTION	VENDOR NO.
	098532-01-700	EA COVER-FAKE LUG NUT (PLASTIC)	SHAU-LNC
	109443-05-700	EA WHEEL COVER - 16"SS EA=1	SHFM16-CVR

KEY	PART NUMBER	U/M	DESCRIPTION	110435-23-000
				VENDOR NO.
	110435-01-711	EA	DECAL-CENTER CAP- 2" - QTY 2	DIAMOND/2 PER BAG
	110435-23-700	EA	COVER/WHEEL - FRONT - 1 ONLY	FL60-59-FWC
	110435-23-701	EA	COVER/WHEEL - REAR - 1 ONLY	RWCFL60-59