



IOWA MOLD TOOLING CO., INC.

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Manual # 99904655

Dominator Contractor Series Manual Supplement

Revised 02-27-2018

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Introduction

Section - 1

Introduction

GENERAL

This manual is a supplement which includes systems information for fluid and air systems used with the Dominator DSC20 body, manual part number, 99904090. Although the DSC20 manual includes body and compartment parts and options, this manual primarily includes systems, pumps, and lighting information for assemblies used for the contractor market.

For equipment such as cranes, compressors, and winches, refer to the appropriate service manual.

BODY IDENTIFICATION

Every IMT body has an identification placard. This placard is attached in the upper left hand corner of the left vertical 1 compartment.

When ordering parts, communicating warranty information, or referring to the unit in correspondence, always include the serial number and model numbers. Address all inquiries to your authorized IMT distributor or to:

IOWA MOLD TOOLING CO., INC.
Box 189, Garner, IA 50438-0189
Telephone: 641-923-0189
Technical Support Fax: 641-923-2424

IOWA MOLD TOOLING CO., INC. BOX 189, GARNER, IA 50438-0189	
MODEL NUMBER	
SERIAL NUMBER	
MFG DATE	
70029119	

PARTS IDENTIFICATION

To insure proper replacement parts are received, specify the complete number/letter sequence for any part requested. The parts sections of this manual can assist you in determining the correct part number.

ORDERING REPAIR PARTS

When ordering replacement parts:

1. Give the model number of the unit.
2. Give the serial number of the unit.
3. Specify the complete part number. When ordering cylinder parts, or one of the main weldments, always give the stamped part number.
4. Give a complete description of the part.
5. Specify the quantity required.
6. Fill in your serial number to assist in future replacement parts ordering

SERIAL NUMBER:

--

Parts

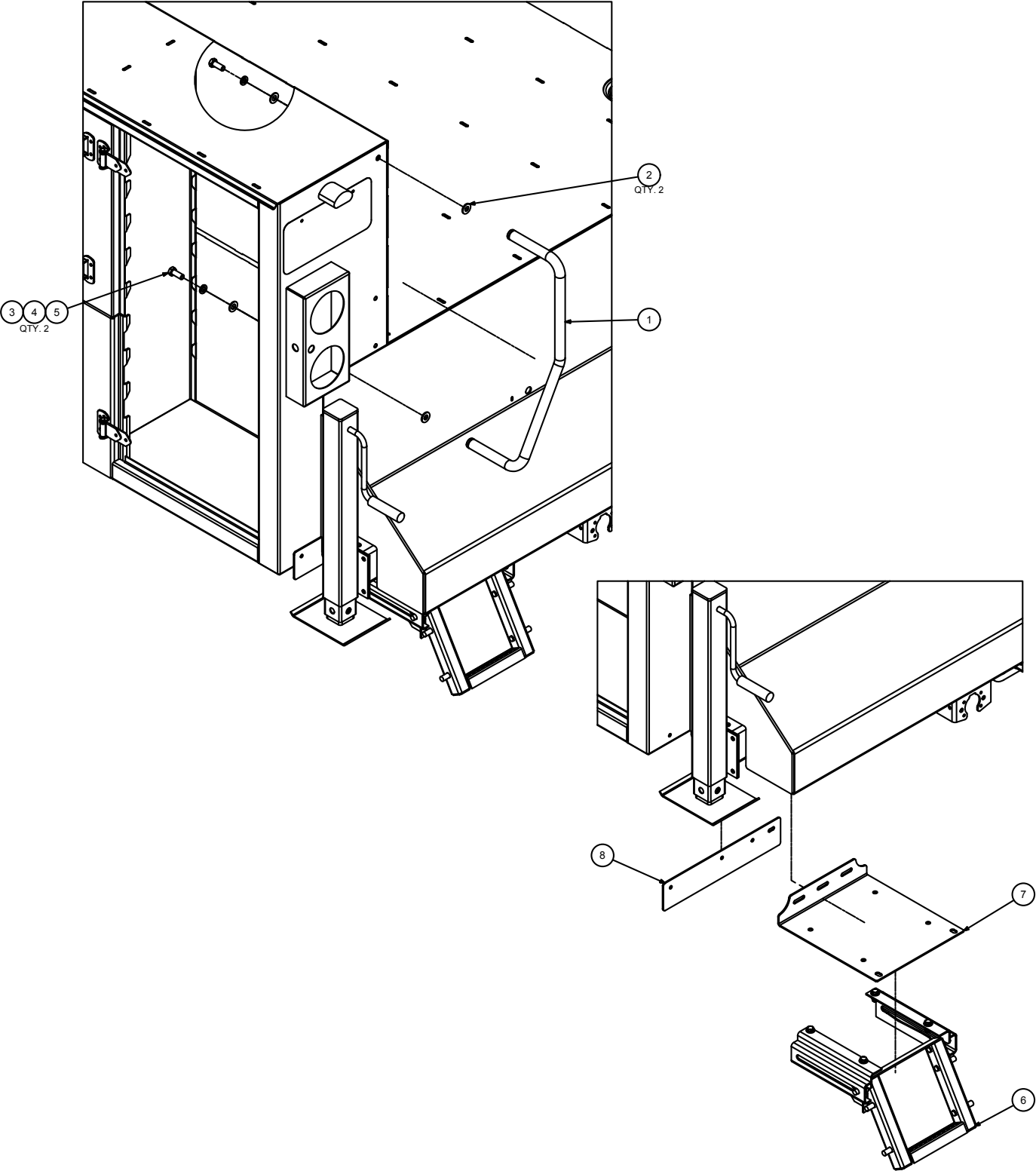
Section - 2

DCS - Recommended Spare Parts

PART NO.	DESCRIPTION
SHELVING (RIGHT REAR FOR CONTRACTOR SERIES ONLY)	
51720143	SHELF KIT 1.50 RR
AIR SYSTEM	
70734569	AIR COMPRESSOR (INGERSOLL RAND)
51719866	FILTER-LUBRICATOR-REGULATOR (FOR 1/2" HOSE REEL)
70733526	HOSE REEL-AIR 3/8" x 35'
72532021	QUICK DISCONNECT COUPLER
72532038	QUICK DISCONNECT NIPPLE
70734581	AIR COMPRESSOR (MI-T-M)
51719866	FILTER-LUBRICATOR-REGULATOR (FOR 1/2" HOSE REEL)
70733526	HOSE REEL-AIR 3/8" x 35'
72532021	QUICK DISCONNECT COUPLER
72532038	QUICK DISCONNECT NIPPLE
	REPLACEMENT AIR FILTER
OIL SYSTEM	
52719761	2 SECTION TANK (26G OIL / 26G OIL)
52722116	TANK- 25 GA. LUBE 32H
70732184	OIL FILL NECK ASSEMBLY W/CAP
70733533	OIL PUMP (AIR OPERATED)
	(73734196 REPAIR KIT FOR 70733533)
70733524	REEL-OIL .38 X 30'
73052119	OIL NOZZLE W/METER
70143289	OIL NOZZLE NON-METERED
FUEL SYSTEM	
52722116	TANK- 25 GAL LUBE 32H
70732184	OIL FILL NECK ASSEMBLY W/CAP
51721588	PUMP ASSEMBLY - .75" AIR DIAPHRAGM
70732777	SALV REEL .75 X 35'
51712746	NOZZLE-FUEL 1" DIESEL W/SWIVEL
ANTIFREEZE / WATER SYSTEM	
52722117	TANK- 25 GAL LUBE 32H STAINLESS STEEL
70732184	OIL FILL NECK ASSEMBLY W/CAP
51721588	PUMP ASSEMBLY - .75" AIR DIAPHRAGM
70733524	REEL-OIL .38 X 30'
70143289	OIL NOZZLE NON-METERED
GREASE SYSTEM	
70733534	GREASE PUMP PACKAGE
	(73734196 REPAIR KIT FOR OIL PUMP 73734201)
70733570	GREASE SWIVEL
70733525	GREASE REEL .38 X 25'

OXYGEN / ACETYLENE SYSTEM	
70733522	OXY/ACT REEL
70733539	OXY/ACT TORCH KIT
51716581	OXY/ACT TWIN HOSE (6' LONG)
SALVAGE SYSTEM	
51716551	PUMP ASM-SALVAGE .50" AIR DIAPHRAGM
51721588	PUMP ASM ANTI / FREEZE .75" AIR DIAPHRAGM
70733523	SALV REEL .75 X 25'
70732777	SALV REEL .75 X 35'
70732184	OIL FILL NECK ASSEMBLY W/CAP
WELDER SYSTEM	
70733540	WELDER LEADS
ELECTRICAL OPTIONS	
70734454	STARTER PAK-LNB LIGHTNING IN A BOX- 35ft
77441316	AMBER STROBE LIGHT BAR
77441295	BACKUP SENSOR SYSTEM W-ALARM
51719520	JUMP START BOOSTER PLUG-FRONT BUMPER
51722370	JUMP START BOOSTER PLUG-REAR OF BODY
51721137	BOOSTER CABLES-15ft
51719384	BOOSTER CABLES-50ft
MISCELLANEOUS	
70733536	WISE-COMBINATION 41/2"
51710607	KIT-FIRE EXTINGUISHER 20#

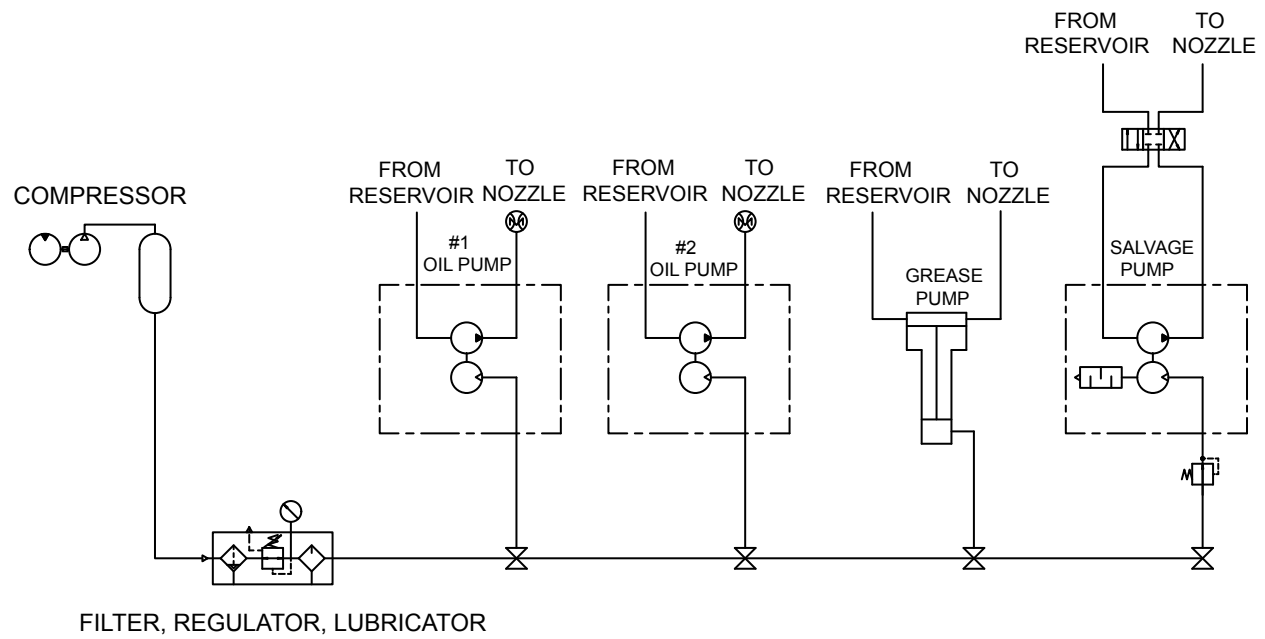
DCS - 3-Point Access (99906163)



99906163 PARTS LIST

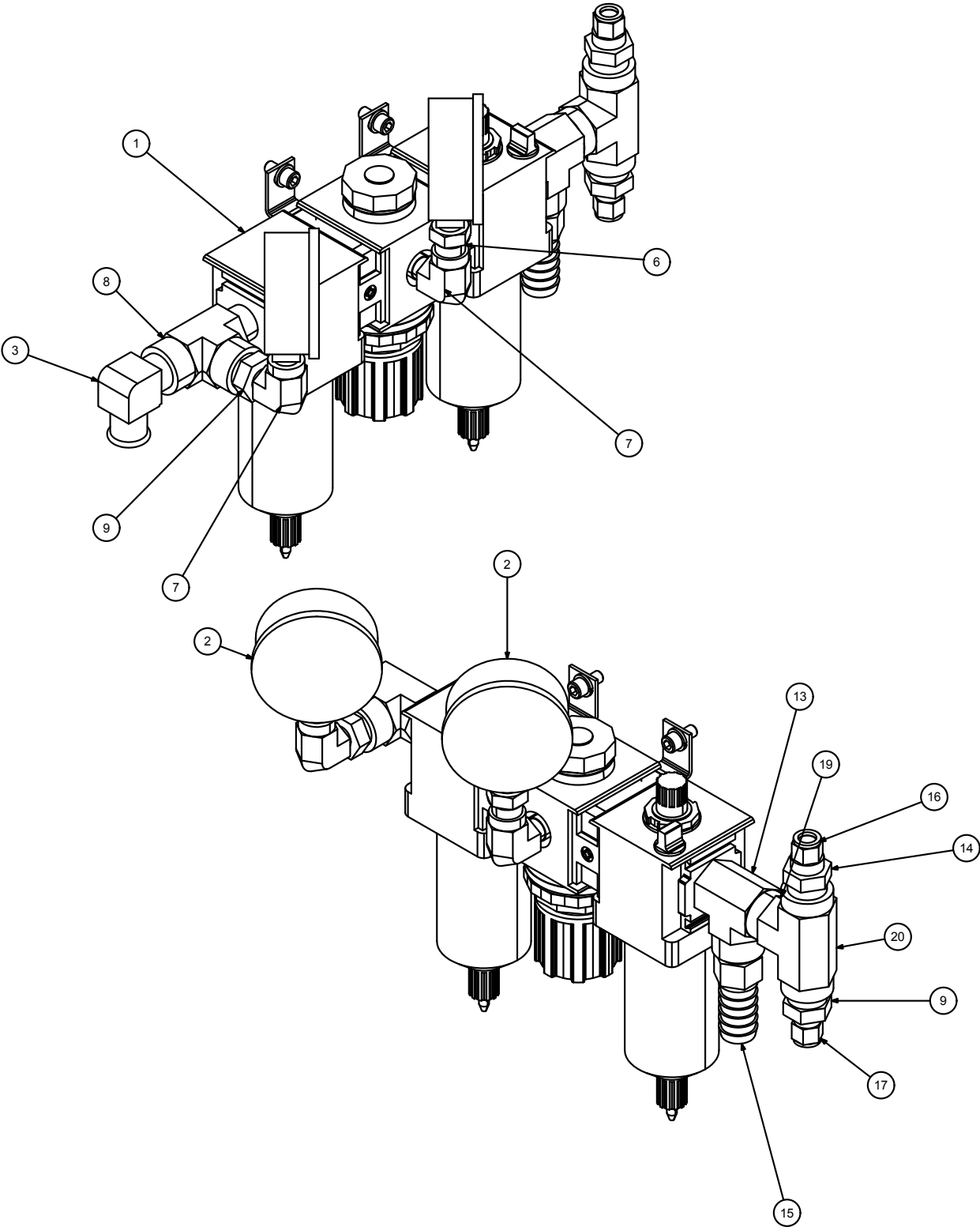
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52727090	WLDMT-GRAB HANDLE 3-POINT ACCESS	1
2.	72063322	WASHER-FLAT .50 X .08 X 1.06 BLK NEOPREN	2
3.	72063005	WASHER .50 FLAT	2
4.	72063053	WASHER .50 LOCK	2
5.	72060092	CAP SCR .50-13X 1.25 HH GR5 Z	2
6.	51726580	DS3 -LADDER ASSEMBLY-10 DOM 1	1
7.	60141620	BRKT - DSC SLIDE OUT STEP	1
8.	60134206	BRACKET-MUD FLAP EDSC10 DSC10	1
REV. INITIAL RELEASE			

DSC - System Schematic, Air / Lube System (99903268)



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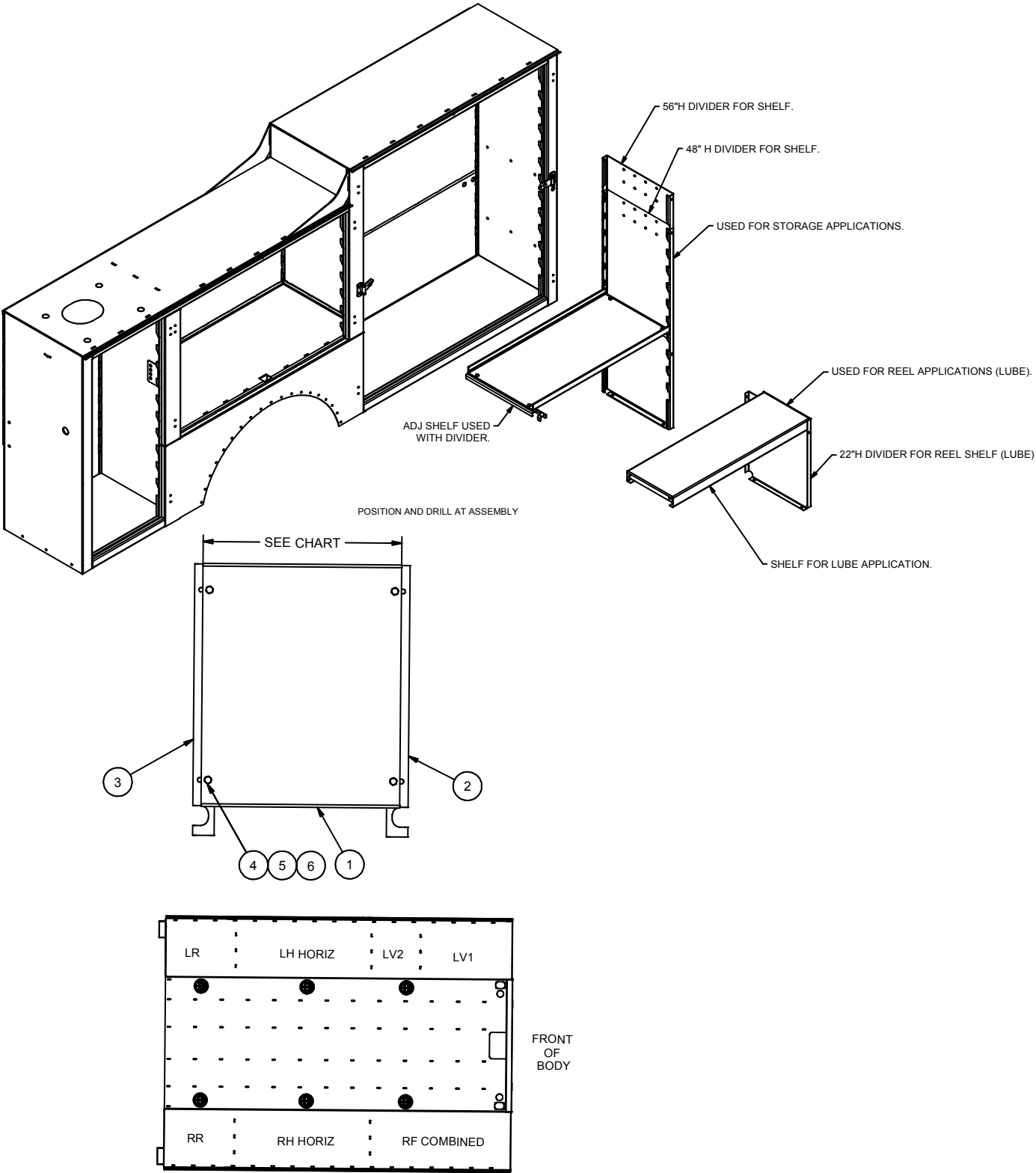
DCS - Moisture Separator / Regulator / Oiler Assembly (51719866)



51719866 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	70073310	MOISTURE SEP-REG-DOM (MODULAR)	1
2.	70048205	GAUGE-PRESS AIR 300 (6001-2.5)	2
3.	72533592	NIPPLE-BARB BRS .50MPT/90/.75	1
5.	72063049	WASHER .25 LOCK	4
6.	72533588	REDUCER BUSH-BRS .38- .25	1
7.	72532974	ELBOW-STREET BRS .25 X 90 SHORT	2
8.	72533587	TEE-BRS RUN .50	1
9.	72531812	REDUCER BUSH-BRS .50- .25	2
13.	72531991	TEE-STREET STL .50	1
14.	72531829	REDUCER BUSH-STL .50- .38	1
15.	72531547	NIPPLE-BRS BARB .50MPT .75	1
16.	72533699	PUSH LOC- FTG .38 DOT X .38 MPT	1
17.	72533689	HOSE FTG PUSH LOC SWIVEL MPT .25 .25 STL	1
19.	72053725	ADPTR-MPT/HEX/MPT .50 .50	1
20.	72053612	TEE-STL .50	1
21.	72060703	CAP SCR .25-20 .50 SH PLAIN	4
REV. B			

DCS - Shelf Installation (99906228)

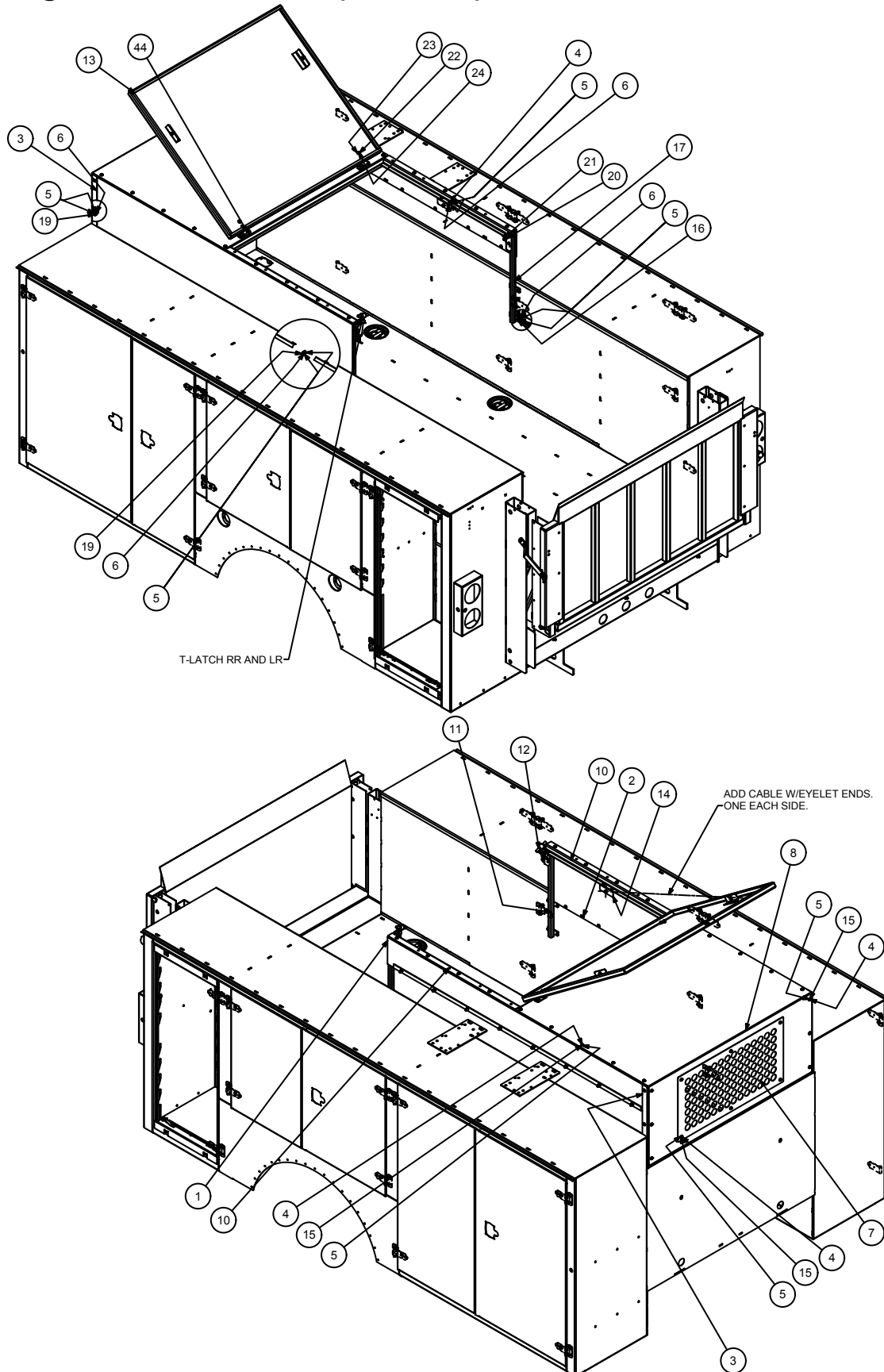


99906228 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	SEE CHART	SHELF	1
2.	SEE CHART	SHELF END	1
3.	SEE CHART	SHELF END	1
4.	72062109	NUT .31-18 HEX NYLOCK	4
5.	72060023	CAP SCR .31-18X .75 HH GR5 Z	4
6.	72063002	WASHER .31 FLAT	4
REV. INITIAL RELEASE			

COMP. LOCATION	ITEM #3 SHELF END	ITEM #1 SHELF END	ITEM #2 SHELF END	SHELF DEPTH	SHELF WIDTH	60136860 SHELF DIV.	SHELF KIT NUMBER
LT. VERT. #1	60136436	60136447	60139821	18.38	33.62		51723712
	60136436	60136450	60139821	18.38	33.62	6 INCLUDE	51723713
LT. VERT. #2	60136439	60137424	60136441	18.38	17.5		51723988
	60136439	60137425	60136441	18.38	17.5	4 INCLUDE	51723989
LT. HORZ 11'	60136438	60136445	60136441	18.38	49.75		51723716
	60136438	60136448	60136441	18.38	49.75	10 INCLUD	51723717
LEFT REAR	60136438	60136444	60136440	18.38	25.75		51723718
	60136438	60136443	60136440	18.38	25.75	5 INCLUDE	51723719
RT. FRT. COMBO	N/A	N/A	N/A				
	N/A	N/A	N/A				
RT. HORZ. 11'	60136439	60136445	60136437	18.38	49.75		51723740
	60136439	60136448	60136437	18.38	49.75	10 INCLUD	51723741
RT. REAR	60136436	60144958	60136437	18.38	25.75		51726532
RT RR W/HYD	60144809	60145024	60145025	17.38	25.75		51727202
DIVIDER PNL.	ITEM #3 SHELF END	ITEM #1 SHELF END	ITEM #2 SHELF END	SIDEPACK	SHELF WIDTH	SHELF DIV.	SHELF KIT NUMBER
48" TALL DIVIDER PANEL 51721550	60139822	60139596	60136862		37.75		51726586
	60139822	60136904	60136862		37.38	10 INCLUD	51726587
56" TALL DIVIDER PANEL 51720127	60139822	60139596	60136862		37.75		51726586
	60139822	60136904	60136862		37.38	10 INCLUD	51726587
22" DIVIDER- REEL SHELF			60135693				
REEL SHELF LUBE		60137942			19.00		
		60133974			30.00		
		60134556			38.00		
		60141573			53.25		

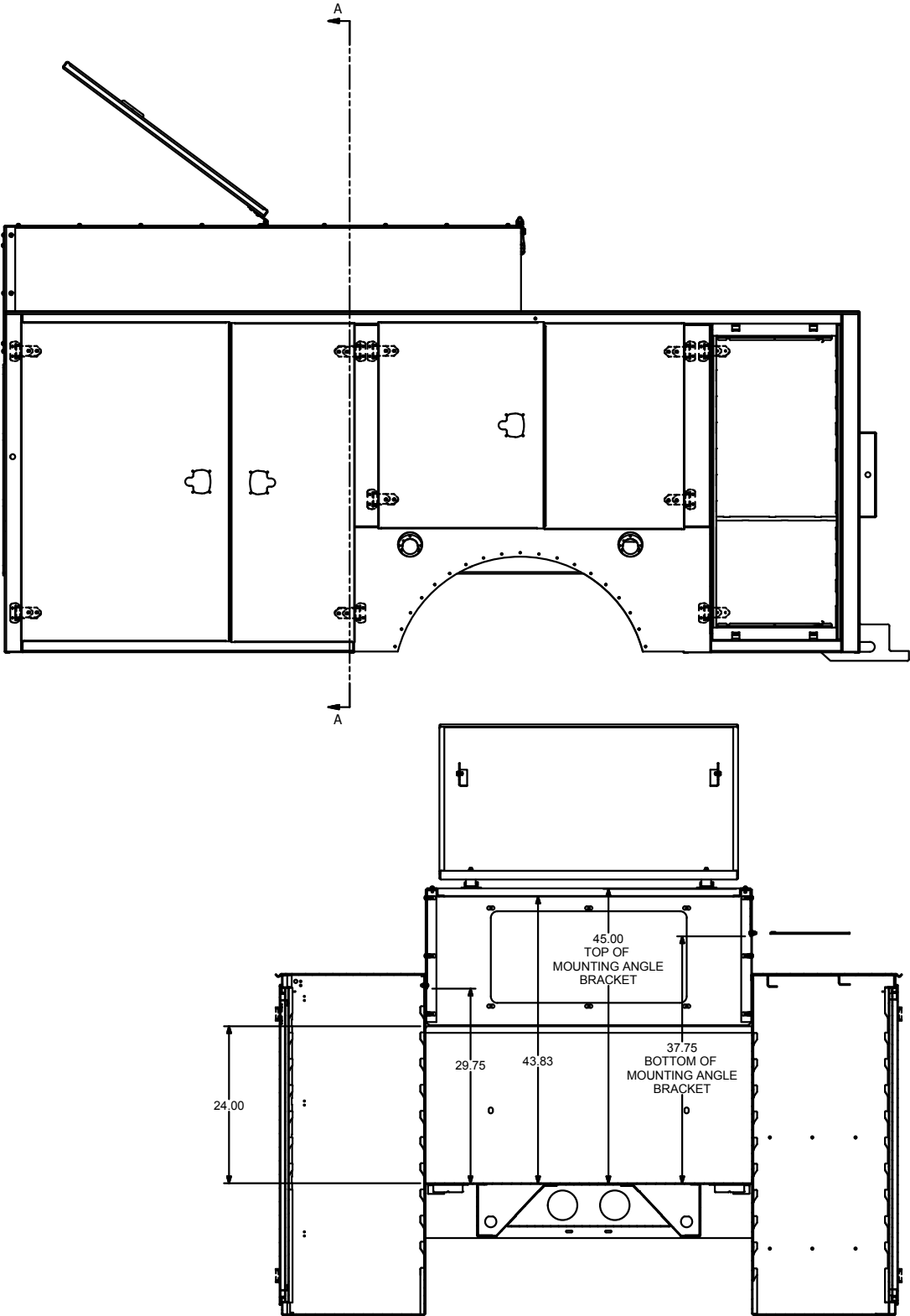
DCS - Hinged Load Bed Cover (99905169)



99905169 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52723254	MTG BRACKET-DOMCS CARGO COVER RH	1
2.	52723255	MTG BRACKET-DOMCS CARGO COVER LH	1
3.	52723256	ANGLE-W DOMCS CARGO COVER FRT CORNER	2
4.	72601410	SCR-MACH .25-20X .75 BTNHD ZC	37
5.	72063001	WASHER .25 FLAT	103
6.	72062104	NUT .25-20 HEX NYLOCK	36
7.	60137348	COVER-DOMCS CARGO COVER FRT ACCESS	1
8.	52723257	COVER-WLDMT DOMCS CARGO COVER FRONT FIXED	1
9.	72661383	HINGE-SS 10GA BUTT W/IMT LOGO OFFSET	2
10.	60137349	Z-DOMCS CARGO COVER SIDE JAMB	2
11.	52723258	POST-DOMCS CARGO COVER REAR LR	1
12.	70039108	LATCH-RUBBER T-HANDLE	2
13.	52723259	LID-WLDMT DOMCS CARGO COVER	1
14.	60137352	ANGLE-DOMCS CARGO COVER CABLE STOP	2
15.	72063049	WASHER .25 LOCK	30
16.	72060004	CAP SCR .25-20X 1.00 HH GR5 Z	4
17.	52723261	POST-DOMCS CARGO COVER REAR RR	1
18.	72060002	CAP SCR .25-20X .75 HH GR5 Z	4
19.	72601509	SCR-MACH .25-20X 1.00 BTNHD ZC	22
20.	72060634	SCR-MACH 10-24X .50 RDH	8
21.	72062106	NUT 10-24 HEX NYLOCK	8
22.	72062194	NUT-SS .25-20 NYLOC	8
23.	72063166	WASHER-FLAT .25 R WRT 18-8 .62OD SS	8
24.	72601652	SCR-MACH .25-20X .75TRHTORXSS	8
25.	72661700	CABLE-PLASTIC COATED .19 X 45INL W/EYES	2
REV. INITIAL RELEASE			

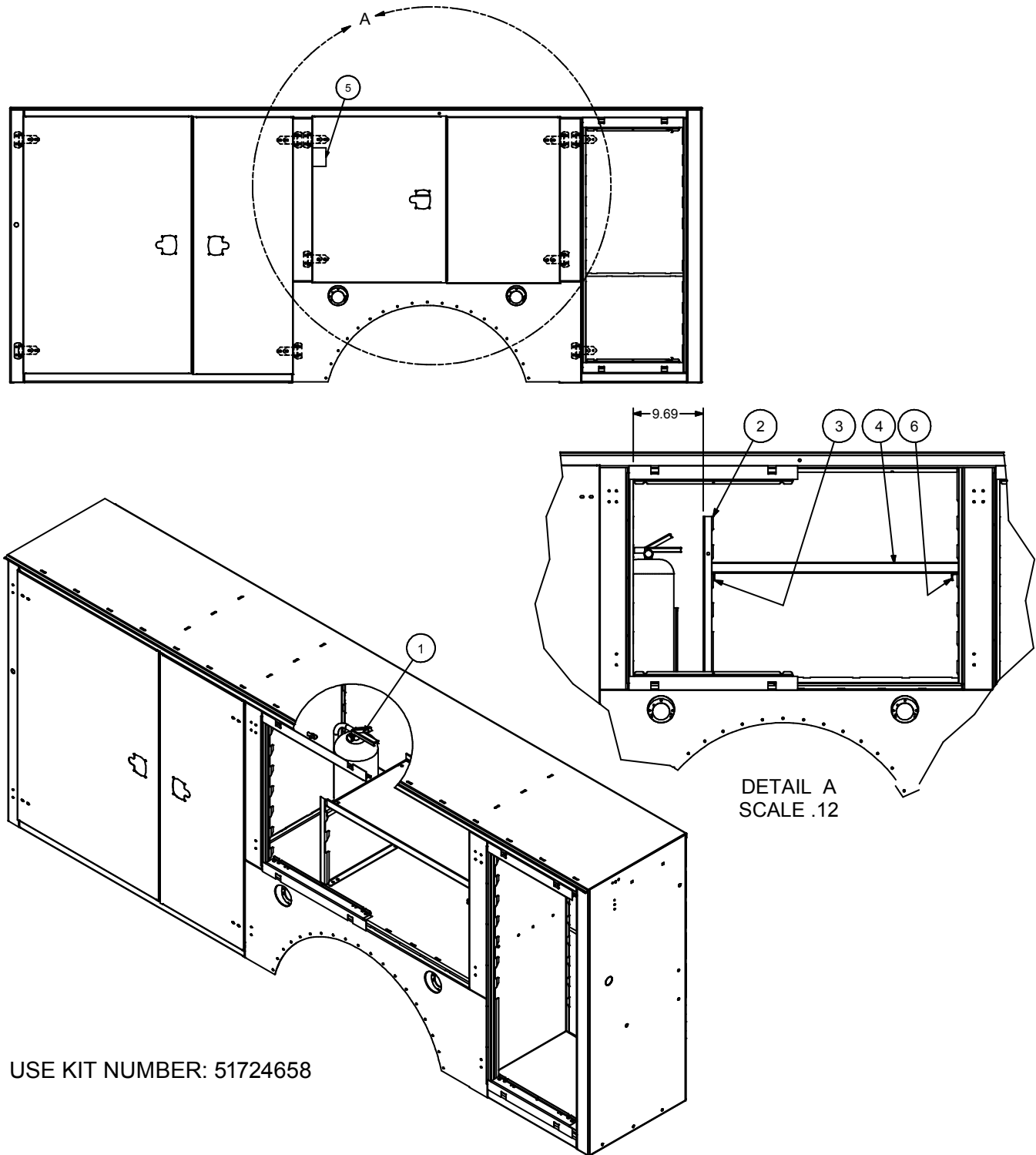
99905169-1, HINGED LOAD BED COVER, CONTINUED



SECTION A-A
SCALE .12

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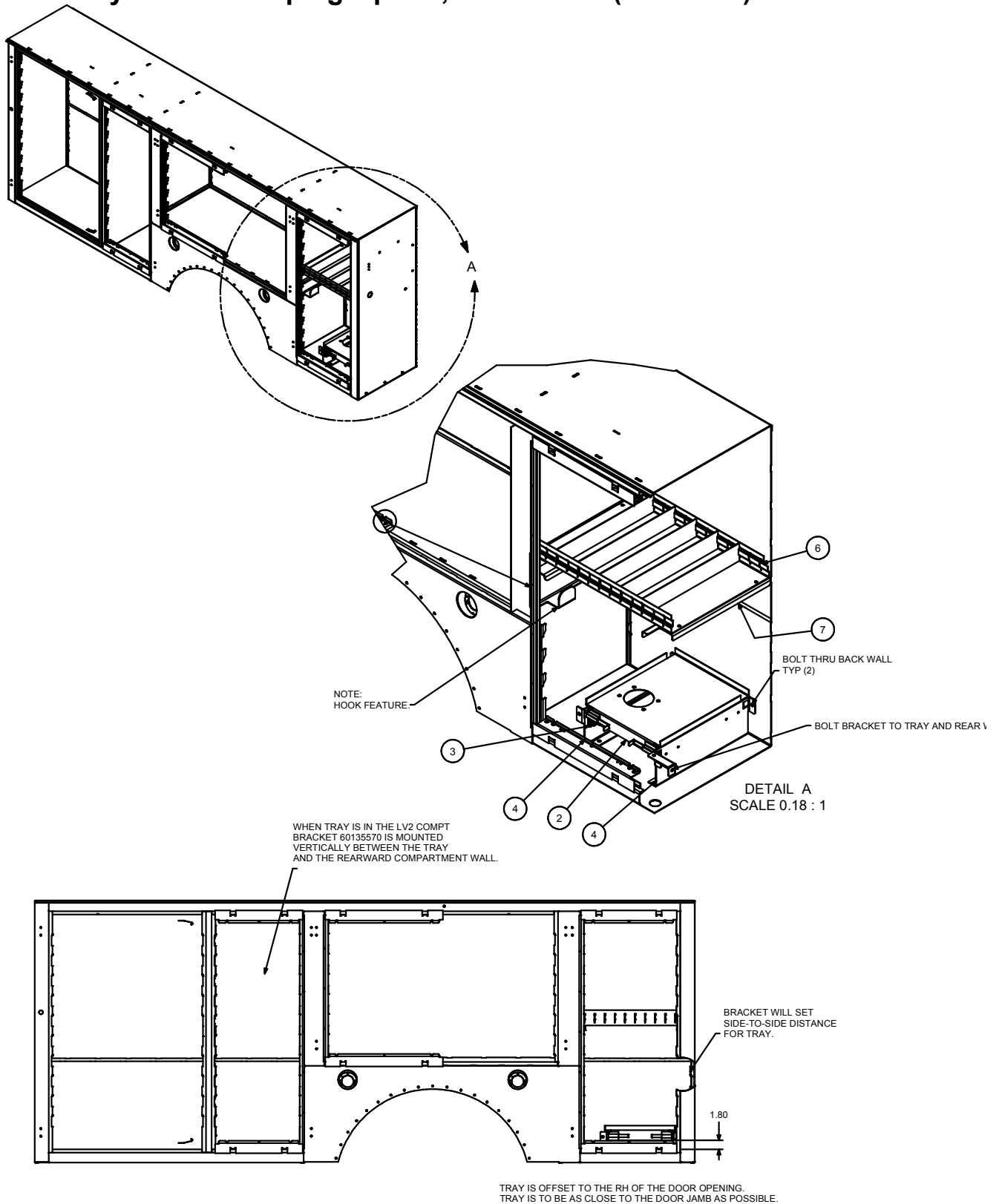
DCS - Installation, LH Divider with Shelf (99905256)



99905256 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	51710607	KIT-FIRE EXTINGUISHER 20#	1
2.	60137893	DCS-PANEL DOM BOLT IN DIV 19.5D HORIZ	1
3.	60136863	DCS -SHELF END 1.50" X 19.06" FOR DIVIDER PANEL	1
4.	60139663	DCS -SHELF 1.5" 17.50 X 34.75	1
5.	70398985	DECAL-FIRE EXTINGUISHER	A/R
6.	60136441	DCS -SHELF END 1.63" REAR	1
REV. A			

DCS - Hydraulic Crimping Option, Low Profile (99905019)



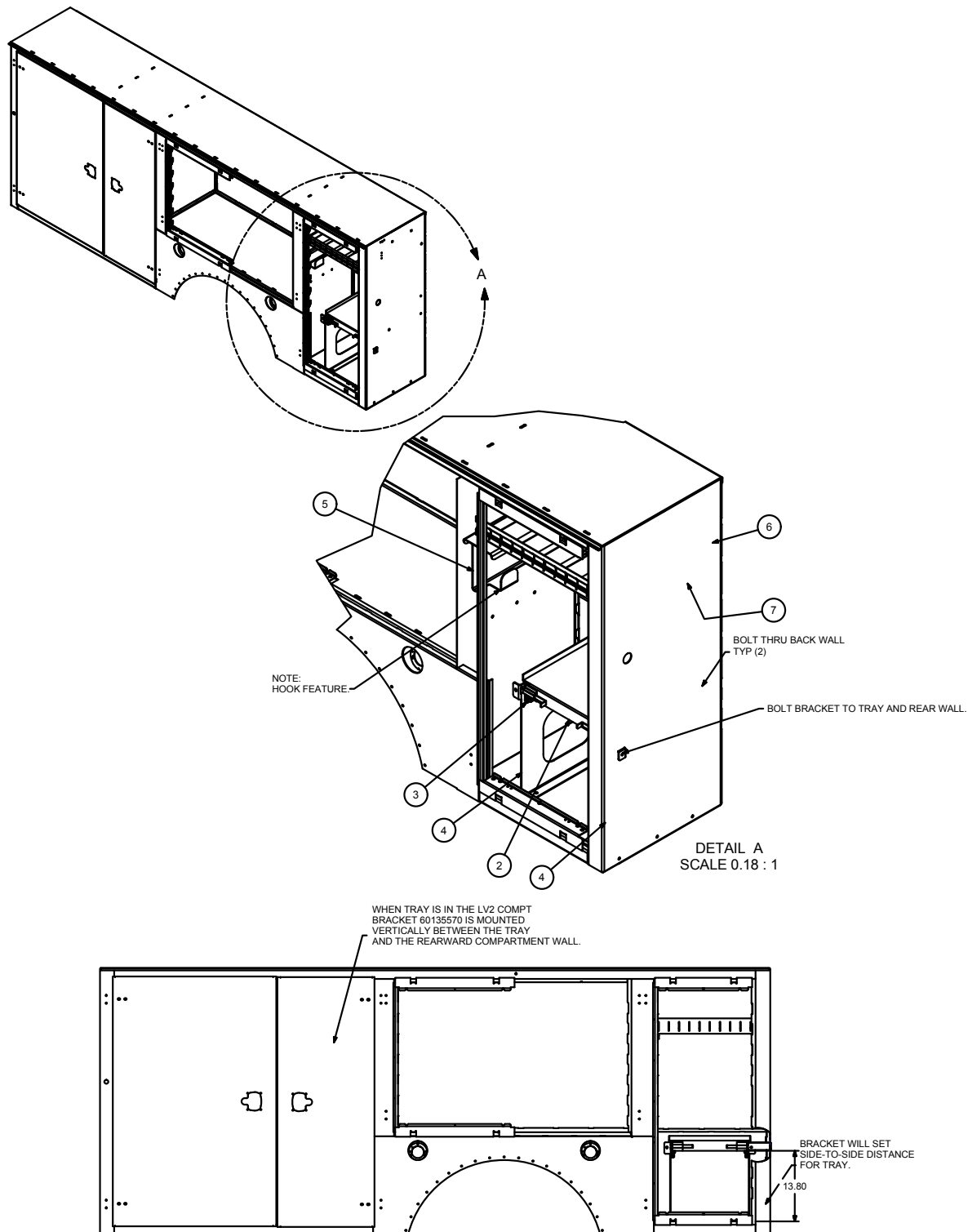
Use kit number: **51723607**

99905019 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	99904635	SDPK-DOMCS(II) D1-11 LH 52H	1
2.	52723606	PANEL-TRAY 16.75X 13.75W	1
3.	70731440	DRAWER SLIDE-16IN LG (3.00IN H)	2
4.	60136247	MTG BRKT-ROLLOUT TRAY 6.00L TALL	2
5.	60143495	D(III)-SHELF END 5.25" W-HOSE HOOKS	1
6.	60136443	DCS -SHELF 3" W/DIV 26.00	1
7.	60136440	DCS -SHELF END 3.44" RF & LR	1
8.	60136860	DCS -DIVIDER-DRAWER ALUM 2.88 X 18.125	5
9.	60135570	BRACKET-CRIMPING TRAY	1
REV. C			

NOTE: The pump will rest on the rollout tray which will allow for the hose being crimped to be inserted from under the tray and into the crimping tool at the top of the side pack compt. There will be a 3" H divided shelf for crimping dies. This shelf is installed on the second shelf tab from the top of the compartment. The divided shelf ends will supply two hooks for customer hoses.

DCS - Hydraulic Crimping Option (99904692)



Use kit number: 51723228

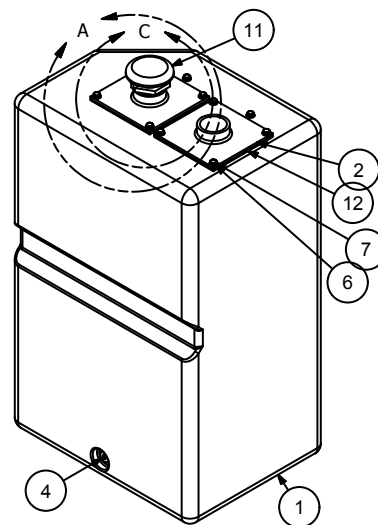
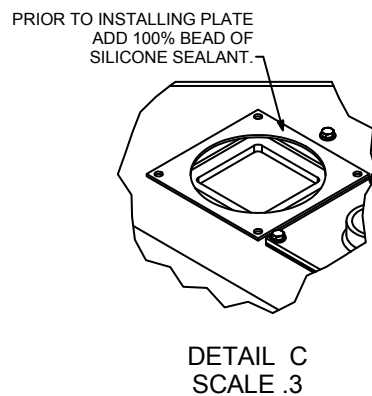
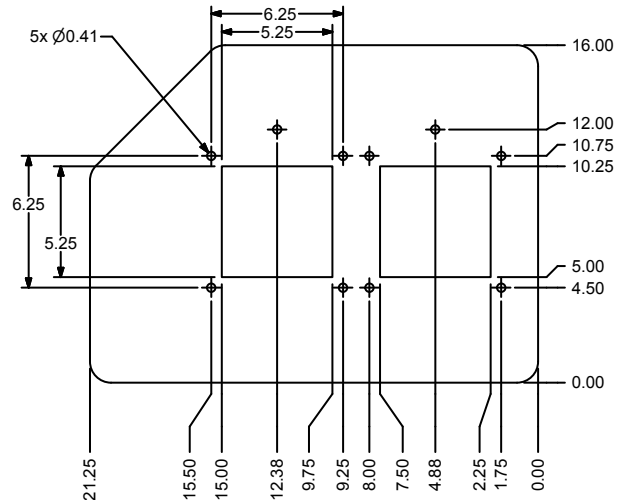
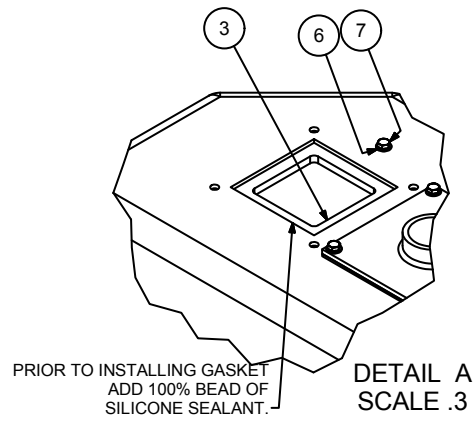
99904692 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	99904635	SDPK-DOMCS D1-11 LH 52H	1
2.	52713999	PANEL-TRAY 16.75X 15.75W	1
3.	70731440	DRAWER SLIDE-16in LG (3.00in H)	2
4.	60134552	MTG BRKT-ROLLOUT TRAY 17.75L TALL	2
5.	60134553	DCS-SHELF END 5.25" W-HOSE HOOKS	1
6.	60126409	DCS-SHELF 3" W/DIV 26.00	1
7.	60126697	DCS-SHELF END 3.44" RV1 FRT	1
8.	60251115	DCS-DIVIDER-DRAWER ALUM 2.88 X 18.75	5
9.	60135570	BRACKET-CRIMPING TRAY	1

REV. A

NOTE: The pump will rest on the floor of the compartment. The rollout tray is used to create a work surface and is to travel over the pump at the top of the sidepack compartment. There will be a 3" H divided shelf for crimping dies. This shelf is to be installed high in the compartment. Supply 14" minimum between the bottom of the rollout tray and the floor of the compartment. The rollout tray must travel over the customer's hydraulic crimping tool pump. One of the divided shelf ends will supply two hooks for customer hoses.

DCS - Lube Fill Modification, 45-Gallon Poly Tank (99905162)



OIL TANK CONFIGURATION (51724019)

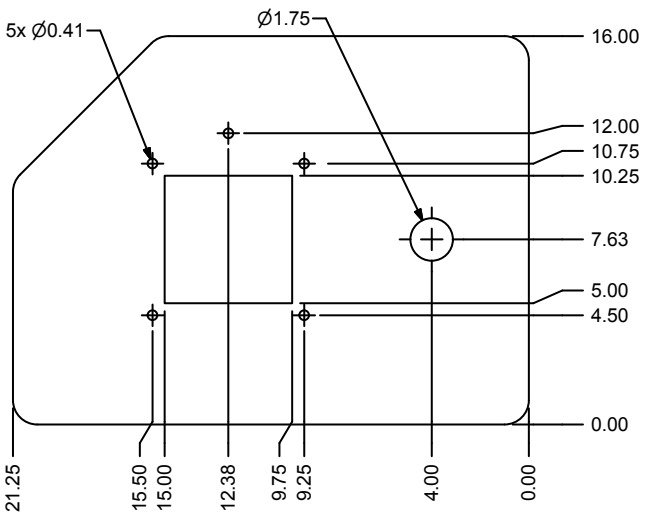
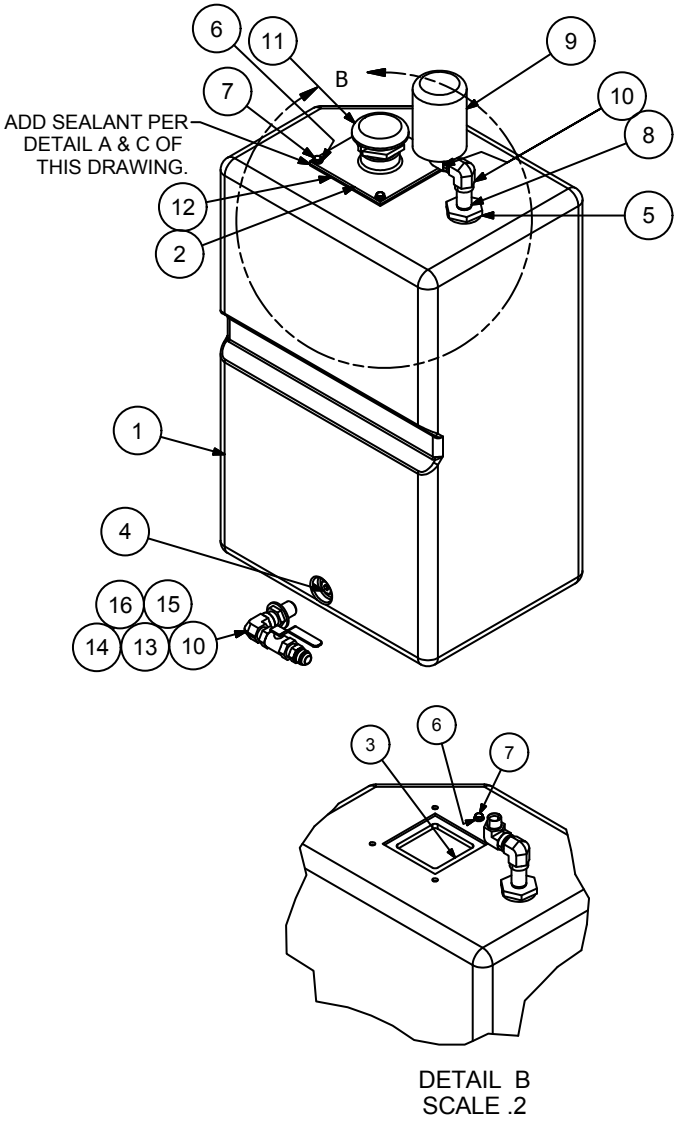
99905162 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	70034461	TANK-WATER 45 GAL PLASTIC PRED FRESH	1
2.	52709490	MTG PLT-LUBE PUMP LINC 485 2.00IN COUPL	2
3.	60137331	MTG PLT-LUBE PUMP W/POLY TANK	2
4.	72532662	PLUG-PIPE SOC HEX STL .75	1
6.	72063002	WASHER .31 FLAT	10
7.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	10
8.	72533514	ADPTR-BREATHER FILTER OIL TANK	1
11.	70732184	FILL NECK ASM-VENTED CAP 2IN 50	1
12.	76392369	GASKET-LUBE TANK .12 THK 7X7	2
REV. A			

NOTES:

1. Prior to installing gasket, add bead of 100% silicone sealant.
2. Prior to installing plate, add bead of 100% silicone sealant.

99905162-1, LUBE FILL MODIFICATION, CONTINUED

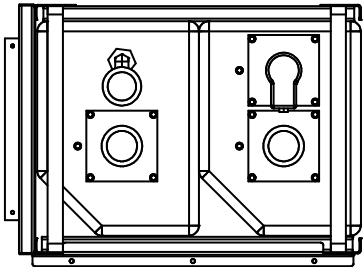


SALVAGE OR ANTIFREEZE TANK CONFIGURATION (51724020)

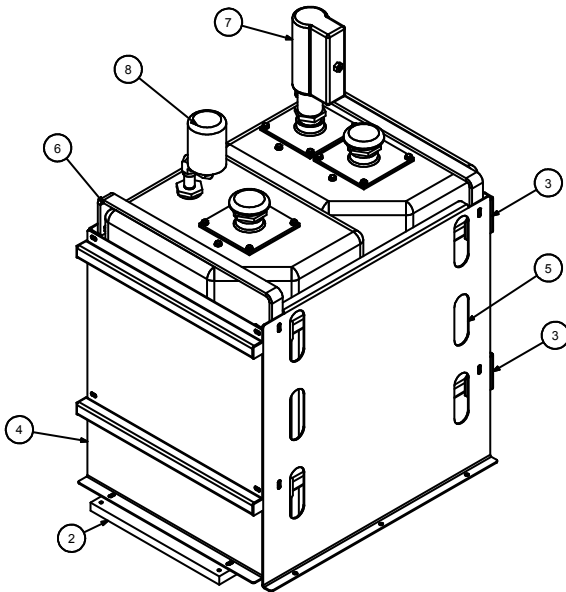
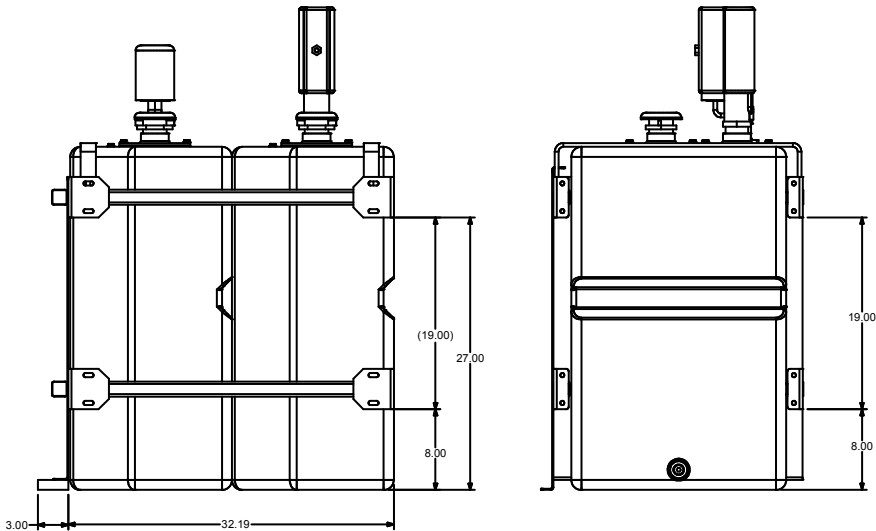
99905162-1 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	70034461	TANK-WATER 45 GAL PLASTIC PRED FRESH	1
2.	52709490	MTG PLT-LUBE PUMP LINC 485 2.00IN COUPL	2
3.	60137331	MTG PLT-LUBE PUMP W/POLY TANK	2
4.	72532662	PLUG-PIPE SOC HEX STL .75	1
5.	72534432	UNION-BULKHEAD PVC .75 NPT W-GASKET	1
6.	72063002	WASHER .31 FLAT	10
7.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	10
8.	72533514	ADPTR-BREATHER FILTER OIL TANK	1
9.	73054974	FILTER-BREATHER OIL RESERVOIR	1
10.	72053556	ELBOW-STREET STL .75 X 90 DEG	3
11.	70732184	FILL NECK ASM-VENTED CAP 2IN 50	1
12.	76392369	GASKET-LUBE TANK .12 THK 7X7	2
13.	73054230	VALVE-BALL .75	1
14.	72053676	ADPTR-MPT/M JIC .75 12	1
15.	72533371	UNION-BULKHEAD JIC 12 (1 1/16-12)	1
16.	72063066	WASHER 1.00 FLAT HI STR	1
REV. A			

DCS - Poly Tank Fence (99905442)



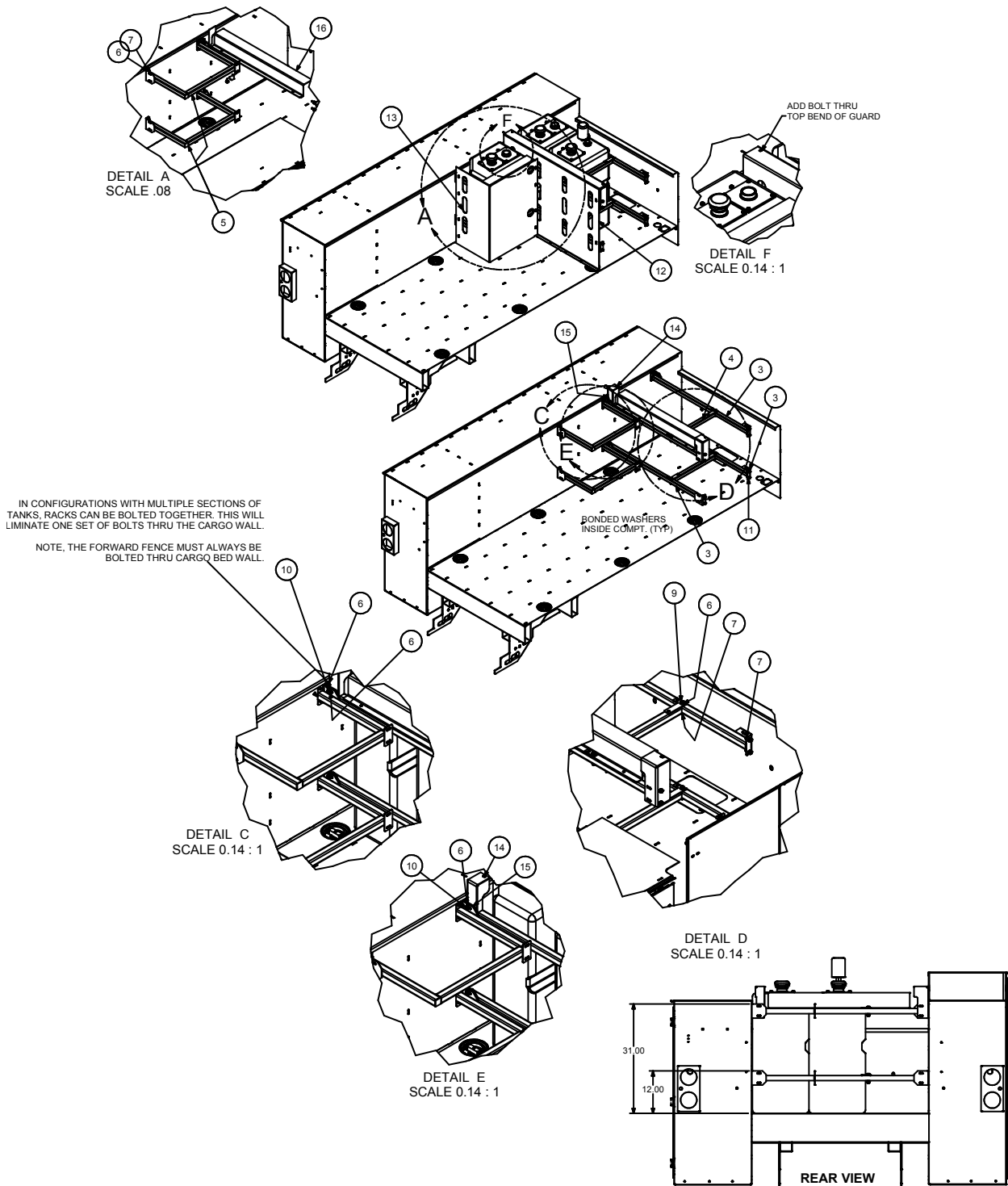
Poly Fence Kit: 51725073



99905442 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	51724019	TANK-ASM 45 GAL POLY DOMCS OIL	A/R
2.	60140762	BAR-POLY TANK MOUNT DOMCS	1
3.	52723402	FENCE-DOMCS WITH POLY TANK CROSS CARGO BED	4
4.	52723403	FENCE-DOMCS WITH POLY TANK END LOCK	1
5.	60251479	GUARD-POLY TANK DOMCS DUAL	1
6.	60137960	BAR-HOLD DOWN POLY TANK DOMCS	2
7.	70733533	PUMP-OIL ARO 5:1 AIR	A/R
8.	51724020	TANK-ASM 45 GAL POLY DOMCS SALV	A/R
REV. INITIAL RELEASE			

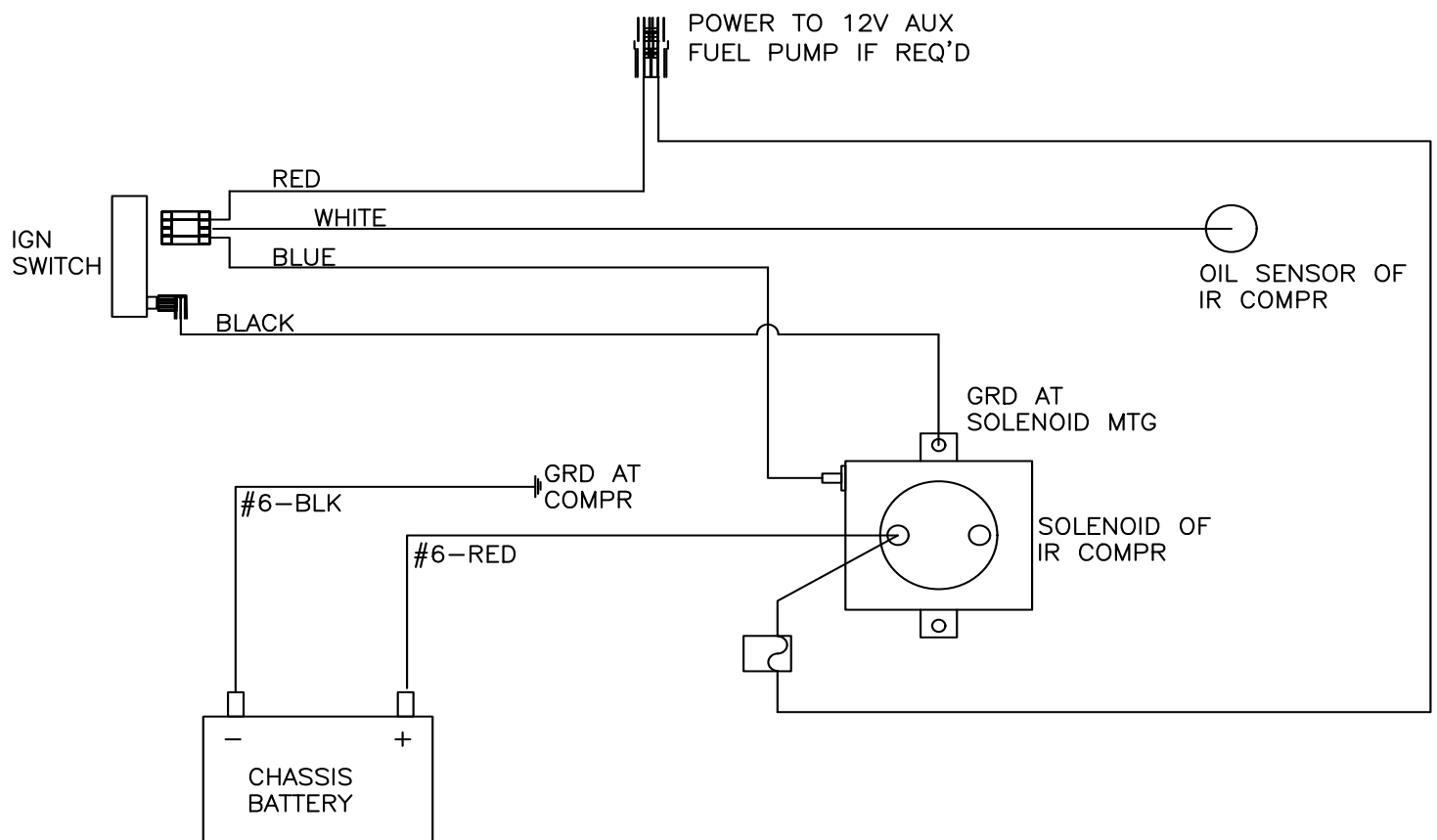
DCS - Poly Tank (99905177)



99905177 PARTS LIST

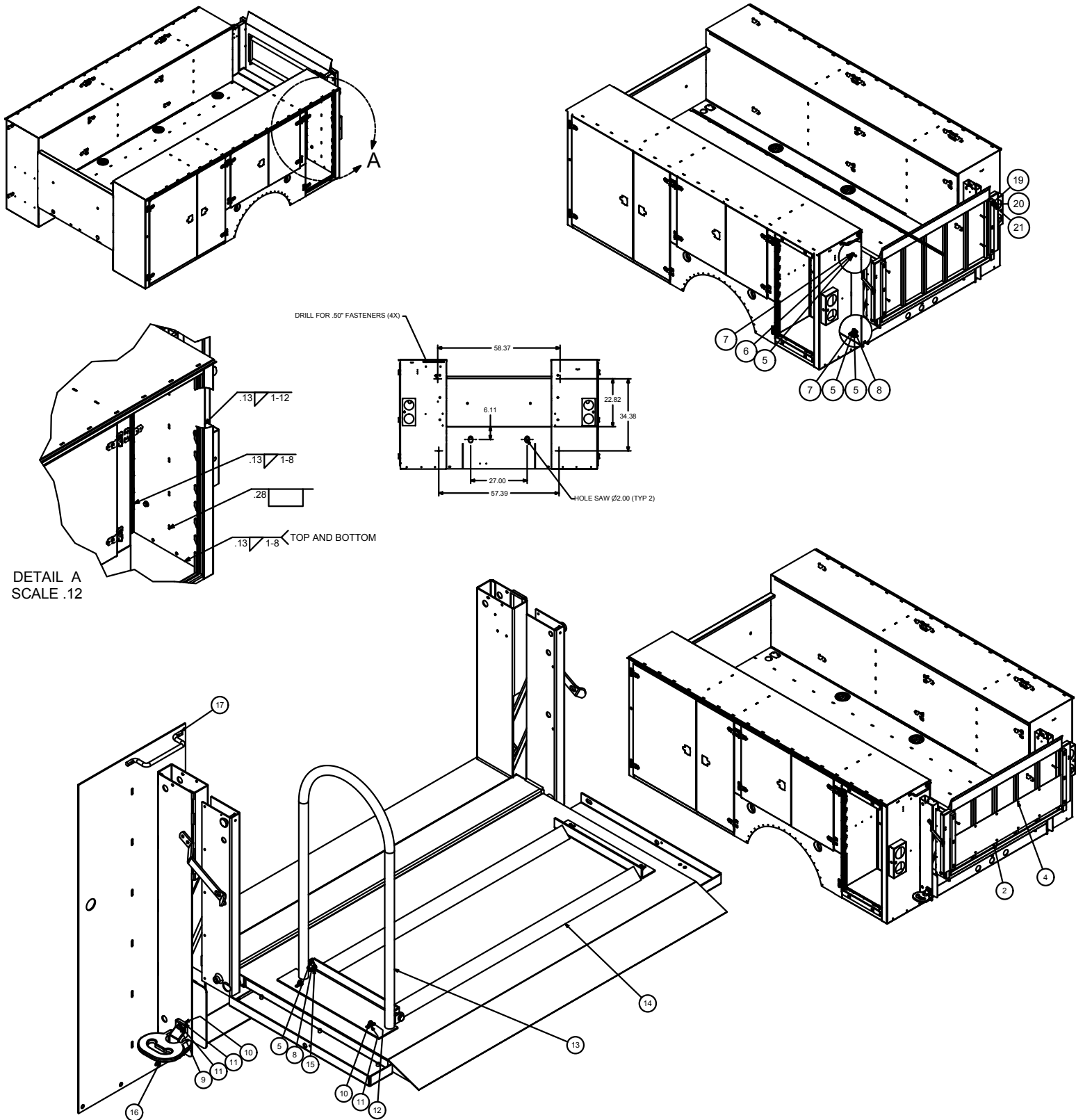
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	51724019	TANK-ASM 45 GAL POLY DOMCS OIL	2
2.	51724020	TANK-ASM 45 GAL POLY DOMCS SALV	1
3.	52723264	FENCE-DOMCS WITH POLY TANK CROSS CARGO BED	3
4.	52723265	FENCE-DOMCS WITH POLY TANK END LOCK	2
5.	52723266	FENCE-DOMCS WITH POLY TANK SINGLE TANK	2
6.	72063003	WASHER .38 FLAT	36
7.	72062103	NUT .38-16 HEX NYLOCK	30
8.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	24
9.	72060052	CAP SCR .38-16X 2.50 HH GR5 Z	4
10.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	2
11.	76392821	WASHER-BONDED .38 PLTD	20
12.	60251472	GUARD-POLY TANK DOMCS MULTI	1
13.	60251473	GUARD-POLY TANK DOMCS SINGLE 32H	1
14.	52723307	FENCE-DOMCS WITH POLY TANK CROSS CARGO BED 32H	1
15.	60137900	BRACKET-DOMCS POLY FENCE-PAINTED	4
16.	60143161	BRACKET-POLY HOLD DOWN DOMCS	1
17.	60136392	DS3 - TAIL LIGHT BOX	2
REV. INITIAL RELEASE			

DCS - Installation (Ingersoll-Rand Compressor) (99904672)



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DCS - Installation, Contractor Series Load Gate (99904657)



99904657 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	70734523	LOADGATE-G2-60-1650 PAINT (DOMCS)	1
2.	60136216	PANEL-LOADGATE DECAL DOMCS	1
3.	60030309	WEAR PAD-LOADGATE 16-86	2
4.	72066349	RIVET-POP SS .188 X .50 GRIP	8
5.	72063005	WASHER .50 FLAT	8
6.	72063053	WASHER .50 LOCK	2
7.	72060094	CAP SCR .50-13X 1.75 HH GR5 Z	4
8.	72062080	NUT .50-13 HEX NYLOCK	4
9.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	2
10.	72062109	NUT .31-18 HEX NYLOCK	7
11.	72063002	WASHER .31 FLAT	8
12.	72060032	CAP SCR .31-18X 2.75 HH GR5 Z	4
13.	52706335	SIDE RAIL-WLDMT LOADGATE	1
14.	52722002	TIRE STOP-WLDMT 90R LOADGATE 50"W GATE	1
15.	72060092	CAP SCR .50-13X 1.25 HH GR5 Z	2
16.	70732068	STEP/HAND-GRIP, FOLD DOWN FOR LOADGATE	1
17.	72661467	HANDLE-BODY BOLT ON 7.0X2.5BLK	1
18.	60134396	PANEL-LOADGATE REINFORCEMENT	1
19.	72063003	WASHER .38 FLAT	6
20.	72063051	WASHER .38 LOCK	6
21.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	6
REV. B			

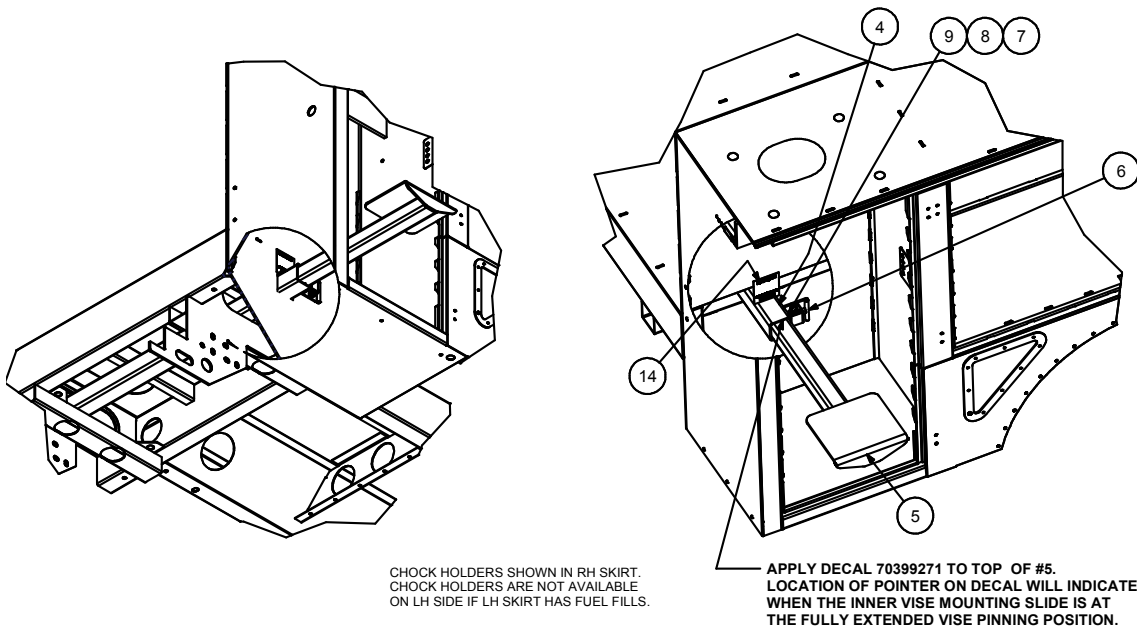
51718801 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52718802	D(II)-TAILGATE WLDMT REAR COVER	1
2.	52718803	D(II)-TAILGATE WLDMT LATCH ROD	1
3.	52718804	D(II)-TAILGATE WLDMT FRONT COVER	1
6.	72661226	RIVET-AL .257 DIA X .38 GRIP	14
7.	71411138	SPRING-EXTENSION .50 X 3.50 X 14GA	1
8.	60126539	D(II)-BRKT TAILGATE REAR COVER	2
9.	72063001	WASHER .25 FLAT	8
10.	72060002	CAP SCR .25-20X .75 HH GR5 Z	4
11.	72062104	NUT .25-20 HEX NYLOCK	4
12.	72063003	WASHER .38 FLAT	8
13.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	4
14.	72062103	NUT .38-16 HEX NYLOCK	4
15.	72661600	CABLE-PLASTIC COATED .19 X 13"L W/EYES	2
17.	52719638	D(II)-TAILGATE POST WLDMT RH W-SPACE	1
18.	52719639	D(II)-TAILGATE POST WLDMT LH W-SPACE	1
REV. G			

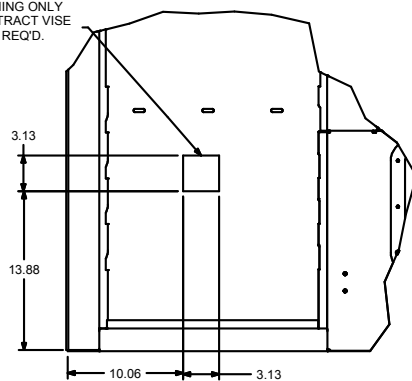
NOTES:

1. Install rod wldmt #2 into panel #3 slots.
2. Connect spring #7 between panel #3 bracket and rod #2 bracket.
3. Join panel #1 over panel #3.
4. Connect panel #1 to panel #3 with rivet #6.
5. Insert lower mounting pin of mounting bracket #17-#18 into lower hole of assembled tailgate.
6. Bolt assembly to rear of body.
7. Cable #15 will share the top mounting hole in bracket #17-#18. The other end of this cable will be attached to the top end of the tailgate. This will hold the open tailgate parallel to the cargo floor.

DCS - Rock Guard, Wheel Chocks & Vise (99904659)

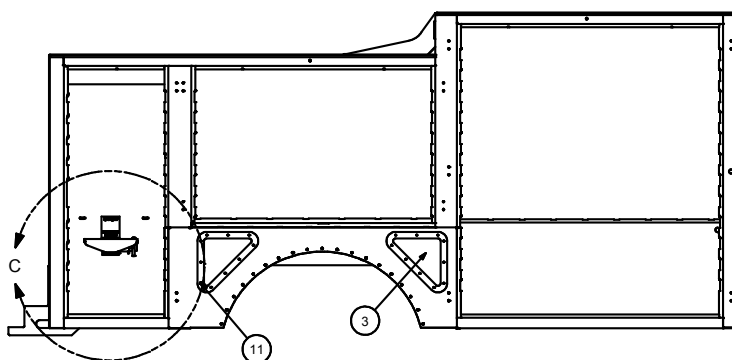
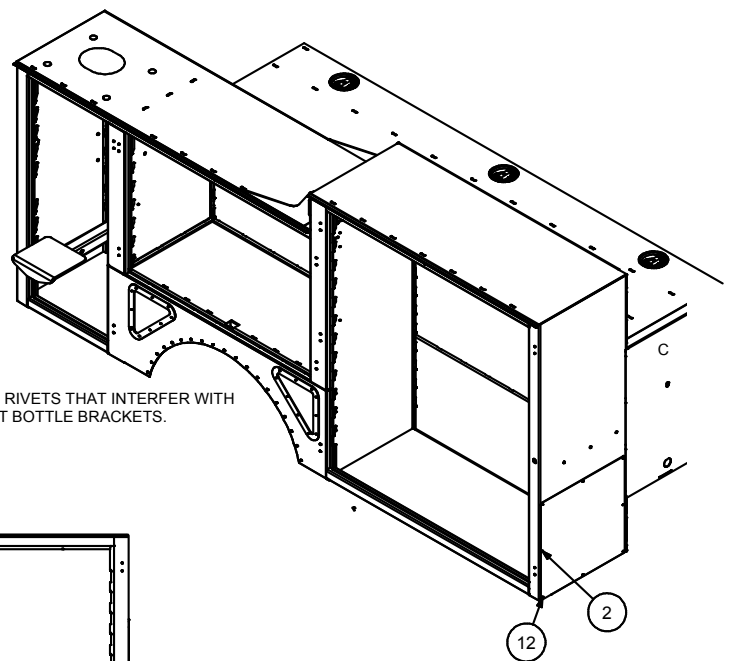


CUT OPENING ONLY
WHEN RETRACT VISE
MOUNT IS REQ'D.



DETAIL C
SCALE 1 / 5

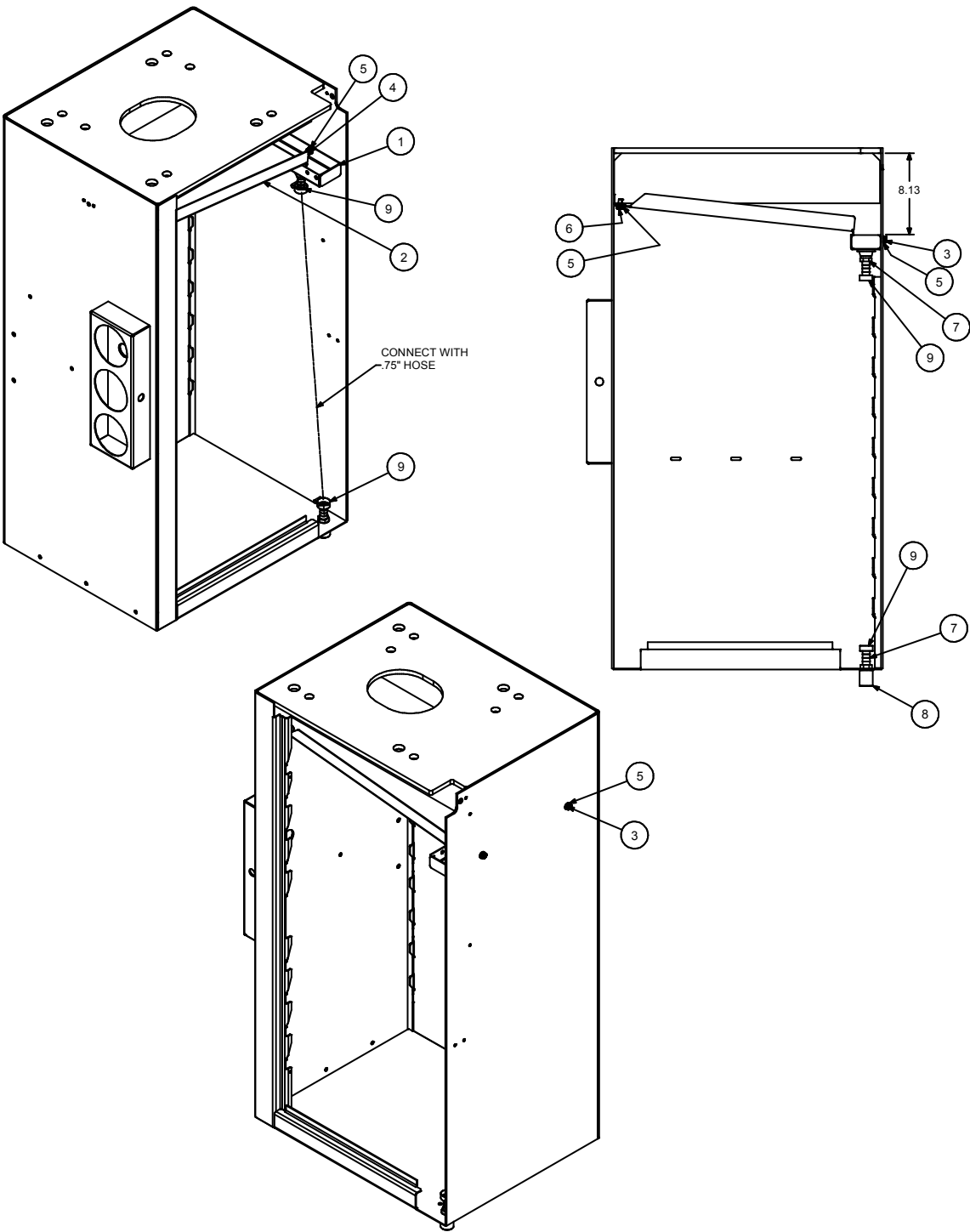
DELETE RIVETS THAT INTERFERE WITH
OXY/ACT BOTTLE BRACKETS.



99904659 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	60123785	CHOCK-TRIM RING ON DOM SKIRT	2
2.	60251408	GUARD-ROCK .063 ALUM 21.00X 21.00	1
3.	60133535	PANEL-CHOCK HOLDER DOM SKIRT WELD IN	2
4.	52722351	HOUSING-VISE MOUNT IN COMPT	1
5.	52722352	VISE MOUNTING SLIDE-INNER	1
6.	52070138	PIN-WLDMT - T (THRU .38 THICKNESS)	1
7.	60010351	SPRING-COMPRESSION .062 X 1.50 X .845OD	1
8.	72063007	WASHER .62 FLAT	2
9.	72066185	COTTER PIN .16X1.00 PLAIN	1
10.	72062123	NUT-SS #10-24 NYLOC	AR
11.	72601823	SCR-MACH #10-24X .75 RDH PH SS	AR
12.	72661418	RIVET-POP AL .188 X .50 GRIP	AR
13.	70034499	OPTIONAL- CHOCK-POLY/NYL REINF W/U-BOLT FOR DOM	AR
14.	70397353	DECAL-DANGER CRUSHING	1
REV. G			

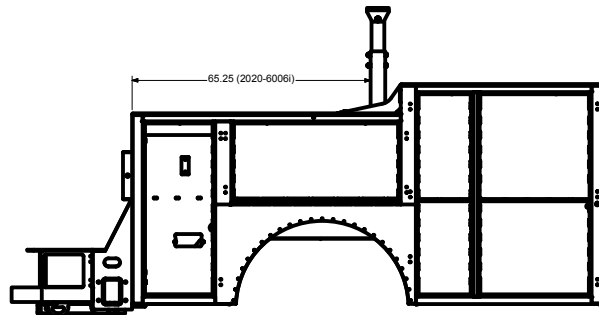
DCS - Crane Accessory Kit (99904656)



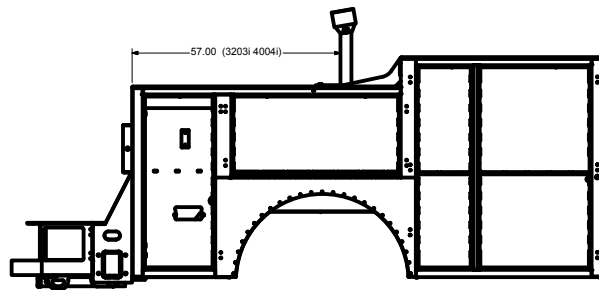
99904656 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52719863	TROUGH- DRIP TRAY U RENTAL CRN BOX	1
2.	60116698	DRIP TRAY-CRANE COMPT DOM	1
3.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	2
4.	72062109	NUT .31-18 HEX NYLOCK	2
5.	72063002	WASHER .31 FLAT	5
6.	72060023	CAP SCR .31-18X .75 HH GR5 Z	6
7.	72053458	NIPPLE-BARB BRS .75MPT .75	7
8.	72053305	COUPLING-BLK .75	8
9.	72066000	CLAMP-HOSE .50-1.25 SAE 12	9
REV. A			

DCS - Boom Support Placement (99905157)

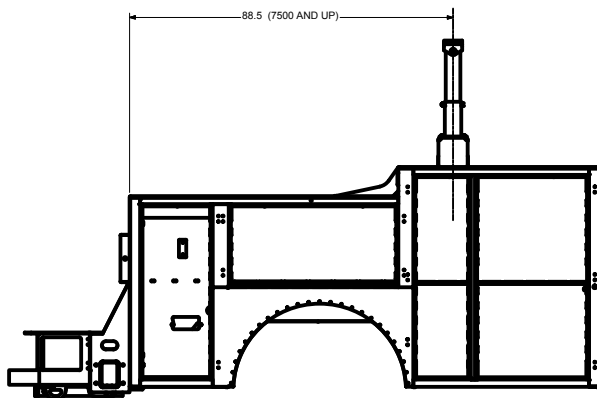


THIS VIEW APPLIES TO
THE FOLLOWING CRANE INSTALLATIONS.
2020 2820
5005i 6006i



THIS VIEW APPLIES TO
THE FOLLOWING CRANE INSTALLATIONS.
3203i AND 4004i .

NOTE: 2003i DOES NOT REQUIRE A BOOM SUPPORT.



THIS VIEW APPLIES TO
THE FOLLOWING CRANE INSTALLATIONS.
7500 8600 9500 10000.

BOOM SUPPORT INFORMATION:

51724934 TO BE USED ON THE FOLLOWING APPLICATIONS:

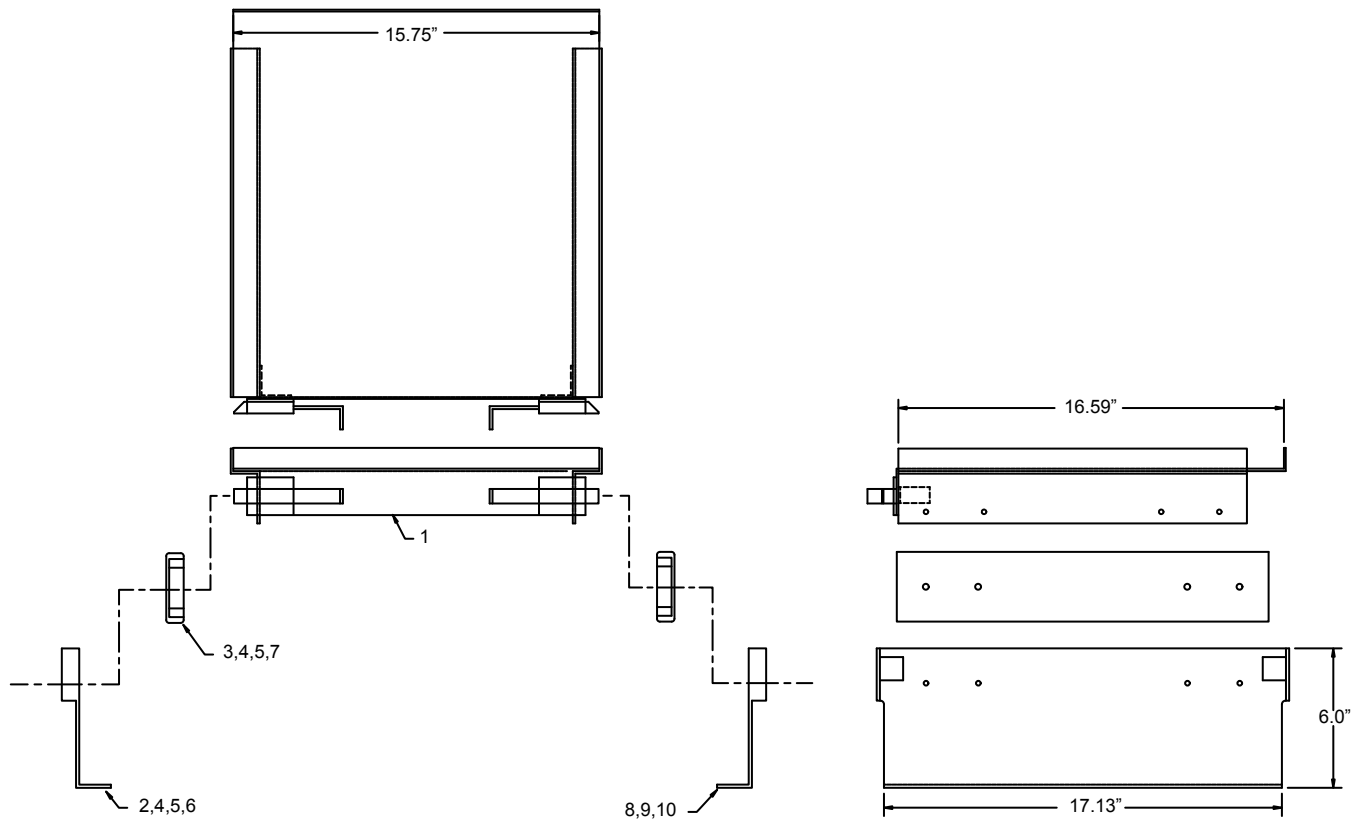
DOM 1 9FT RAISED FRONT RIGHT 7500 SHORT
DOM 1 11FT RAISED FRONT RIGHT 7500 SHORT ALL CHASSIS
DOM 1 11FT RAISED FRONT RIGHT 7500 LONG WITH SHORT CAB CHASSIS

51724939 TO BE USED ON THE FOLLOWING APPLICATIONS:

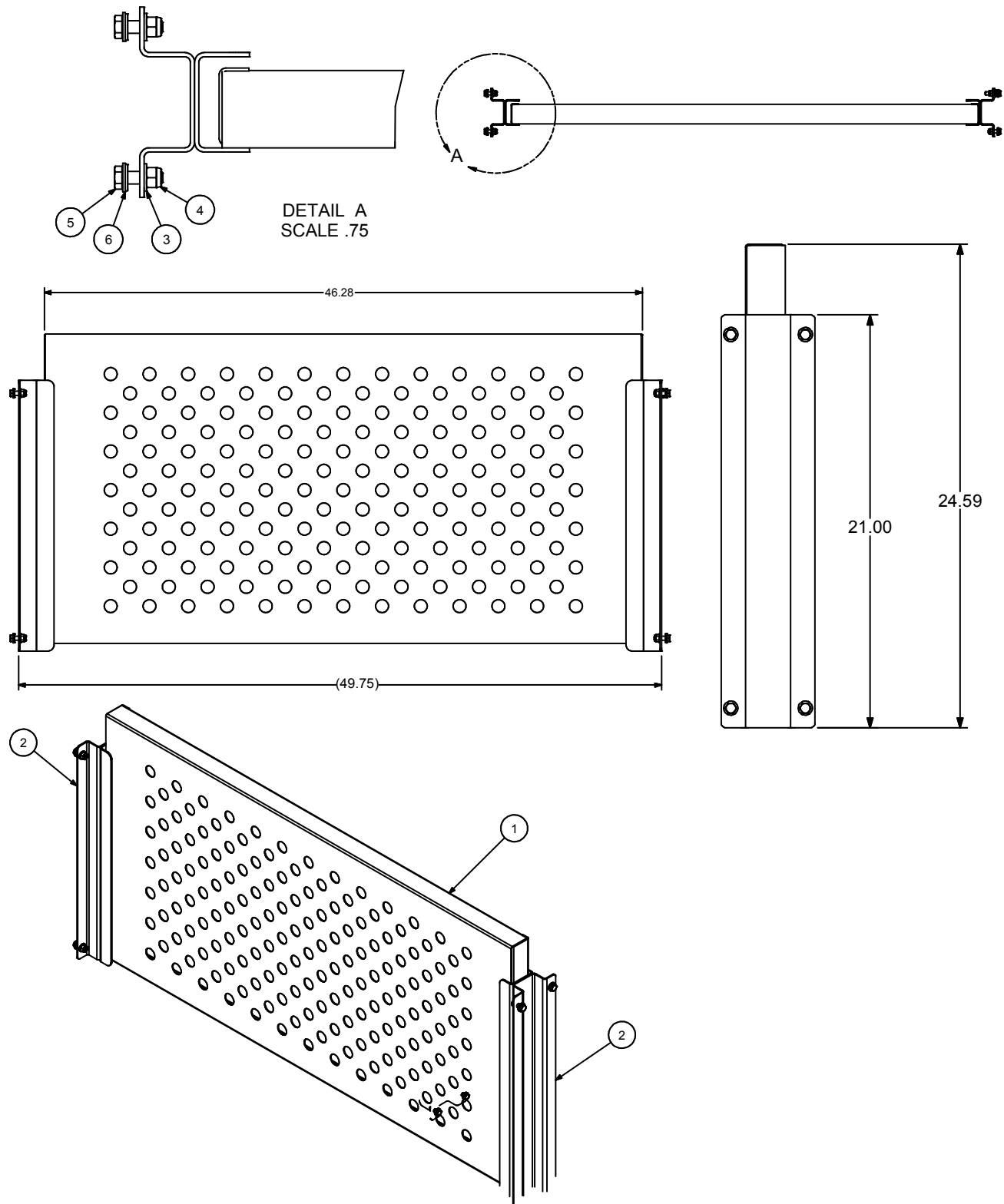
DOM 1 11FT STANDARD 7500 SHORT WITH TALL CAB CHASSIS
DOM 1 11FT STANDARD 7500 LONG WITH TALL CAB CHASSIS

DOM 2 11FT STANDARD 7500-10000 SHORT WITH TALL CAB CHASSIS
DOM 2 11FT STANDARD 7500-10000 LONG WITH TALL CAB CHASSIS

DCS - Rollout Tray Assembly (51713998)



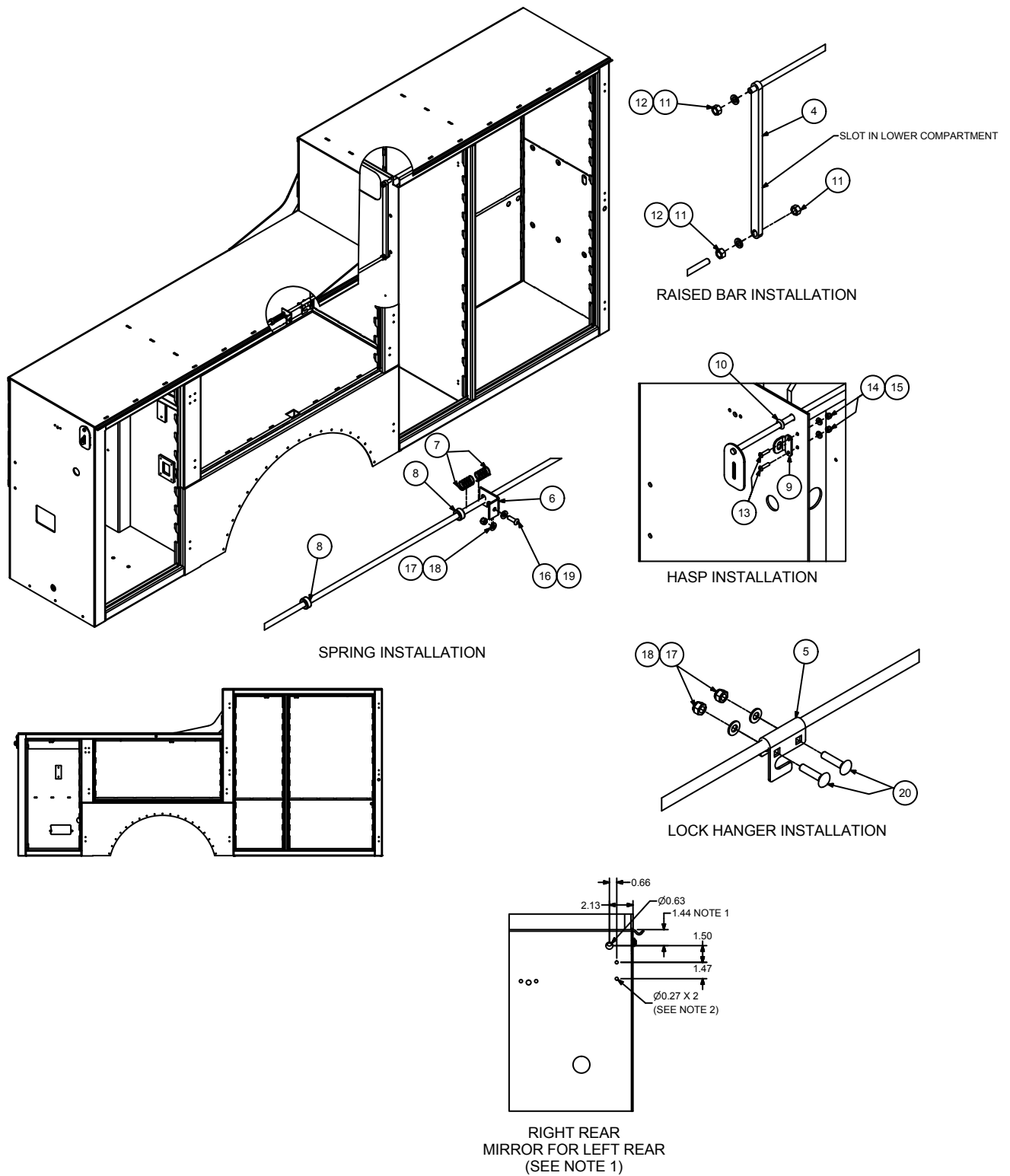
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52713999	ROLLOUT TRAY WELDMENT	1
2.	60114300	MOUNTING BRACKET	2
3.	70731440	DRAWER SLIDE	2
4.	72062106	NUT #10-24 HEX NYLOC	16
5.	72063123	WASHER #10 FLAT	16
6.	72601284	SCREW-MACH #10-24 X .63 FLH	8
7.	72601283	SCREW-MACH #10-24 .63 RDH	8
8.	72601329	CAP SCREW .31-18 X .75 BTNHD	4
9.	72063002	WASHER .31 FLAT	2
10.	72062109	NUT .31-18 HEX NYLOC	4
REV. INITIAL RELEASE			

DCS - Removable Gate (51712986)

51712986 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52712987	GATE-WLDMT REMOVABLE (MECH)	1
2.	52725530	BRACKET-WLDMT REMOVABLE GATE	2
3.	72063002	WASHER .31 FLAT	8
4.	72062109	NUT .31-18 HEX NYLOCK	8
5.	72060025	CAP SCR .31-18X 1.00 HH GR5 Z	8
6.	76392598	WASHER-BONDED PLTD .31	8
REV. INITIAL RELEASE			

DCS - Master Lock System (99906150)



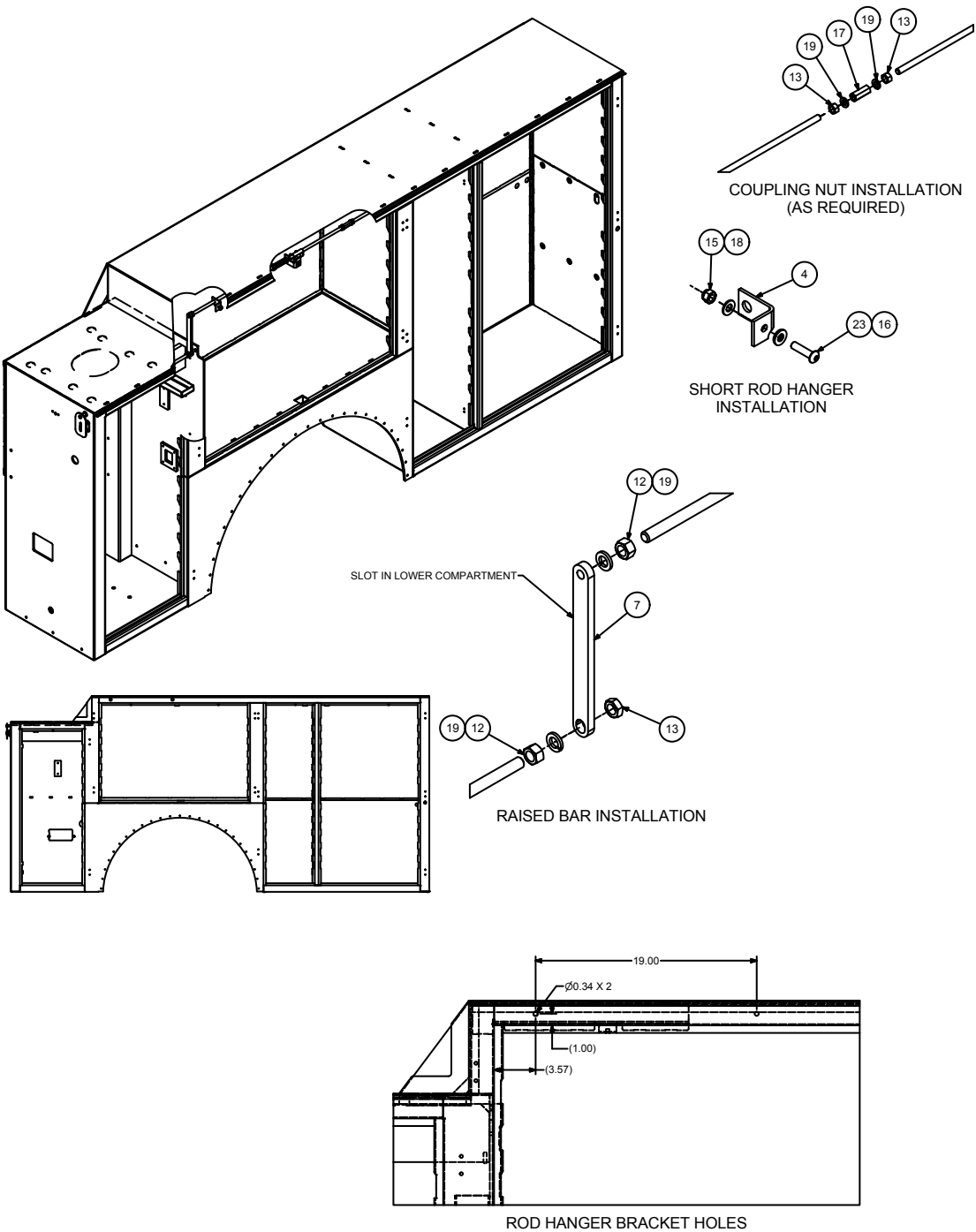
99906150 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	99904995	DS3 -SDPK DOM1-11 RH RSD 1-2 W/ CRANE	A/R
2.	52726836	ROD-MSTR LOCK 77.50IN ASM	A/R
3.	60144207	ROD-MSTR LOCK 30IN TH	A/R
4.	60144211	LINKAGE - MSTR LOCK 16IN	A/R
4.	60144355	LINKAGE - MSTR LOCK 8IN	A/R
5.	60144212	BRACKET-ROD STOP RH LOCK	A/R
5.	60117214	BRACKET-ROD STOP LH LOCK	1
6.	60117214	BRACKET-ROD HANGER MASTER LOCK	A/R
7.	60010351	SPRING-COMPRESSION .062 X 1.50 X .845OD	A/R
8.	70143654	COLLAR-SHAFT 1 PIECE 1/2 IN.	A/R
9.	60144213	HASP EYE - .5 SHACKLE SS	A/R
10.	70034277	GROMMET-POLY .52ID GR-5/8-UL	A/R
11.	72062004	NUT .50-13 HEX	A/R
12.	72063053	WASHER .50 LOCK	A/R
13.	72602140	SCR-MACH .25-20X 1.00 BTNHD HEX SS	A/R
14.	72062104	NUT .25-20 HEX NYLOCK	A/R
15.	76392820	WASHER-BONDED .25 PLTD	A/R
16.	72601590	SCR-MACH .31-18X 1.00 BTNHD HEX SS	A/R
17.	72062109	NUT .31-18 HEX NYLOCK	A/R
18.	72063002	WASHER .31 FLAT	A/R
19.	72062314	WASHER-BONDED .31 SS	A/R
20.	72601435	BOLT-CRG .31-18X 1.25 SQNK GR2	A/R
REV. B			

NOTES:

1. Left rear ø5/8" is 1.19 From top.
2. Caution: if drilling in completed body, wiring could be behind.

99906150-1, MASTER LOCK, CONTINUED



99906150-1 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	99905092	SDPK-DS3 -DOM2-11 RH R60 W CRN	A/R
2.	52726925	ROD-MSTR LOCK 27.38IN ASM	A/R
3.	60010351	SPRING-COMPRESSION .062 X 1.50 X .845OD	A/R
4.	60144540	BRACKET-ROD HANGER MASTER LOCK-SHORT	A/R
5.	60144213	HASP EYE - .5 SHACKLE SS	A/R
6.	60144212	BRACKET-ROD STOP LH LOCK	A/R
6.	60144214	BRACKET-ROD STOP RH LOCK	A/R
7.	60144355	LINKAGE - MSTR LOCK 8IN	A/R
8.	60144376	ROD-MSTR LOCK 38.50IN DBL TH	A/R
10.	70034277	GROMMET-POLY .52ID GR-5/8-UL	A/R
11.	70143654	COLLAR-SHAFT 1 PIECE 1/2 IN.	A/R
12.	72062004	NUT .50-13 HEX	A/R
13.	72062024	NUT .50-13 HEX JAM ZINC	A/R
14.	72062104	NUT .25-20 HEX NYLOCK	A/R
15.	72062109	NUT .31-18 HEX NYLOCK	A/R
16.	72062314	WASHER-BONDED .31 SS	A/R
17.	72062399	NUT .25-20 HEX GR2 Z COUPLE 0.875 L	A/R
18.	72063002	WASHER .31 FLAT	A/R
19.	72063053	WASHER .50 LOCK	A/R
20.	72601435	BOLT-CRG .31-18X 1.25 SQNK GR2	A/R
21.	72601590	SCR-MACH .31-18X 1.00 BTNHD HEX SS	A/R
22.	72602140	SCR-MACH .25-20X 1.00 BTNHD HEX SS	A/R
23.	72602146	SCR-MACH .31-18X 1.25 BTNHD HEX SS	A/R
24.	76392820	WASHER-BONDED .25 PLTD	A/R
REV. B			

DCS - Master Lock Kits

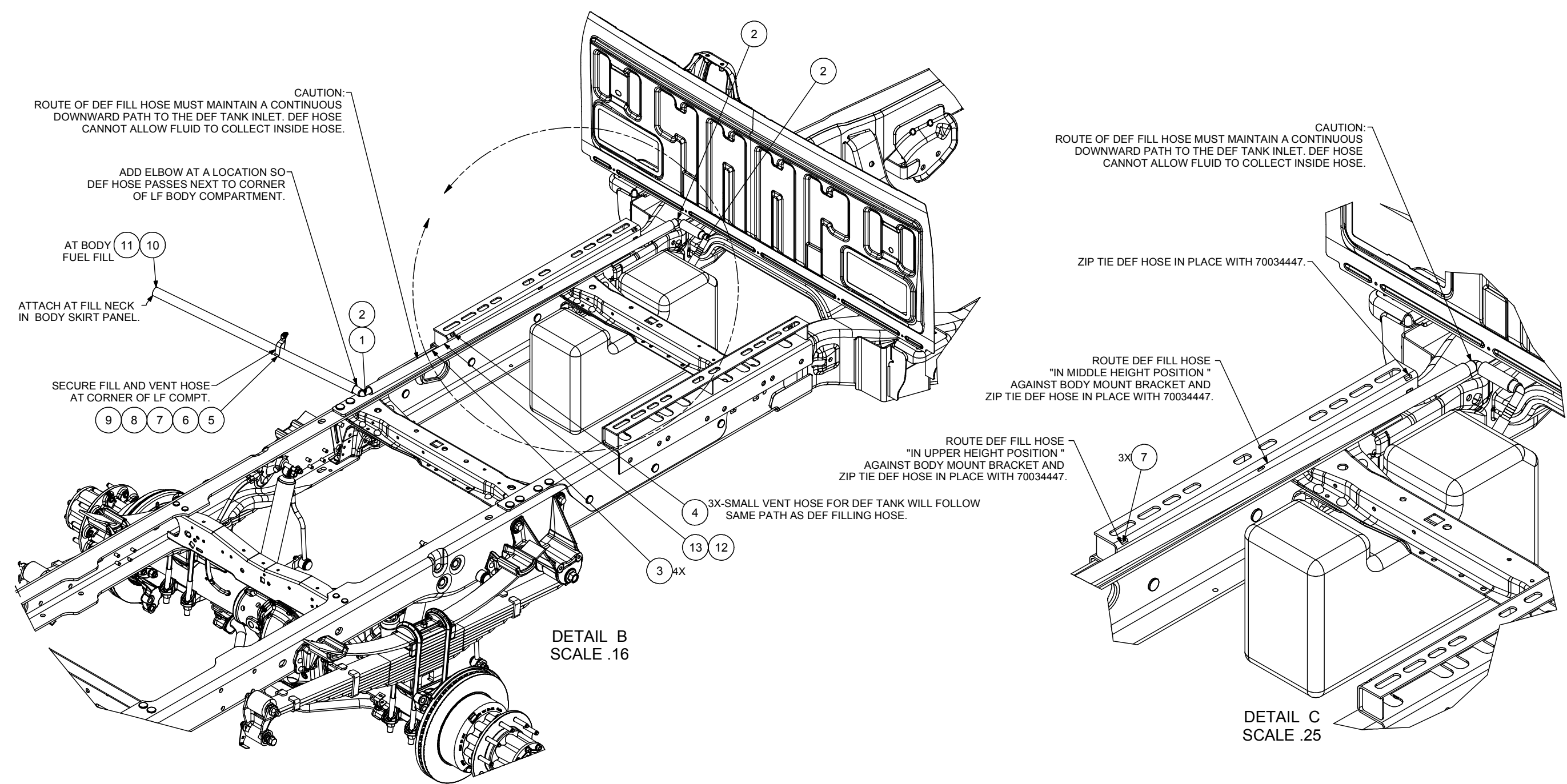
KIT NUMBERS	BODY DESCRIPTION
51735008	11-FOOT DOMINATOR WITH RIGHT AND LEFT STANDARDS
51735079	11-FOOT DOMINATOR WITH RIGHT FRONT RAISED AND LEFT STANDARDS

PART NO.	DESCRIPTION	KIT NUMBERS	
		51735008	51735079
		QTY.	QTY.
52726835	ROD-MSTR LOCK 105in ASM	2	1
52726836	ROD-MSTR LOCK 77.5in ASM	-	1
60144537	ROD-MSTR LOCK 36in TH	-	1
60144355	LINKAGE - MSTR LOCK 8in	-	1
60144214	BRACKET-ROD STOP RH LOCK	4	4
60144212	BRACKET-ROD STOP LH LOCK	4	4
60117214	BRACKET-ROD HANGER MASTER LOCK	2	3
60010351	SPRING-COMPRESSION .062 X 1.50 X .845OD	4	4
70143654	COLLAR-SHAFT 1 PIECE 1/2 in.	4	4
60144213	HASP EYE - .5 SHACKLE SS	2	2
70034277	GROMMET-POLY .52ID GR-5/8-UL	2	2
72062004	NUT .50-13 HEX GR5 Z	-	3
72063053	NUT .44-14 HEX GR5 Z	-	2
51735001	KIT-HRDW MSTR LOCK 11FT	1	-
51735002	KIT-HRDW MSTR LOCK 11FT ALL RSD 52 CRN	-	1

Assemblies & Installations

Section - 3

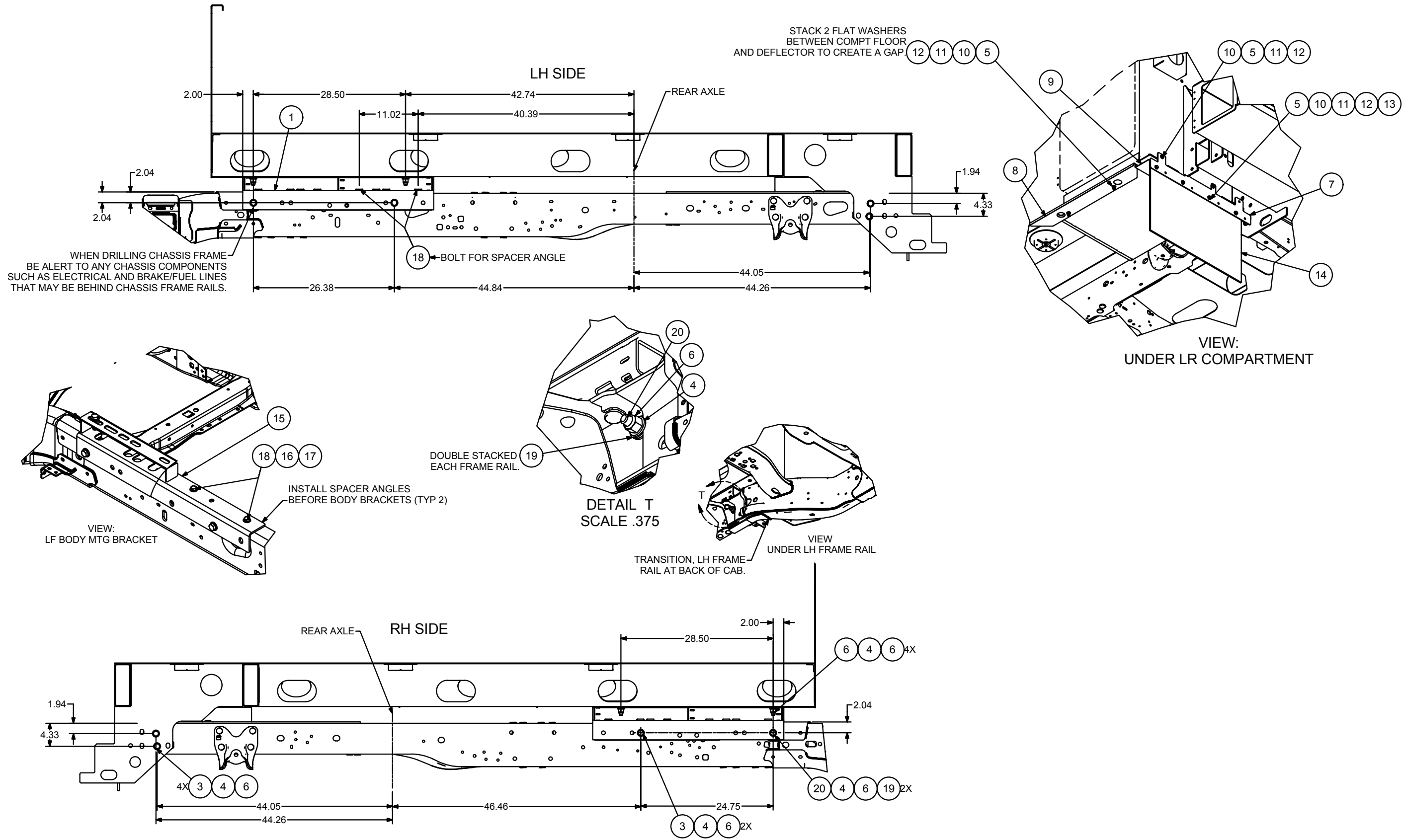
DCS - Ford-2017 Def Fill Installation (99906093)



99906093 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	70034567	ELBOW-BARB/90/BARB 1.00 .75 POLY	1
2.	72066000	CLAMP-HOSE .50-1.25 SAE #12	3
3.	72066003	CLAMP-HOSE .44-1.00 SAE #8	4
4.	70034447	TIES-PLASTIC .25W 11.38L BLACK	3
5.	72066587	CLAMP-LOOP 3 TUBES CUSHIONED	1
6.	72063001	WASHER .25 FLAT	1
7.	72060002	CAP SCR .25-20X .75 HH GR5 Z	1
8.	76392820	WASHER-BONDED .25 PLTD	1
9.	72062104	NUT .25-20 HEX NYLOCK	1
10.	51722206	COVER KIT-FUEL HOLE DOMINATOR DEF TANK	1
11.	70398968	DECAL-DIESEL EXHAUST FLUID (DEF)	1
12.	70034569	NIPPLE-BARB NYL 1.00 .75 STRAIT	1
13.	70034521	NIPPLE-BARB NYL .38/.50 STRAIT	2
REV. A			

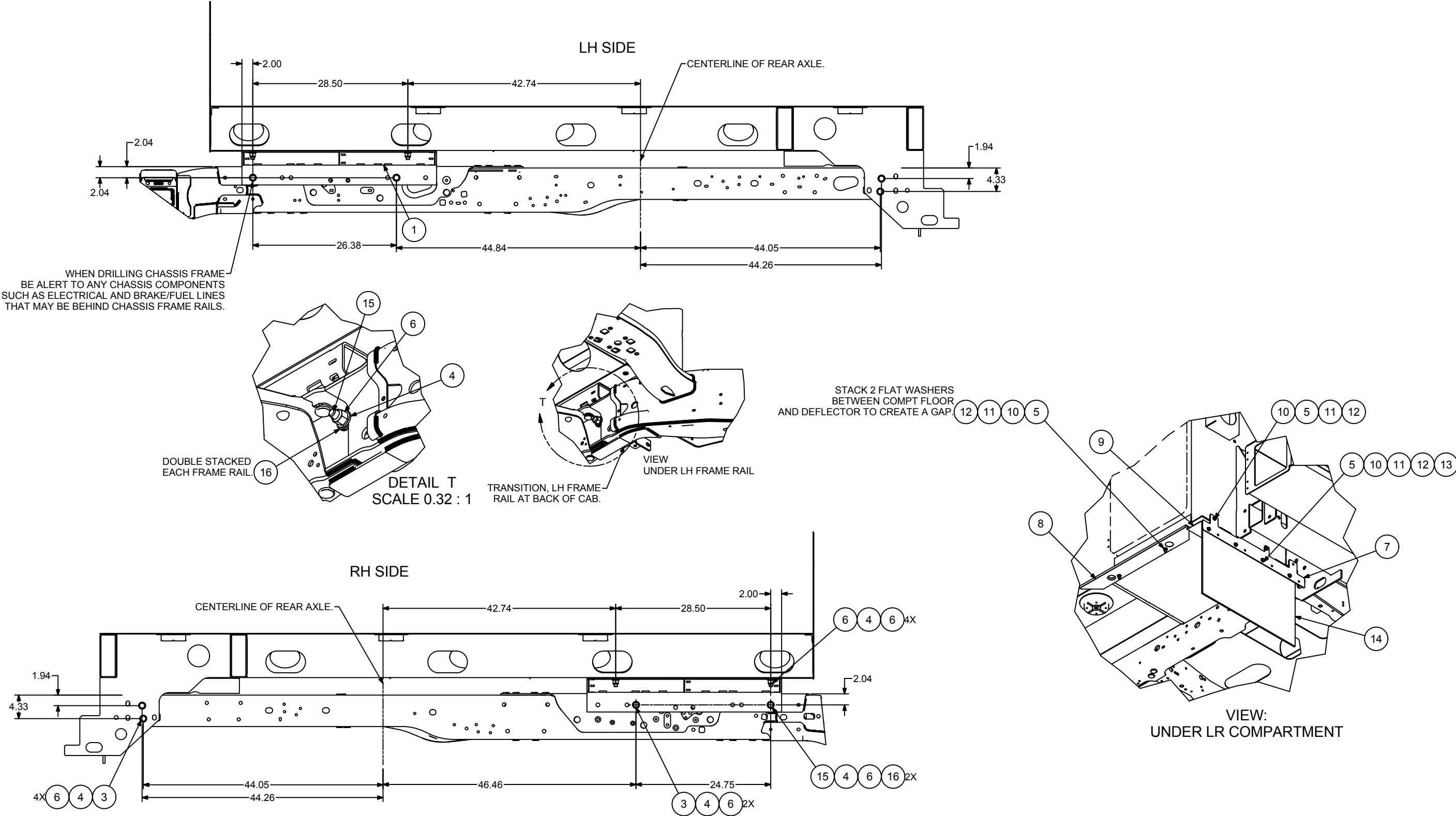
DCS - Ford-2017 11' 18.0K Installation (99906095)



99906095 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52726969	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2
2.	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	4
3.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	10
4.	72063119	WASHER .62 FLAT ASTM F436	24
5.	72063002	WASHER .31 FLAT	26
6.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
7.	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
8.	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
9.	60120705	MTG BRKT-WIRE HARNESS	2
10.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	18
11.	76392598	WASHER-BONDED .31 PLTD	10
12.	72062109	NUT .31-18 HEX NYLOCK	18
13.	72063078	WASHER .31X1.50 OD ZINC	8
14.	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2
15.	60144599	SHIM-BODY MTG FRT DOM F550 18K 2017	2
16.	72063005	WASHER .50 FLAT	8
17.	72062080	NUT .50-13 HEX NYLOCK	4
18.	72060093	CAP SCR .50-13X 1.50 HH GR5 Z	4
19.	60144644	SPACER-WASHER 2017 FORD	4
20.	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	2
REV. A			

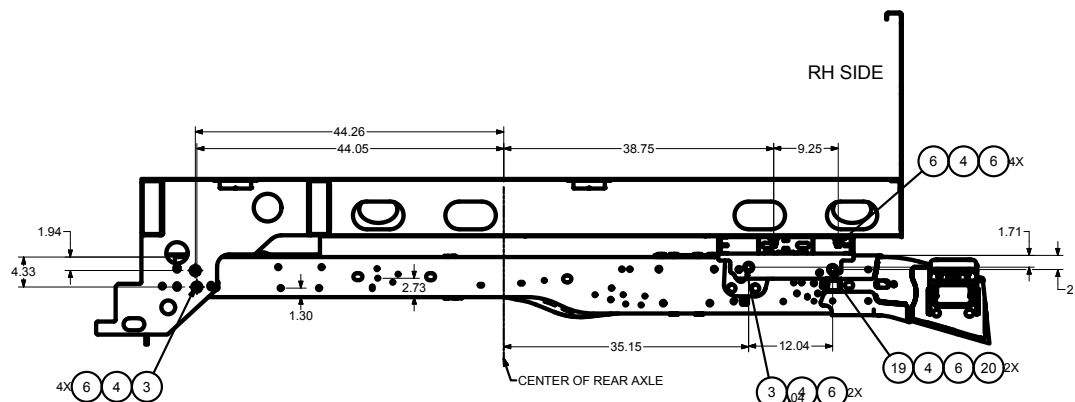
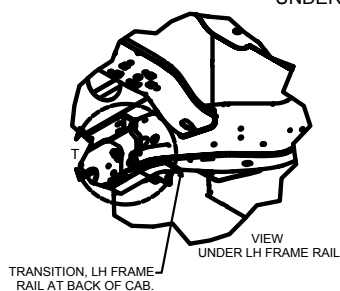
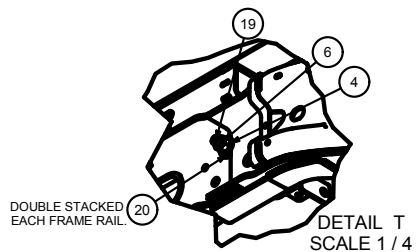
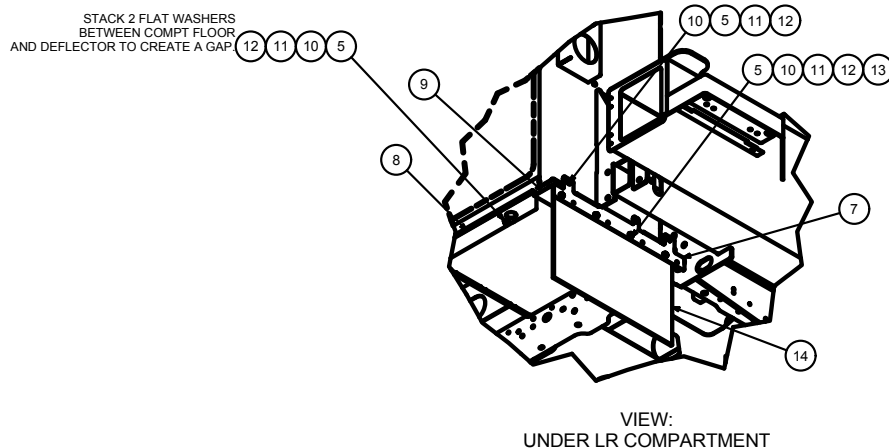
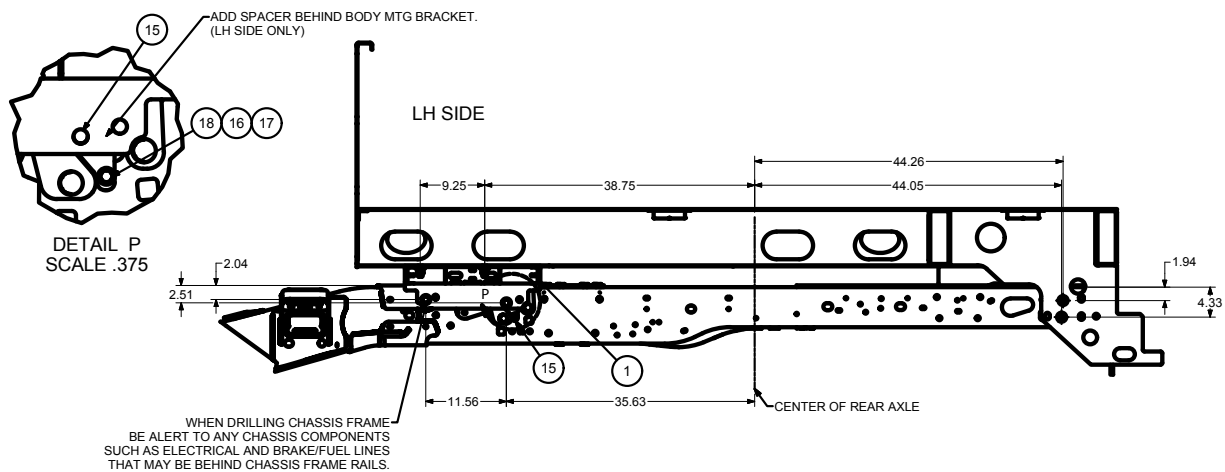
DCS - Ford-2017 11' 19.5K Installation (99906096)



99906096 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52726969	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2
2.	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	4
3.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	10
4.	72063119	WASHER .62 FLAT ASTM F436	24
5.	72063002	WASHER .31 FLAT	26
6.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
7.	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
8.	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
9.	60120705	MTG BRKT-WIRE HARNESS	2
10.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	18
11.	76392598	WASHER-BONDED .31 PLTD	10
12.	72062109	NUT .31-18 HEX NYLOCK	18
13.	72063078	WASHER .31X1.50 OD ZINC	8
14.	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2
15.	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	2
16.	60144644	SPACER-WASHER 2017 FORD	4
REV. A			

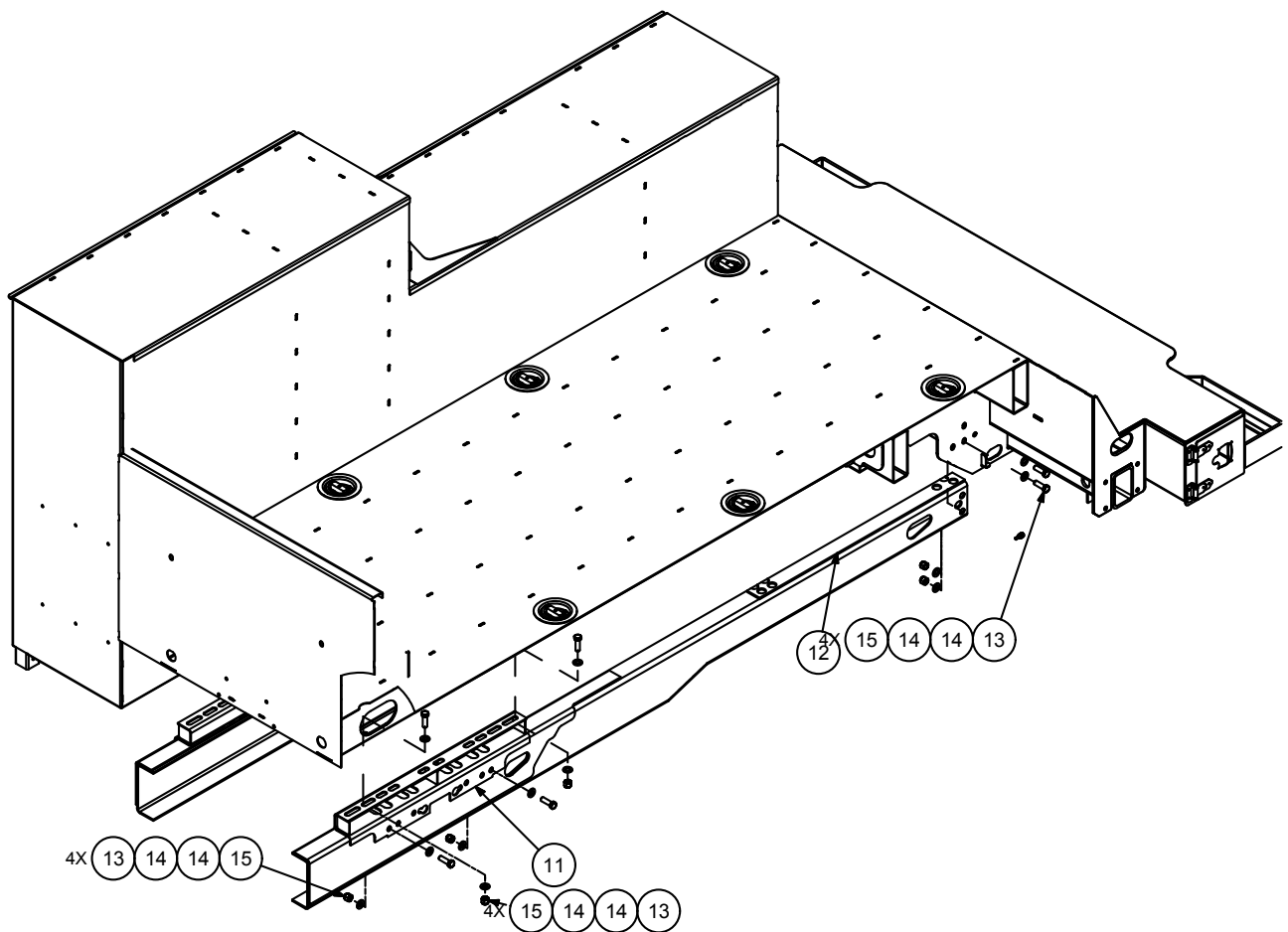
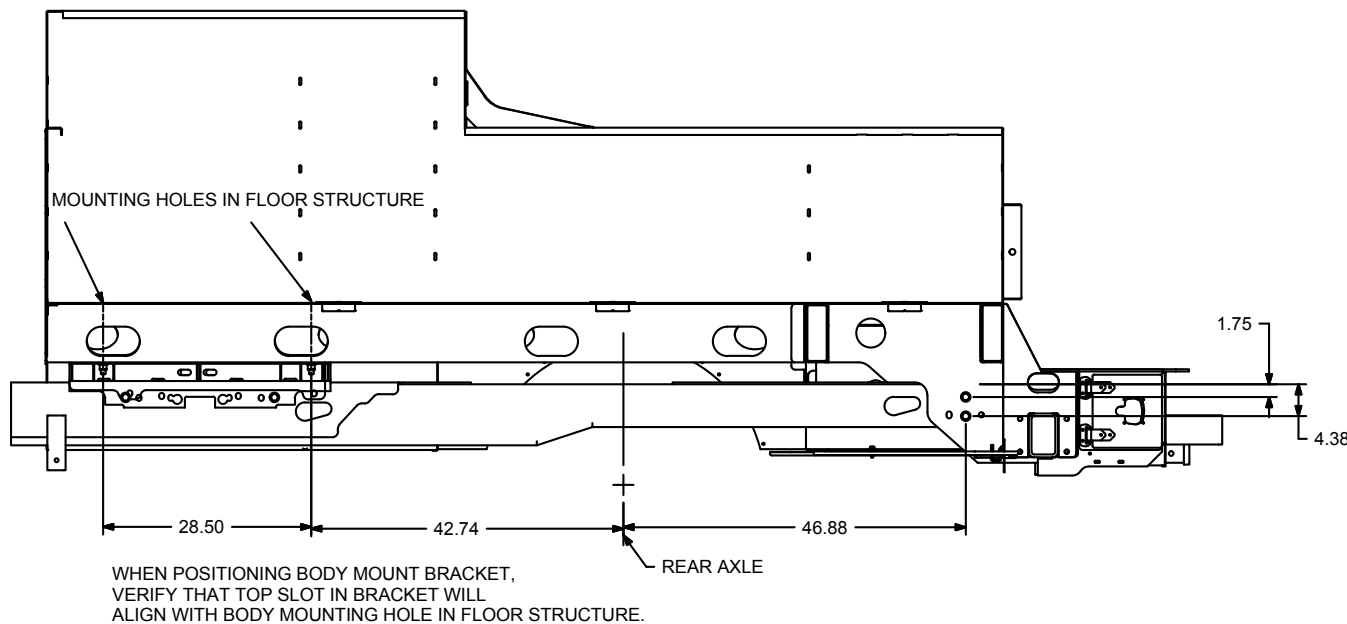
DCS - Ford-2017 9' Installation (99906098)



99906098 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	52727031	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2
2.	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	3
3.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	10
4.	72063119	WASHER .62 FLAT ASTM F436	24
5.	72063002	WASHER .31 FLAT	26
6.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
7.	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
8.	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
9.	60120705	MTG BRKT-WIRE HARNESS	2
10.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	18
11.	76392598	WASHER-BONDED .31 PLTD	10
12.	72062109	NUT .31-18 HEX NYLOCK	18
13.	72063078	WASHER .31X1.50 OD ZINC	8
14.	76393799	MUD FLAP W/IMT LOGO 16H X 24W	2
15.	60144638	SPACER-DOM1-9' INSTALL KIT 2017 FORD	1
16.	72063003	WASHER .38 FLAT	2
17.	72062103	NUT .38-16 HEX NYLOCK	1
18.	72060048	CAP SCR .38-16X 1.50 HH GR5 Z	1
19.	72601482	CAP SCR .62-11X 2.50 HH GR8 Z	2
20.	60144644	SPACER-WASHER 2017 FORD	4
REV. INITIAL RELEASE			

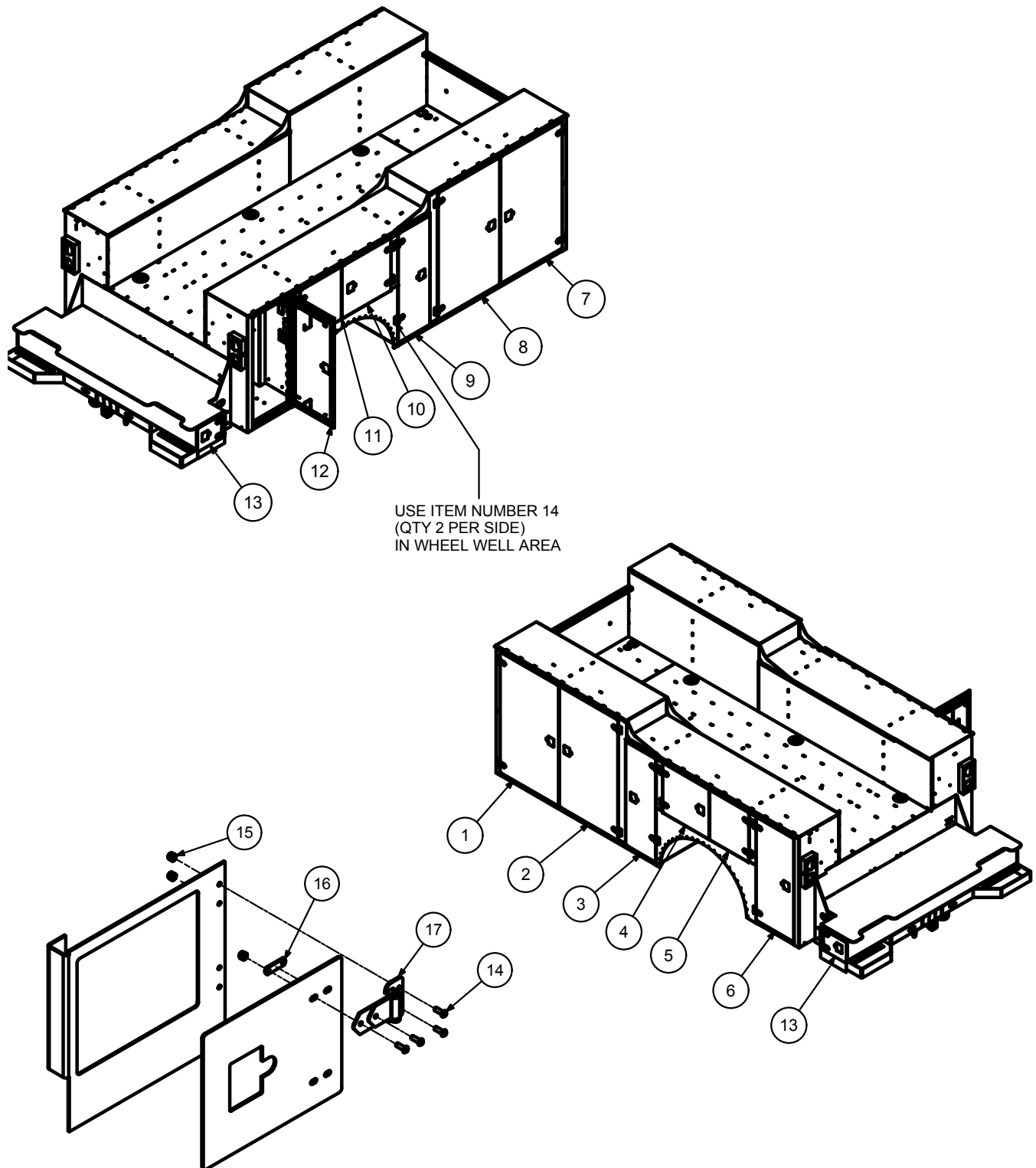
DCS - Dominator I Chassis Installation (99904280)



99904280 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	60131361	BRACKET-MUD FLAP DOM1 FORD 6.4L	2
2.	60131565	BRACKET-MUD FLAP DOM1 SIDE PROTECTOR	2
3.	76393799	MUD FLAP W/MT LOGO 16H X 24W	2
4.	60120705	MTG BRKT-WIRE HARNESS	2
5.	72060026	CAP SCR .31-18X 1.25 HH GR5 Z	28
6.	72063078	WASHER .31X1.50 OD ZINC	8
7.	72063002	WASHER .31 FLAT	42
8.	72062109	NUT .31-18 HEX NYLOCK	28
9.	52714905	BRACKET-BODY FRT DOM1 9' BODY	2-AR
10.	52714843	BRACKET-BODY FRT DOM1 11' BODY SNGL WALL FRAME	2-AR
11.	52716274	BRACKET-BODY FRT DOM1 84CA 19000 GVW	2-AR
12.	60122777	SHIM-BODY MTG REAR DOM/PRED F550 19000 G	2-AR
13.	72060151	CAP SCR .62-11X 2.00 HH GR8 Z	12
14.	72063119	WASHER .62 FLAT ASTM F436	24
15.	72601859	NUT .62-11 HEX GR8 YZ NYLOCK	12
16.	76392598	WASHER-BONDED .31 PLTD	18
17.	71412663	EXH CONNECTOR-4.00ID ELBOW (6.4)	2-AR
18.	52721430	BRACKET-BODY FRONT DOM 84CA DODGE 08	2-AR
REV. C			

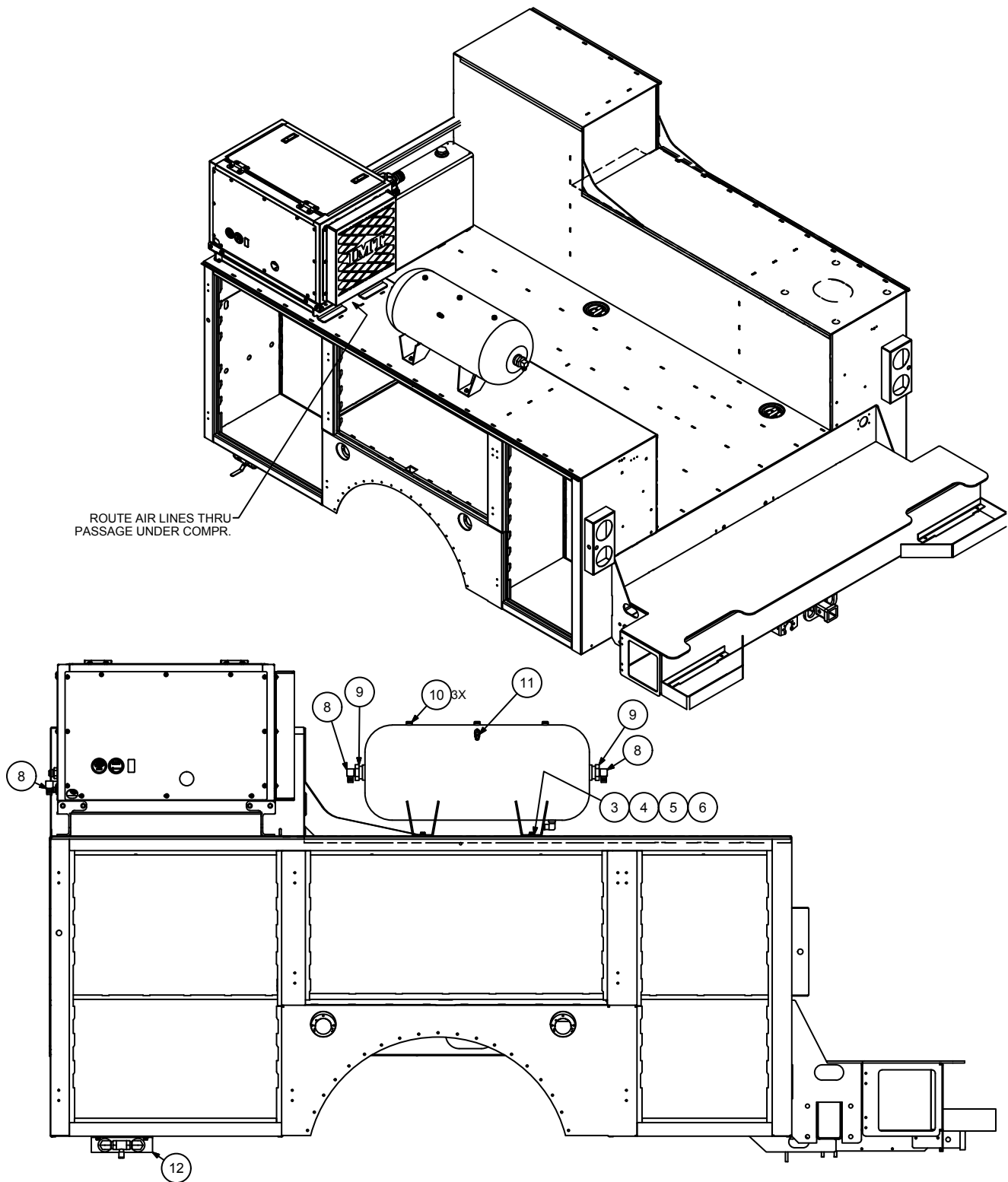
DSC - 2018 Door Assembly (99905142)



99905143 PARTS LIST

ITEM NO.	LOCATION	BODY	52"	60"
1.	LEFT VERT 1	ALL	71414310	7146613
2.	LEFT VERT 2	11'	71414308	7146615
3.	NA	NA	NA	NA
4.	NA	NA	NA	NA
5.	NA	NA	NA	NA
6.	LEFT REAR	ALL	71414307	71416616
7.	RIGHT VERT 1	ALL	71414310	71416613
8.	RIGHT VERT 2	11'	71414312	71416615
9.	NA	NA	NA	NA
10.	NA	NA	NA	NA
11.	NA	NA	NA	NA
12.	RIGHT REAR	ALL	71414307	71414307
13.	WORKBENCH	ALL	60126276	60129178
14.	4 PER HINGE	ALL	72601652	
14.	2 PER HINGE	CRANE BOX	72601653	
15.	3 PER HINGE	ALL	72062194	
16.	1 PER HINGE	ALL	72062264	
17	ALL HINGES	ALL	72661383	
REV. C				
Effective: 01/01/2018				

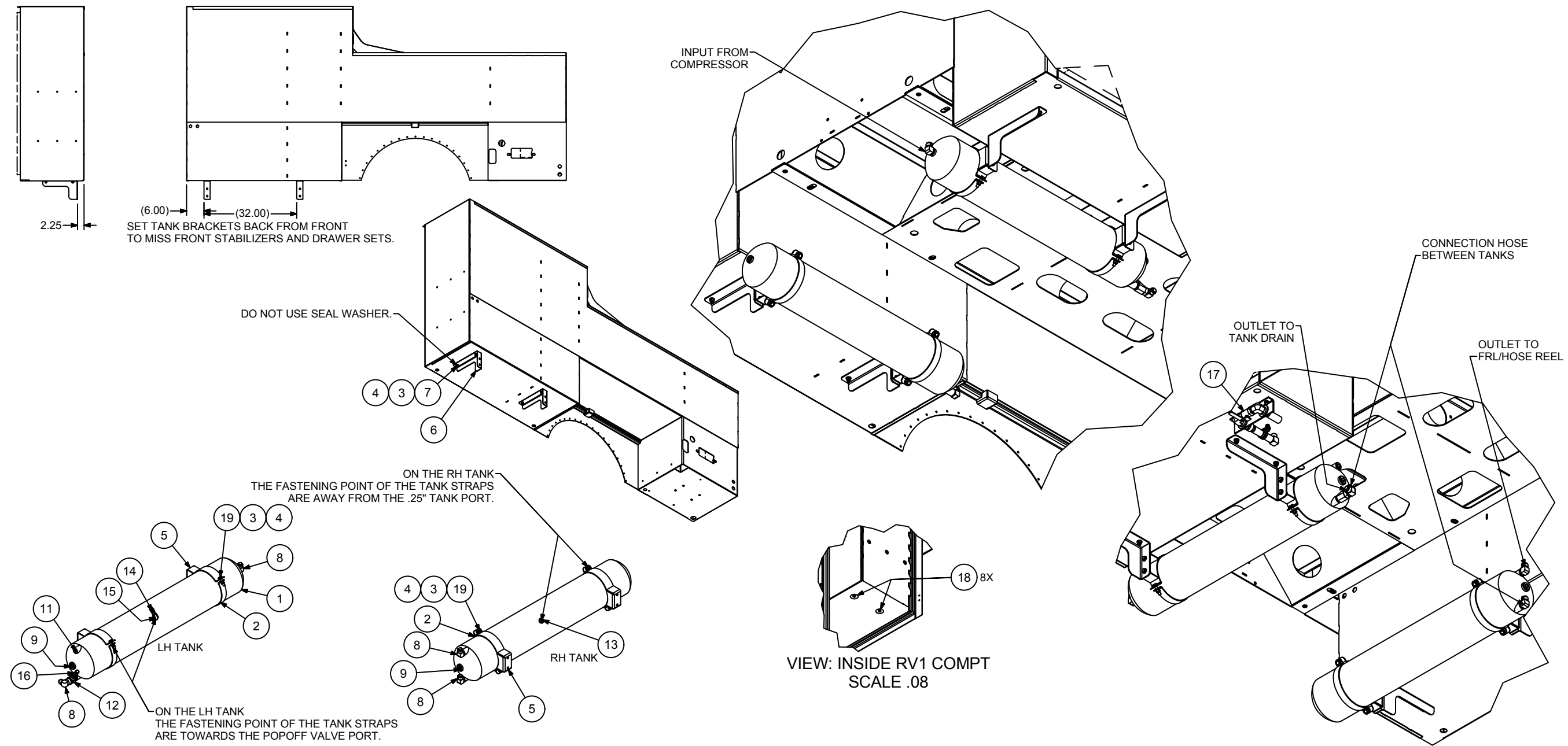
DCS - Air Tank, Top Deck, Installation (99906107)



99906107 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY
1.	70734759	AIR TANK 20 GAL WITH BRACKETS	1
2.	52726910	FRAME-COMPR MTG CAS40P W-AIR LINE ROUTE	AR
3.	72063003	WASHER .38 FLAT	4
4.	72062103	NUT .38-16 HEX NYLOCK	4
5.	76392821	WASHER-BONDED .38 PLTD	4
6.	72060047	CAP SCR .38-16X 1.25 HH GR5 Z	4
7.	72533592	NIPPLE-BARB BRS .50MPT/90/.75	1
8.	72534819	ELBOW-BRS .75MPT/90/.75 NIPPLE BARB	3
9.	72532260	REDUCER BUSH-STL 1.50- .75	2
10.	72532661	PLUG-PIPE SOC HEX STL .50	3
11.	73054032	VALVE-PRESSURE RELIEF .25 200 PSI	1
12.	51709358	DRAIN ASM-AIR TANK UNDER DECK	1
13.	CAS80R	CAS80R	1
14.	52727024	FRAME-COMPR MTG CAS80R W-AIR LINE ROUTE	AR
REV. INITIAL RELEASE			

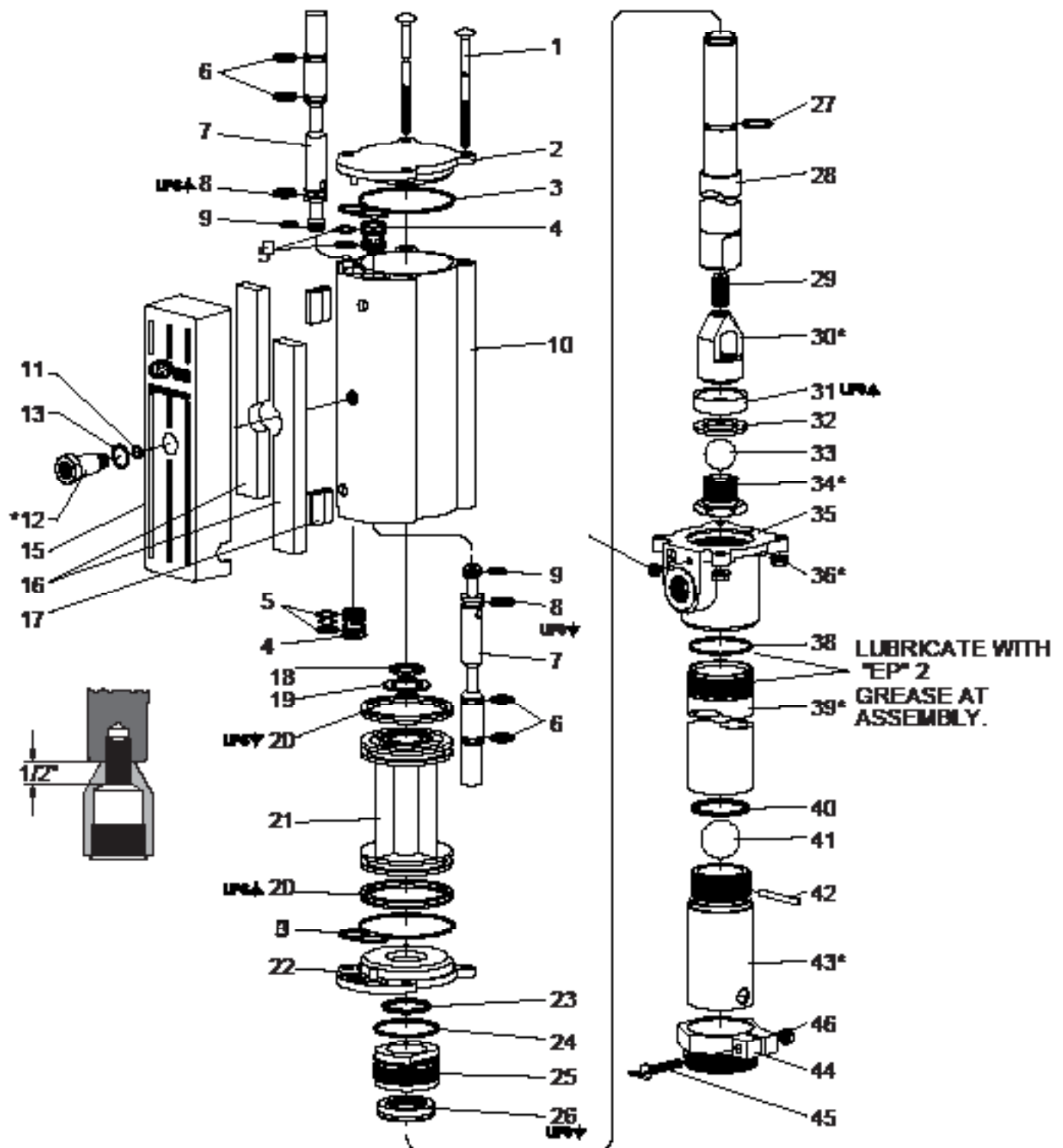
DCS - 2017-Ford, Air Tank Installation (99906094)



99906094 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	70733666	TANK-AIR 10 GAL 8INX48IN(HOTDOG) W/BTM	2
2.	60140190	STRAP-AIR TANK 10 GAL	4
3.	72063003	WASHER .38 FLAT	40
4.	72062103	NUT .38-16 HEX NYLOCK	24
5.	52726968	BRACKET-WLDMT AIR TANK 10 GAL HOTDG 2017	4
6.	60144495	BRACKET-AIR TANK 10 GAL HOTDOG 2015	4
7.	72060046	CAP SCR .38-16X 1.00 HH GR5 Z	16
8.	72534819	NIPPLE-BARB BRS .75MPT/90/.75	4
9.	72053406	PLUG-PIPE SOC HD GLV 1.00	2
10.	72661657	CLAMP-HOSE .75 STEPLESS EAR	4
11.	72053405	PLUG-PIPE SOC HD GLV .75	2
12.	72534403	TEE-STREET STL 0.75	1
13.	72053402	PLUG-PIPE SOC HD GLV .25	1
14.	73054032	VALVE-PRESSURE RELIEF .25 200 PSI	1
15.	72532974	ELBOW-STREET BRS .25 X 90 SHORT	1
16.	72053458	NIPPLE-BARB BRS .75MPT .75	1
17.	51709358	DRAIN ASM-AIR TANK UNDER DECK	1
18.	72063323	WASHER .38X2.00 OD ZINC	8
19.	72060049	CAP SCR .38-16X 1.75 HH GR5 Z	8
REV. A			

DCS - Oil Pump (70733533)



70733533 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.		CARRIAGE BOLT, 1/4-20 X 9	4
2.		UPPER CAP	1
3.	PART OF 47	GASKET	2
4.		SLEEVE	2
5.	PART OF 47	O-RING, 1/16" X 11/16" OD	4
6.	PART OF 47	O-RING, 1/8" X 3/4" OD	4
7.		SPOOL	2
8.	PART OF 47	U-CUP, 1/8" X 3/4" OD	2
9.	PART OF 47	O-RING, .106 X .587" OD	2
10.		CYLINDER	1
11.		O-RING, 1/16" X 7/16" OD	1
12.		ADAPTER	1
13.	PART OF 47	O-RING, 1/16" X 3/4"	1
15.		MUFFLER HOUSING	1
16.		FOAM LINER	2
17.		EDGE TRIM	2
18.		RETAINING RING	1
19.		WASHER	1
20.	PART OF 47	U-CUP, 3/16" X 3" OD	2
21.		PISTON	1
22.		LOWER CAP	1
23.	PART OF 47	O-RING, 1/8" X 1-9/16" OD	1
24.	PART OF 47	O-RING, 3/32" X 2-1/8" OD	1
25.		BUSHING	1
26.	PART OF 47	PACKING, 3/8" X 1-13/16" OD	1
27.	PART OF 47	O-RING, 3/32" X 1" OD	1
28.		PISTON ROD	1
29.		ROD	1
30.		CUP FOLLOWER	1
31.	PART OF 47	PISTON CUP	1
32.		WASHER	1
33.		BALL	1
34.		INNER CHECK SEAT	1
35.		BASE	1
36.		NUT, 1/4" - 20	4
37.		GROUND SCREW, #10 -32X1/4"	1
38.	PART OF 47	GASKET	1
39.		TUBE	1
40.	PART OF 47	O-RING, 1/8" X 1-7/8" OD	1
41.		BALL	1
42.		BALL STOP PIN	1
43.		FOOT VALVE SEAT	1
44.		BUNG ASSEMBLY	1
45.		THUMB SCREW, 1/4"-20 X 1-1/2"	1

70733533 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
46.		NUT, 1/4"-20	1
47.	73734196	REPAIR KIT	REF
REV. INITIAL RELEASE			

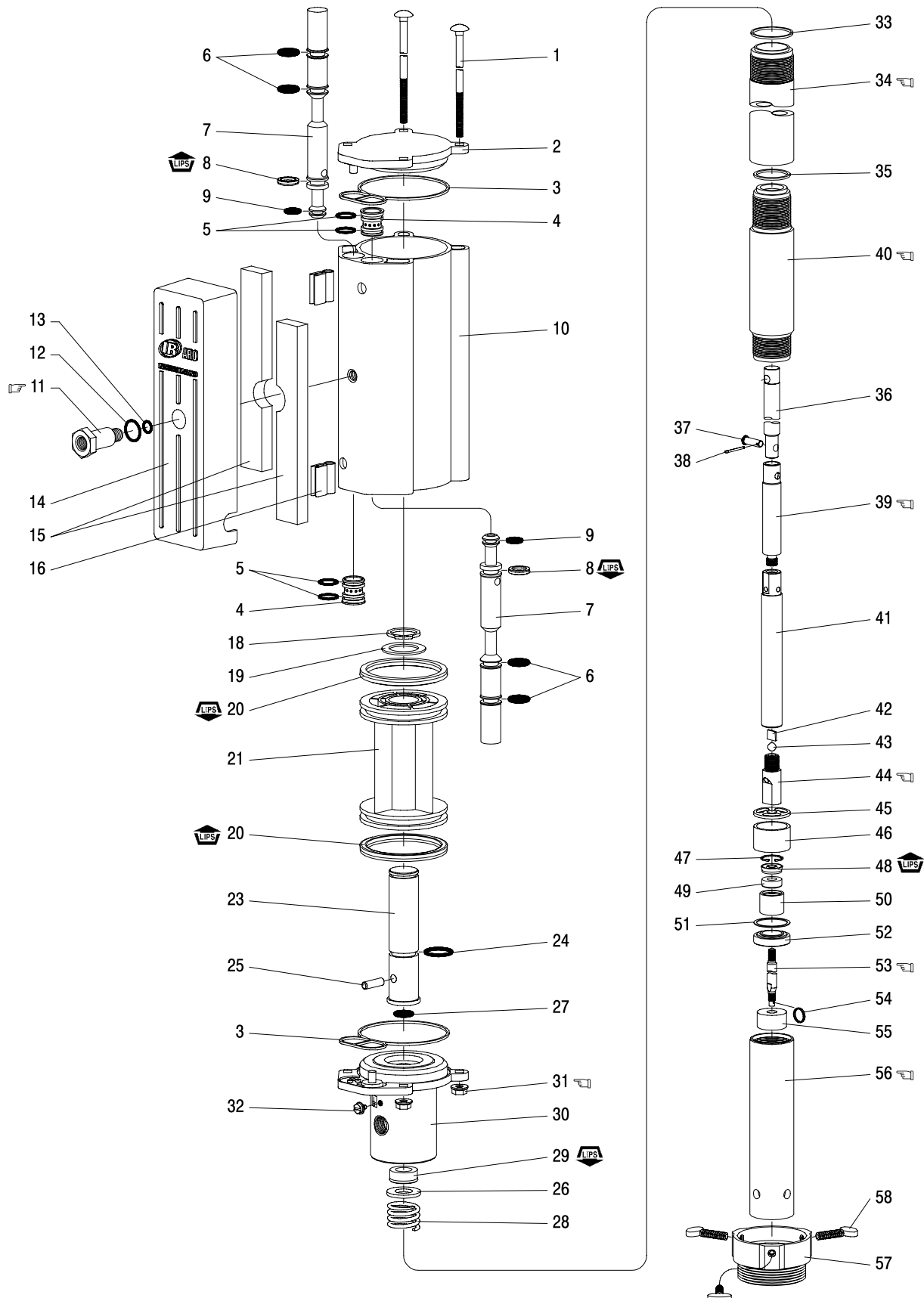
ITEM NO.	TORQUE
12	80 IN-LB MAXIMUM
36	80 IN-LB MINIMUM
30, 34	65 FT-LB MINIMUM
39, 43	140 FT-LB MINIMUM

NOTE: Items shown are common service items, for part numbers not assigned contact:

**IOWA MOLD TOOLING CO., INC.
TECHNICAL SUPPORT TEAM
TELEPHONE: 800-554-4421**

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DCS - Grease Pump Assembly (70733534)



70733534 PARS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.		CARRIAGE BOLT, 1/4-20 X 9	4
2.		UPPER CAP	1
3.	PART OF 59	TRACK GASKET	2
4.		SLEEVE	2
5.	PART OF 59	O-RING, 1/16 X 11/16	4
6.	PART OF 59	O-RING, 1/8 X 3/4	4
7.		SPOOL	2
8.	PART OF 59	U-CUP, 1/8 X 3/4	2
9.	PART OF 59	O-RING, 0.106 X 0.587	2
10.		CYLINDER	1
11.		ADAPTER	1
12.		O-RING, 1/16 X 3/4	1
13.		O-RING, 1/16 X 7/16	1
14.		MUFFLER HOUSING	1
15.		FOAM LINER	2
16.		EDGE TRIM	2
18.		RETAINING RING	1
19.		WASHER	1
20.	PART OF 59	U-CUP, 3/16 X 3	2
21.		PISTON	1
23.		PISTON ADAPTER	1
24.	PART OF 59	O-RING, 3/32 X 1	1
25.		DOWEL PIN, 1/4 X 7/8	1
26.		WASHER	1
27.	PART OF 59	O-RING, 3/32 X 11/16	1
28.		SPRING	1
29.	PART OF 59	ROD SEAL	1
30.		BASE	1
31.		NUT, 1/4-20	4
32.		GROUND SCREW, #10-32 X 1/4	1
33.	PART OF 59	GASKET	1
34.		EXTENSION TUBE	1
35.	PART OF 59	GASKET	1
36.		PISTON ROD	1
37.		PIN	1
38.	PART OF 59	COTTER PIN, 1/16 X 1/2	1
39.		CONNECTOR	1
PISTON & TUBE ASSEMBLIES			
40.		LOWER SUCTION TUBE	1
41.		PLUNGER	1
42.		BALL STOP	1
43.		BALL	1
44.		ADAPTER	1
45.	PART OF 59	GUIDE WASHER	1

70733534 PARS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
46.		SPACER	1
47.		RETAINING RING, 0.763" OD	1
48.		U-CUP, 3/16 X 11/16	1
49.		GUIDE SPACER	1
50.		VALVE BODY	1
FOOT ASSEMBLY (INCL 47-50)			
51.	PART OF 59	GASKET	1
52.		VALVE SEAT	1
53.		PRIMER ROD	1
54.		RETAINING RING	1
55.		PRIMER	1
56.		PRIMER TUBE	1
57.		BUNG ASSEMBLY (INCL 58)	1
58.		THUMB SCREW (1/4-20 X 1)	3
59.	73734201	REPAIR KIT (INCLUDES 3,5,6,8,9,12,13,20,24,27,29,33,35,38,45,51,54)	1
REV. INITIAL RELEASE			

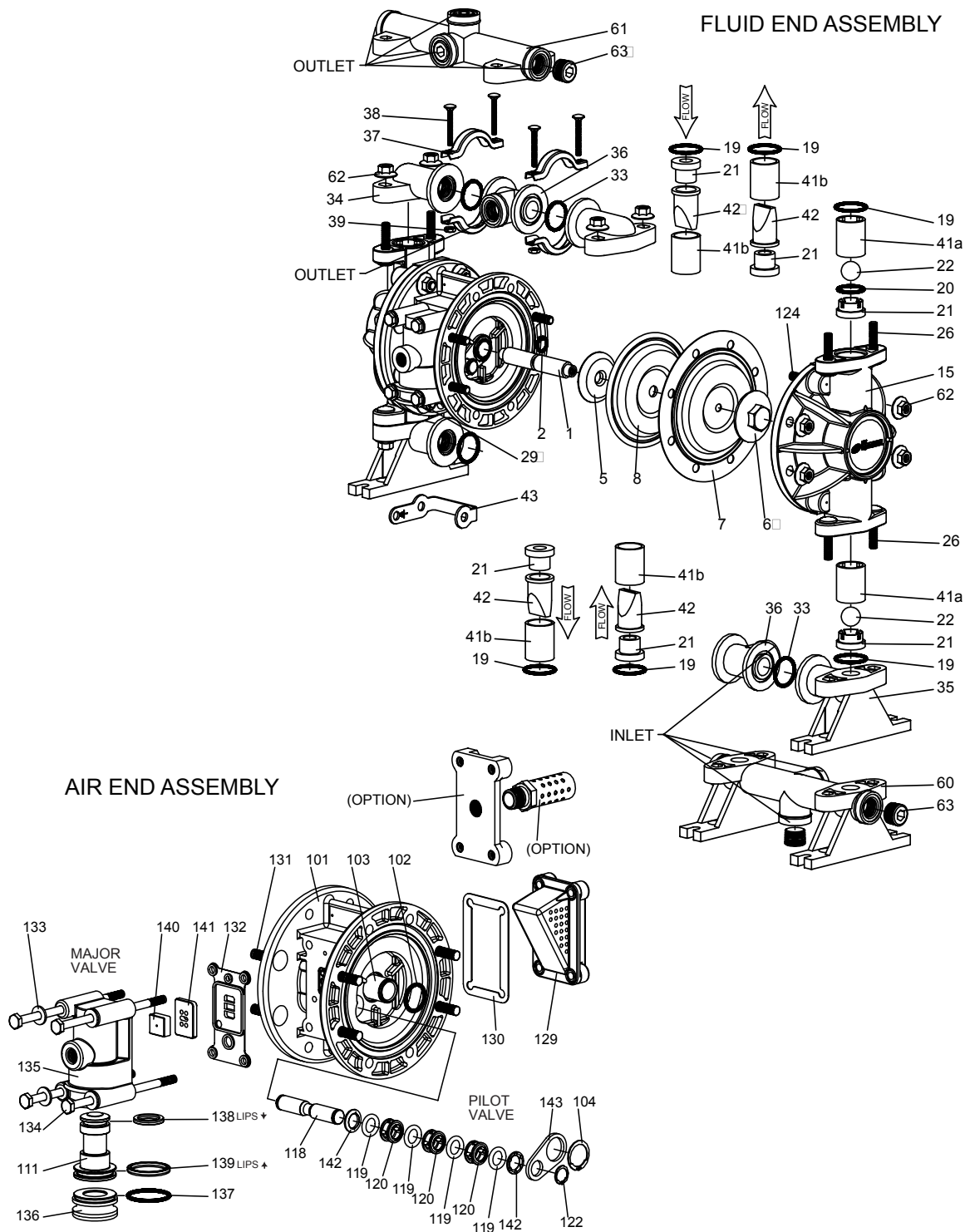
ITEM NO.	TORQUE
11	80 IN-LB MAXIMUM
31	80 IN-LB MINIMUM
34, 40, 56	65 FT-LB MINIMUM
39	17 - 25 FT-LB
44	50 - 70 FT-LB
53	70 - 100 FT-LB

NOTE: Items shown are common service items, for part numbers not assigned contact:

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DCS - Salvage Pump Assembly (70733535)



70733535 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	73734204	ROD	1
2.	PART OF 64	O-RING, 3/32 X 5/8	1
5.		WASHER	2
6.	73734205	DIAPHRAGM NUT, 5/16-18	2
7.	PART OF 64	DIAPHRAGM	2
15.		FLUID CAP (INCL 26,124)	2
19.	PART OF 64	O-RING, 1-5/16" OD	4
20.	PART OF 64	O-RING, 1-1/8" OD	2
21.		SEAT	4
22.	PART OF 64	BALL, 3/4" DIA	4
26.		BOLT, 5/16-18 X 1-1/2	8
29.		NUT, 5/16-18	2
33.		O-RING, 1-3/16" OD	4
34.		MANIFOLD, OUTLET (TOP)	2
35.		MANIFOLD FOOT (BOTTOM)	2
36.		SWIVEL	2
37.		CLAMP	8
38.		BOLT, #10-24 X 1-1/2	8
39.		NUT, #10 - 24	8
41A.		BALLCAGE	4
41B.		SLEEVE	4
42.		DUCKBILL	4
43.		GROUND STRAP	1
57.		GROUND KIT ASSEMBLY	1
60.		MANIFOLD, INLET (BOTTOM)	1
61.		MANIFOLD, OUTLET (TOP)	1
62.		FLANGE NUT, 5/16-18	24
63.		PLUG, 1/2-14 NPT	6
64.	73734202	FLUID SECTION SERVICE KIT (INCL 2, 7, 19, 20, 22, 33)	
65.	73734203	AIR SECTION REPAIR KIT (INCL. 102,119,122,130,137-141)	
101.		MOTOR BODY	1
102.	PART OF 65	O-RING, 3/32 X 1	2
103.	73734209	SLEEVE	1
104.	73734210	SNAP RING, 13/16"	2
111.		SPOOL	1
118.		PILOT ROD	1
119.	PART OF 65	O-RING, 1/8 X 3/4	4
120.	73734211	SPACER	3
122.	PART OF 65	SNAP RING, 1/2"	2
124.		STUD, 5/16-18 X1-17/32	8
129.		MUFFLER ASM	1
130.	PART OF 65	GASKET	1
131.		BOLT, 5/16-18 X 1-1/4	8
132.		GASKET	1
133.		WASHER, 9/32" ID	4

70733535 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
134.		BOLT, 1/4-20 X 5	4
135.		VALVE BLOCK	1
136.		PLUG	1
137.	PART OF 65	O-RING, 3/32X1-1/2"	1
138.	PART OF 65	PACKING, U-CUP (1/8 X 1)	1
139.	PART OF 65	PACKING, U-CUP (1/8 X 1.427)	1
140.	PART OF 65	VALVE INSERT	1
141.	PART OF 65	VALVE PLATE	1
142.		WASHER	2
143.		PLATE	2
201.		MUFFLER	
REV. INITIAL RELEASE			

FLUID END TORQUE REQUIREMENTS		AIR END TORQUE REQUIREMENTS	
ITEM NO.	TORQUE	ITEM NO.	TORQUE
6.	95 - 105 in-lb	134.	Torque to 15-20 in-lb, wait 10 minutes, then re-torque to 15-20 in-lb.
29. & 62.	50 - 60 in-lb alternately and evenly, then re-torque after initial run.		
39.	20 - 25 in-lb, then re-torque		
63.	25 in-lb maximum		

NOTE: Items shown are common service items, for part numbers not assigned contact:

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DCS - Hose Reel Parts



TYPICAL HOSE REEL ASSEMBLY:

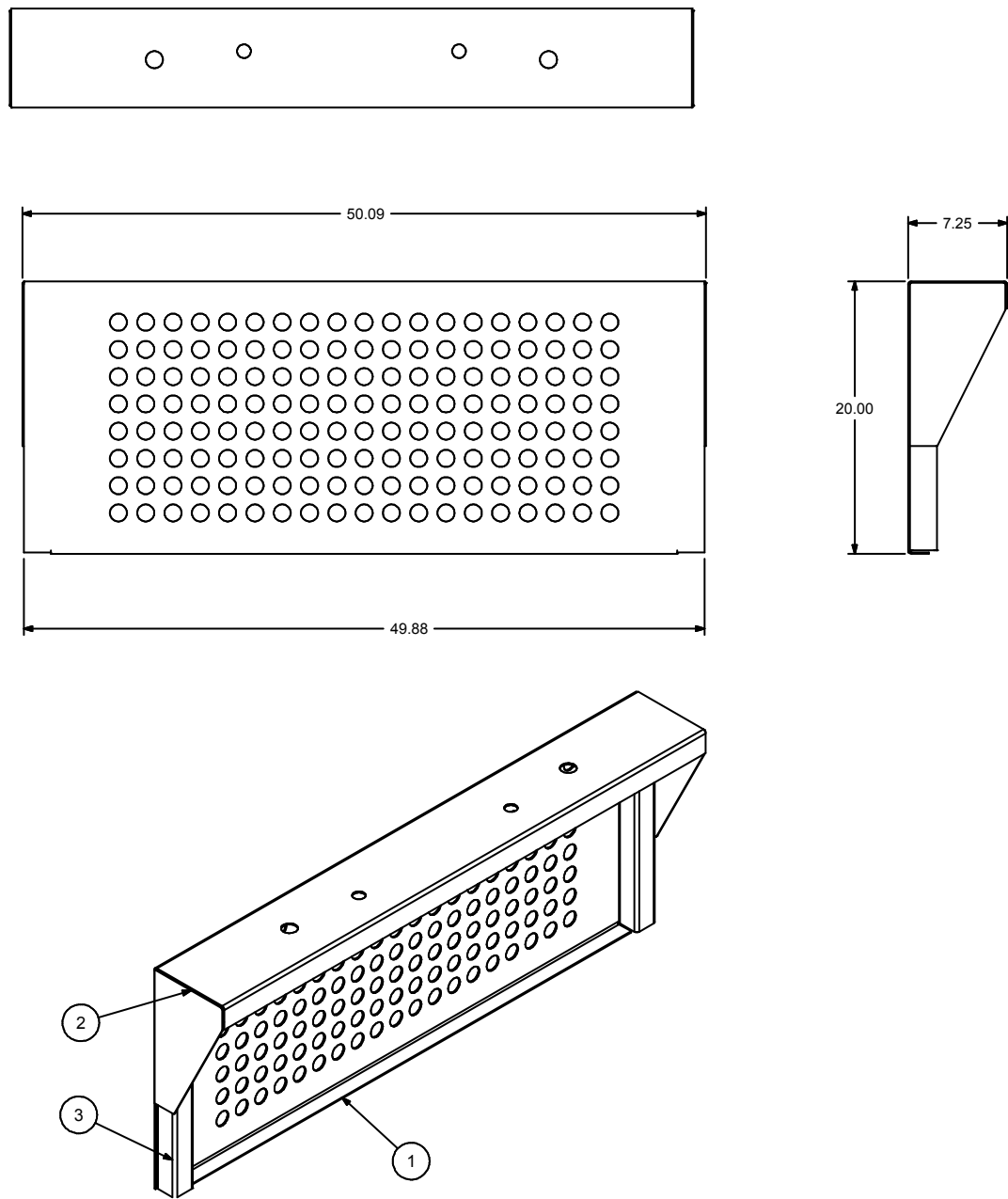
IMT REEL NO.	PRODUCT	DRIVE SPRING	SWIVEL	SEAL KIT	HOSE SIZE
70733522	OXY / ACT	70734206	73734207	73734208	N/A
70733523	Salvage	73734215	73734216	73734217	.75" X 25'
70733524	Oil	73734212	73734213	73734214	.38" X 30'
70733525	Grease	73734218	73734219	Not repairable, must replace.	.38" X 25'
70733526	Air	73734220	73734221	Not repairable, must replace.	.38" X 35'

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Electrical & Lighting

Section 4

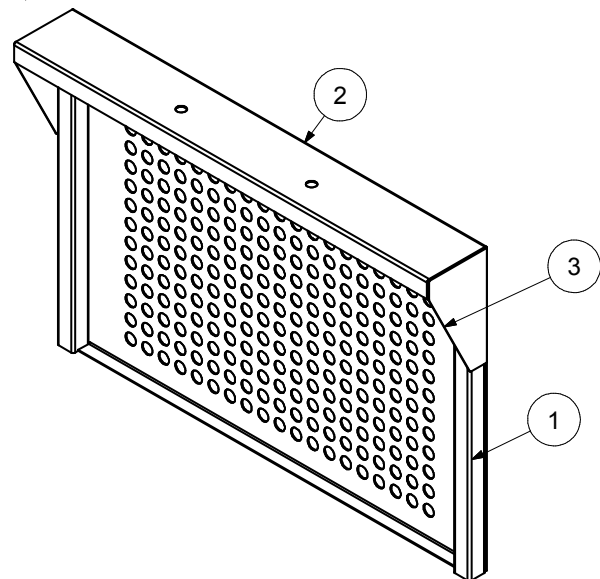
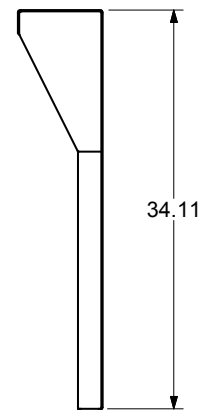
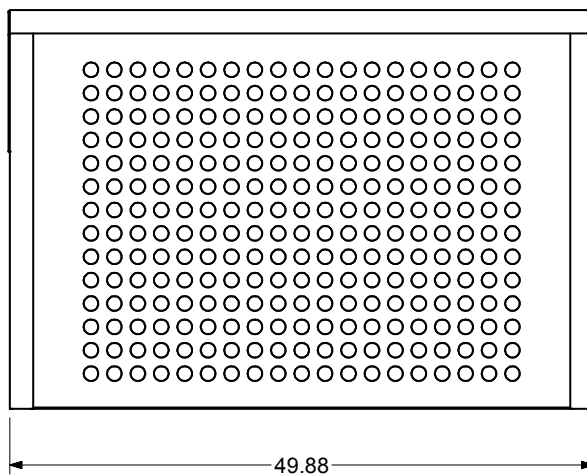
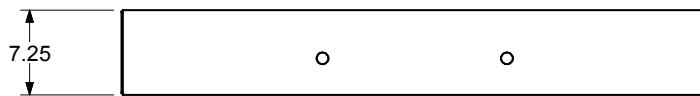
DCS - Light Bar (52722372)



NOTES: Light bar typically used for F350, F550, and Ram 48" cab height.

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	60134526	BRACKET-MTG PLATE LIGHT BAR 20H	1
2.	60133964	GUSSET-LIGHT BAR	2
3.	60116163	TUBE-SQ 2.00 X 2.00 X.12 X 19.62	2
REV. A			

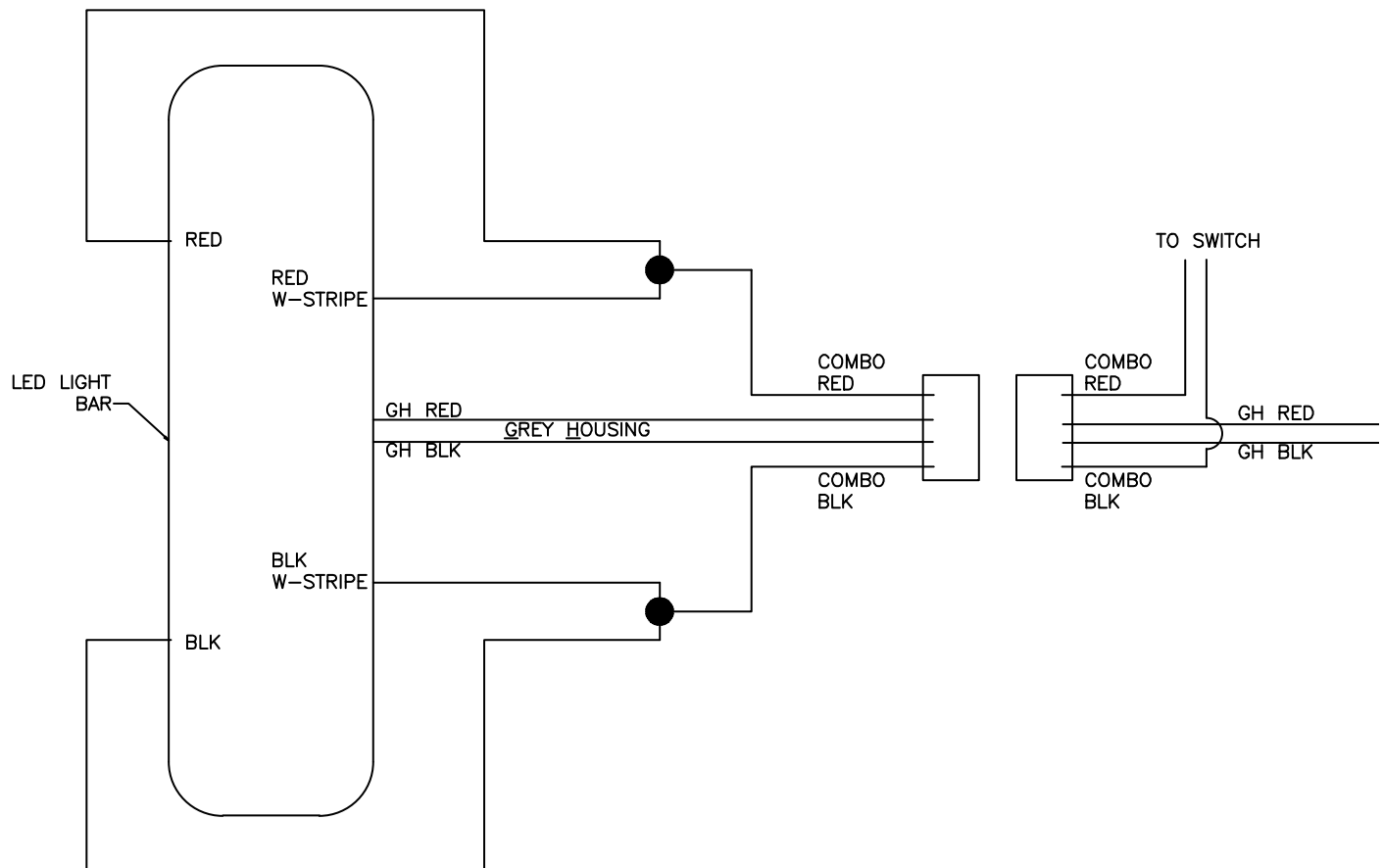
DCS - Light Bar (52722120)



NOTES: Light bar typically used for F650 & F750 60" cab height..

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	60119709	TUBE-SQ 2.00X 2.00X.12X 34.00	2
2.	60133963	BRACKET-MTG PLATE LIGHT BAR	1
3.	60133964	GUSSET-LIGHT BAR	2
REV. A			

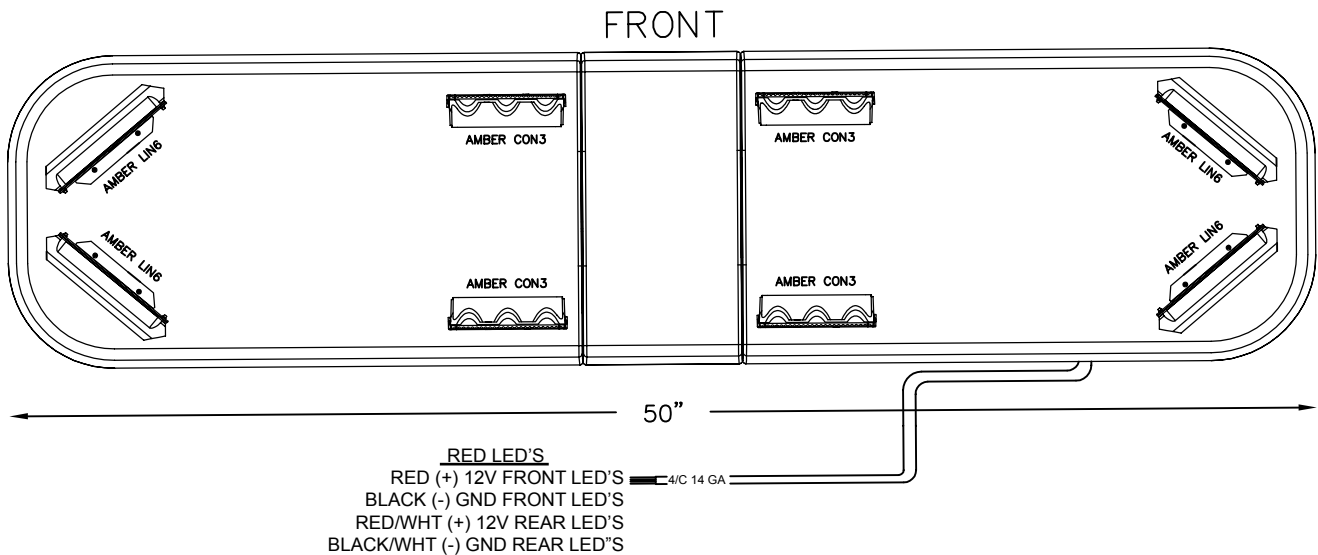
DCS - 47" Light Bar (99905216)



NOTES:

1. Route to area next to switch. Seal wire ends. Do not connect these wire ends.
2. Add 4-pin connector behind cab and between chassis frame rails.
3. If light bar must be cycled to achieve desired light pattern, this is accessed under the cover of the light module.

DCS - 52" Light Bar (77441474)



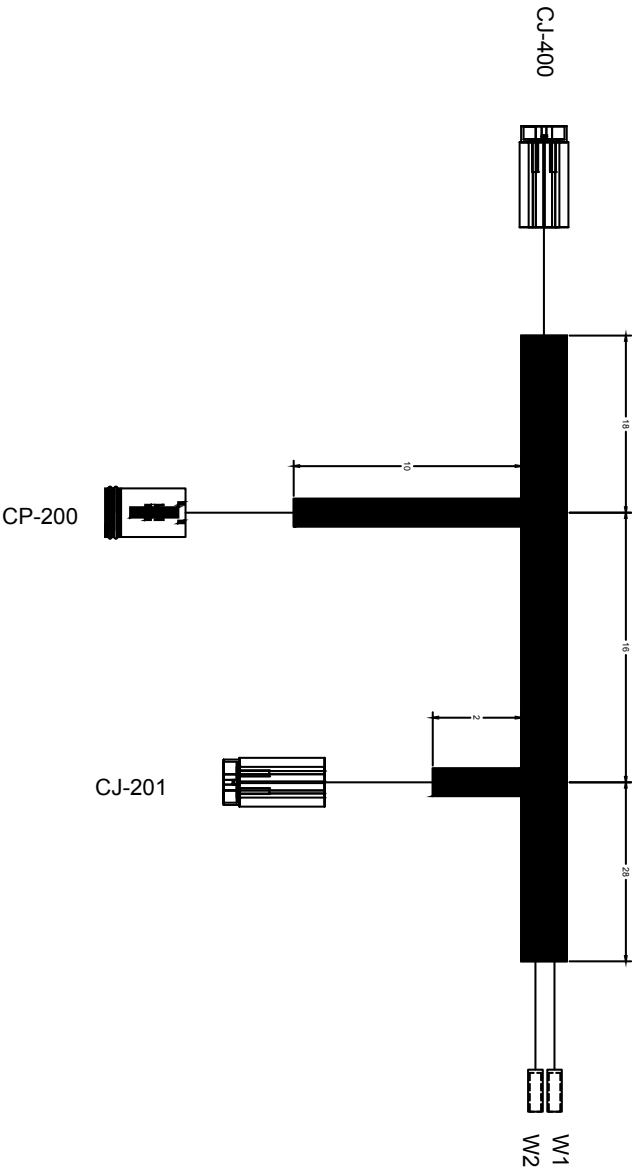
SPECS

INPUT VOLTAGE - 12.8VDC $\pm$ 20%
 LIGHT BAR CURRENT - 6 AMPS (PEAK)
 CON3 CURRENT - 0.5 AMPS (EACH)
 LIN6 CURRENT - 1 AMP (EACH)

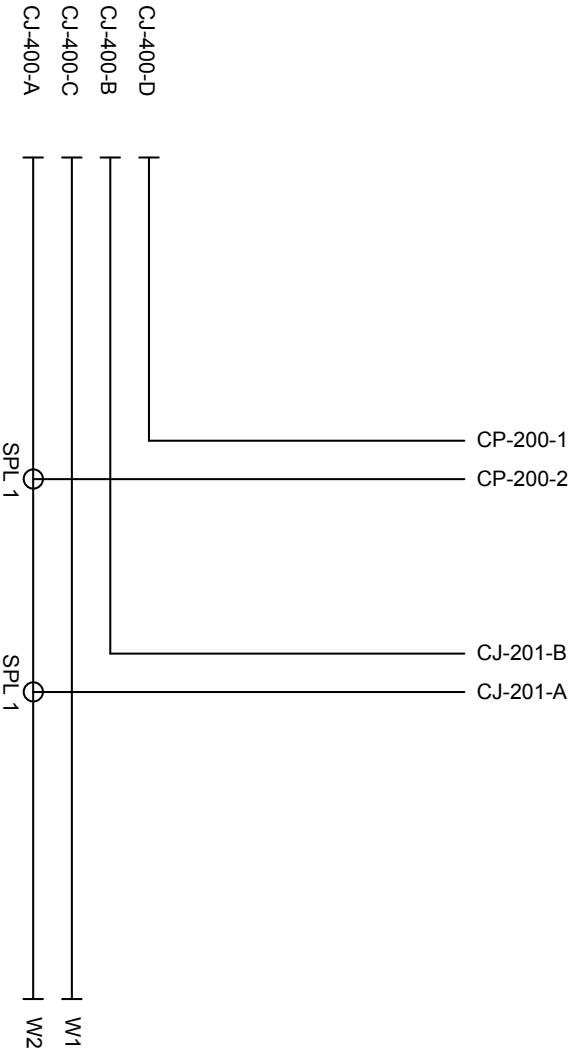
NOTES:

1. The above light bar configuration comes standard with clear domes and MK9S slide bolt mount kit.
2. To add rear work lights, include model JHCTSL1.
3. IMT part number 77441510 is the 17" light bar.
4. IMT part number 77441474 is shown 50".

DCS - Harness, 11' Frt Jumper LED (77441618)

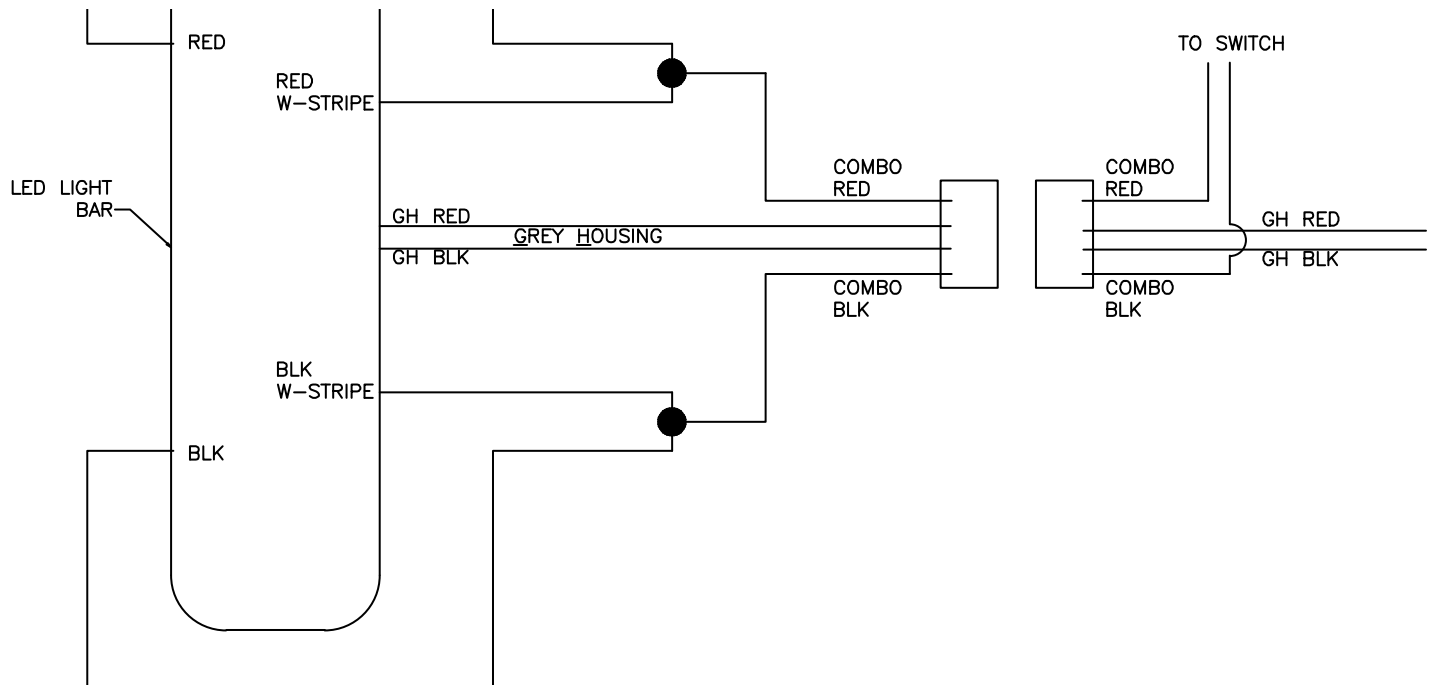


Wiring Harness



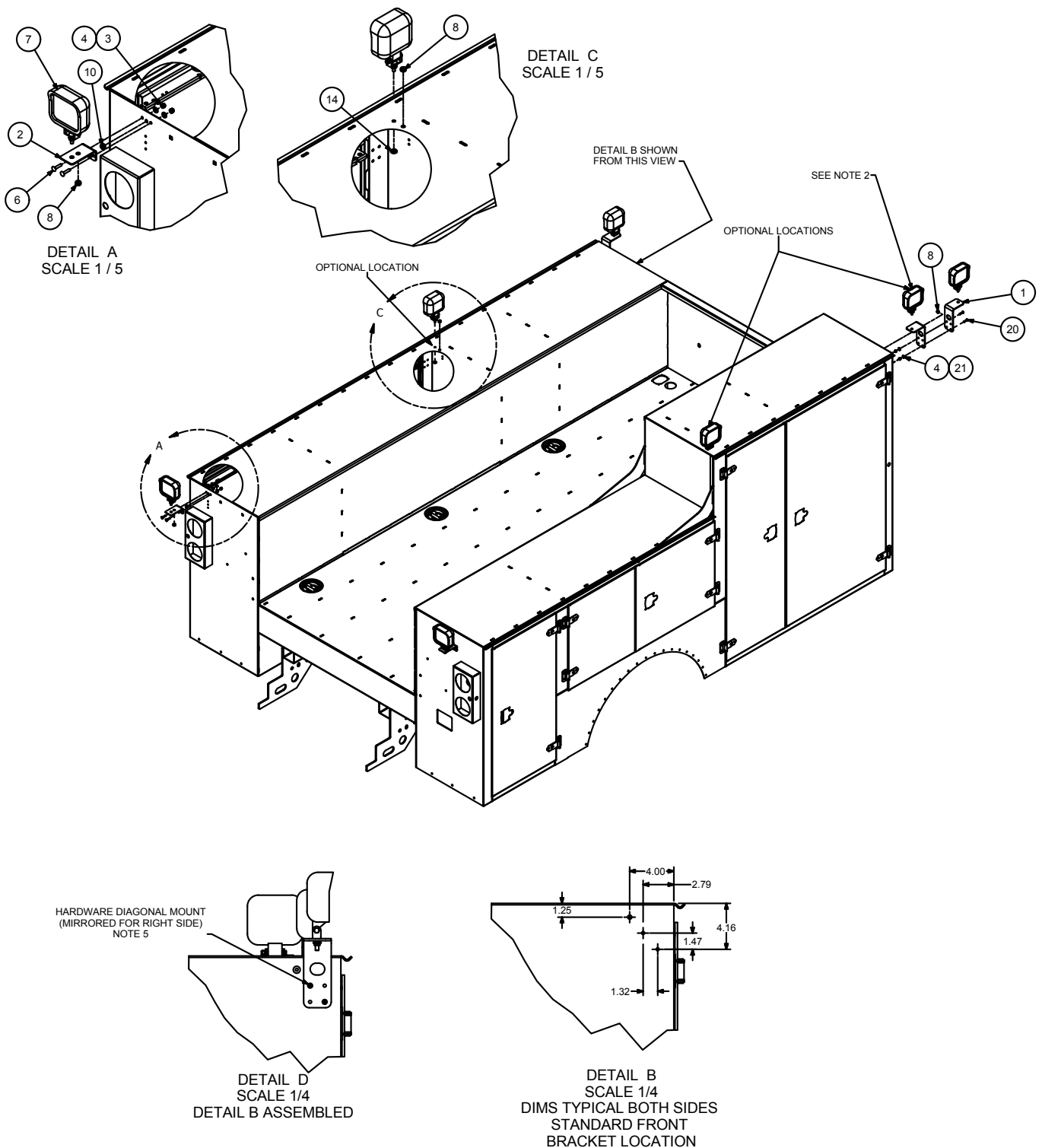
Wiring Schematic

DCS - Strobe Light Bar (77441510)



NOTE: Use with IMT part number 77441474, 47" Light bar.

DCS - Flood Light Installation (99906020)



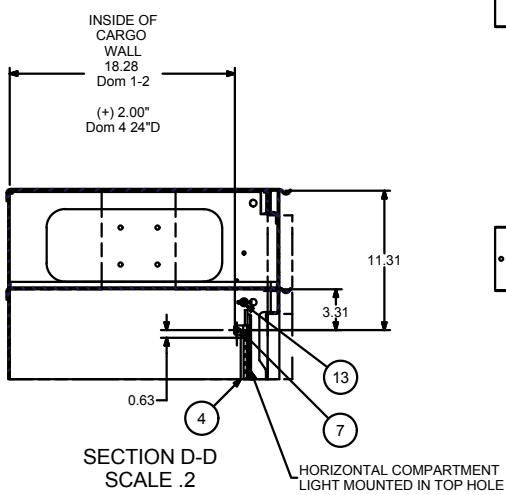
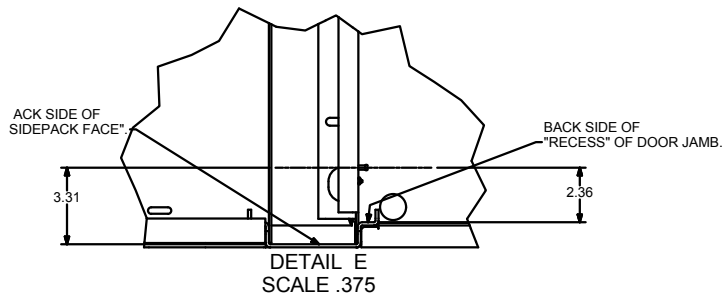
99906020 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	FRONT MOUNT 51727132	MID-MOUNT 51726756	REAR MOUNT 51726761	FLOOD LIGHT PROPANE 51726775
1.	60144533	BRACKET-FLOODLIGHT 12V FRONT W-P-P MSTR	2			
2.	60139526	BRACKET-FLOODLIGHT 12V REAR SP			2	1
3.	72062194	NUT .25-20 HEX SS 18-8 NYLOCK	4	4		2
4.	76392820	WASHER-BONDED .25 PLTD	4		4	2
5.	72602140	SCR-MACH .25-20X 1.00 BTNHD HEX SS	4			
6.	72602097	BOLT-CRG .25-18X 1.00 SQNK SS			4	2
7.	77040581	FLOODLIGHT-LED 12- 36VDC	2	2	2	2
8.	76399341	GROMMET-RUBBER .25IDX .44PHDX .19PTHK	4	2		1
9.	76399342	GROMMET-RUBBER .25IDX .44PHDX .25PTHK			1	
10.	76399343	GROMMET-RUBBER .25IDX .38PHDX .05PTHK			1	1
11.	77044574	CONN-PKRD WEATHERPACK 2 CAV FEMALE/TOWER	2	2	2	1
12.	77044927	CABLE SEAL-PKRD WP/ MP 14 GA GREY	4	4	4	2
13.	77045888	TERM-PKRD WEATHERPACK 14-16GA FEMALE	4	4	4	2
14.	76392598	WASHER-BONDED .31 PLTD		2		
REV. F						

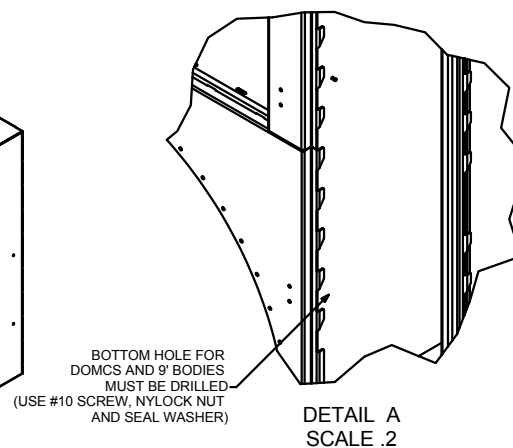
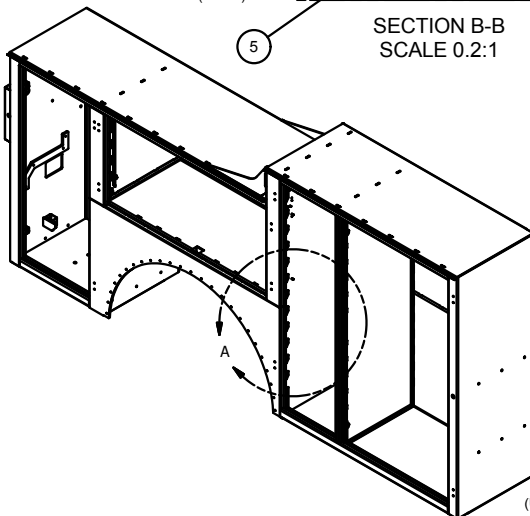
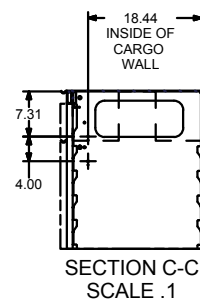
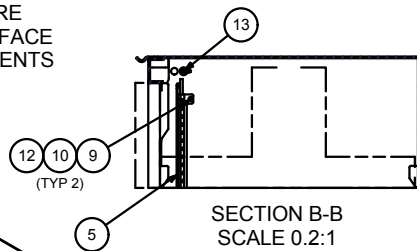
NOTES:

1. Locate mid-mount flood lights out of way of boom support.
2. Optional location for right front flood light dependent on exhaust clearance.
3. Crane compartment flood light grommet is item #10.
4. Terminate wires with #11, #12, #13, not polarity sensitive.
5. If Master Lock is present at front, all four mount holes are used.

DCS - Light Kit Installation (99905850)



ALL DIM'S ARE
TO INSIDE SURFACE
OF COMPARTMENTS

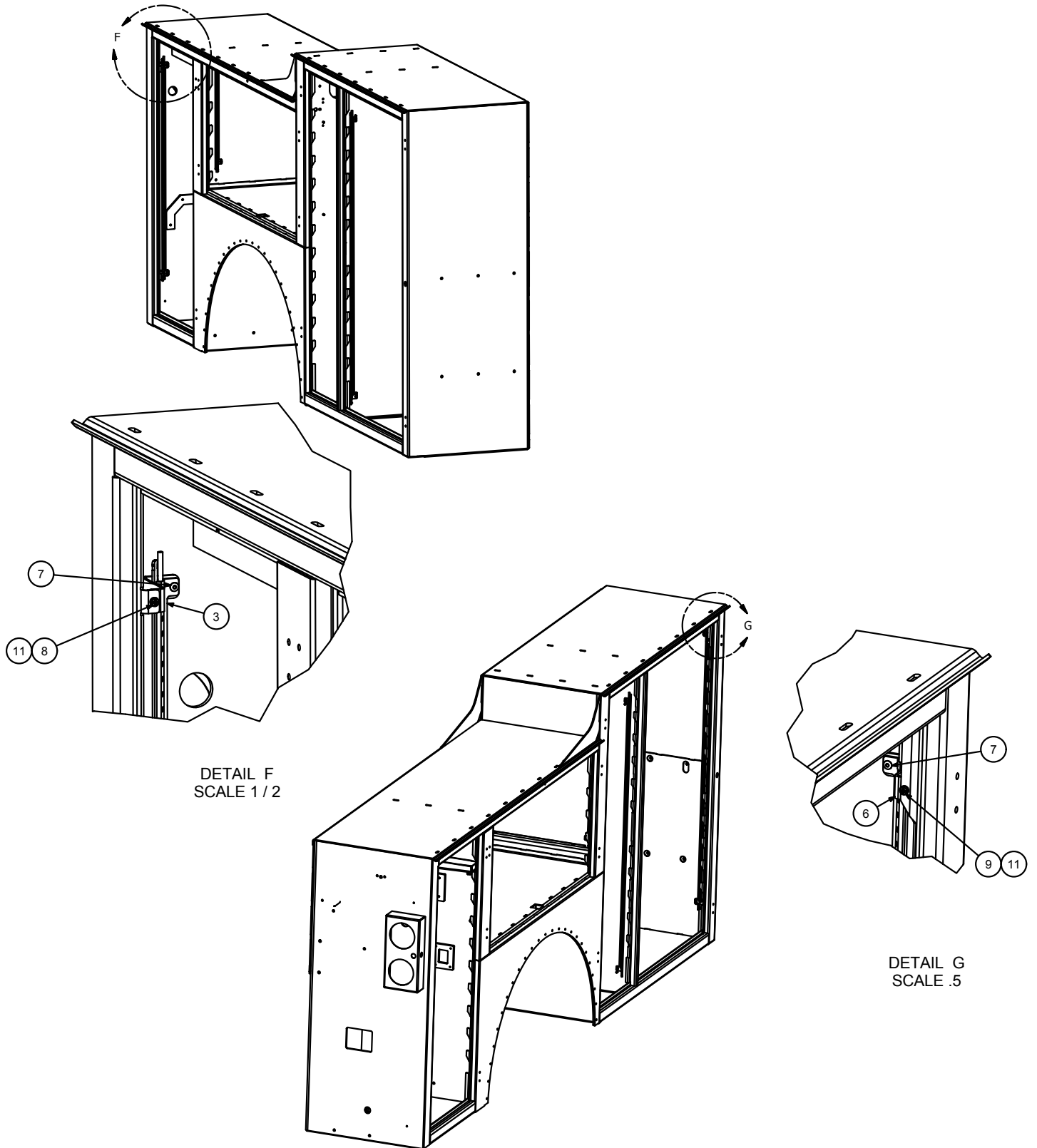


99905850 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	51726298	LIGHT ASM LED ADH 48 RH	A/R
2.	51726297	LIGHT ASM LED ADH 48 LH	A/R
3.	51726295	LIGHT ASM LED ADH 36 LH	A/R
4.	51726294	LIGHT ASM LED ADH 18 RH	A/R
5.	51726293	LIGHT ASM LED ADH 18 LH	A/R
7.	72661418	RIVET-POP AL .188 X .50 GRIP	A/R
9.	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	A/R
10.	72063000	WASHER .19 W FLAT ANSI B27.2Z	A/R
12.	72062106	NUT 10-24 HEX NYLOCK	A/R
13.	77045977	RETAINER-ZIP TIE FIR TREE MOUNT 30 LBS	A/R
REV. C			

LED LIGHT KIT: (99905850)

	18" LED LIGHT BAR RH 51726294	18" LED LIGHT BAR LH 51726293	36" LED LIGHT BAR RH 51726296	36" LED LIGHT BAR LH 51726295	48" LED LIGHT BAR RH 51726298	48" LED LIGHT BAR LH 51726297	TOTAL LIGHTS	LIGHT KIT NUMBER
DCS 11' STD. 52" H	2	2	3	2			9	51726752
CRANE COMP RH.				1			1	51726753
CRANE COMP LH			1				1	51726774
DCS-11' STD WITH RF RSD	2	2	2	1	1	1	9	51726973

99905850-1, LIGHT KIT INSTALLATION, (CONTINUED)

99905850-1 PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION	QTY.
3.	51726295	LIGHT ASM LED ADH 36 LH	A/R
6.	52726938	BRACKET-LIGHT LH-RH END PANELS W/NUT	A/R
7.	72661418	RIVET-POP AL .188 X .50 GRIP	A/R
8.	72060634	SCR-MACH #10-24X .50 RDH	A/R
9.	72060636	SCR-MACH #10-24X .75 RDH PH ZINC	A/R
11.	72063047	WASHER #10 LOCK	A/R
REV. C			

DCS - Protective Sleeve Installation (70034573)

Please follow the instructions and illustrations below on how to install the protective sleeve on AMG fuse holders that are not fastened to the chassis or body with metal fasteners.



Step 1: Place the protective sleeve under the fuse holder, centering the holder with the protective sleeve.



Step 2: Securely wrap the two ends of the protective sleeve together making sure velcro is sealed on the top side of the front jump start plug holder.



Step 3: Securely zip tie both ends of the protective sleeve.

WARNING

For trucks without a battery disconnect switch, to prevent accidental vehicle start-up, which could cause death or serious injury, disconnect battery cables (negative cable first) before proceeding. Disconnect negative (-) battery cable first, if positive (+) cable should contact ground with negative (-) cable connected, the resulting sparks can cause a battery explosion, which could result in death or serious injury.

AMG FUSE HOLDERS REQUIRING PROTECTIVE SLEEVE

PART NO.	DESCRIPTION
77041593	FUSE HOLDER-AMG 1 POS W-COVER HMG-221
77441116	FUSE HOLDER-AMG 1 POS W-COVER FMG-211
77040714	FUSE HOLDER-AMG AND MEGA 500 AMP W/COVER

WARNING

AVOID POSSIBLE FIRE!

Visually inspect and verify no other fuse holder posts are coming in contact with the chassis.

The contact of the fuse to the hood may leave a black mark from the rubber cover or damage the hood material if the bare stud contacts the hood.

Failure to inspect and verify the fuse holder posts could result in a fire in the dash and under the hood of the chassis. A fire could result in serious injury or death.

SAFETY NOTICE

Use appropriate Personal Protective Equipment (PPE) as required by your company. Read and understand the following instructions found within this document prior to starting work on the chassis.

SAFETY NOTICE

Follow your company's Lock-Out/Tag-Out procedures to prevent the truck from being started or moved while performing work on this crane. If your company does not have a Lock-Out/Tag-Out procedure, follow OSHA 1910.147, Lock-Out/Tag-Out.

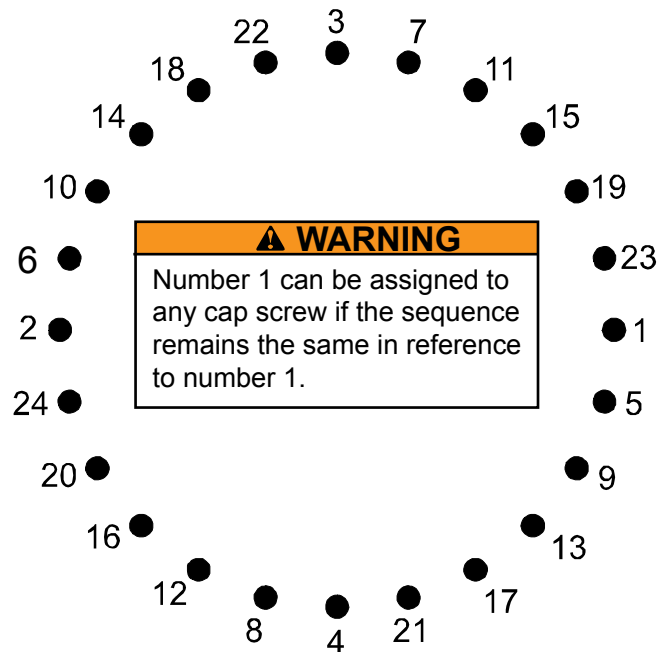
General Information

Section - 5

DCS - Decal Placement Kit (51716597)

PART NO.	DESCRIPTION	QTY.
99903896	DWG-DECAL LOCATION UNITED RENTAL 2006	1
70029119	PLACARD - SERIAL NUMBER	1
70392309	DECAL - DIESEL FUEL ONLY	1
70394442	DECAL - FILL CHECK EVACUATE	1
70392213	DECAL - CAUTION DON'T WASH / WAX	1
70392982	DECAL - SERVICE & REPAIR (GARNER)	1
70392453	DECAL - UNLEADED GASOLINE ONLY	2
70392840	DECAL - FLOOD LIGHT .44 x 1.25	1
70396864	DECAL - CPRSR CHOKE - UR 2006	1
70396008	DECAL - NOTICE: IGNITION SWITCH - U. R. DOM	1
70392387	DECAL - VEH CERT FINAL STG - SIMP YELLOW	1
70397078	DECAL - SHEET UNITED RENTALS	1
70396164	DECAL DANGER BREATHE - SEE NOTES	1
70397075	DECAL - HITCH RECEIVER 500V-5000P	1

DCS - Turntable Bearing Thread Tightening Sequence

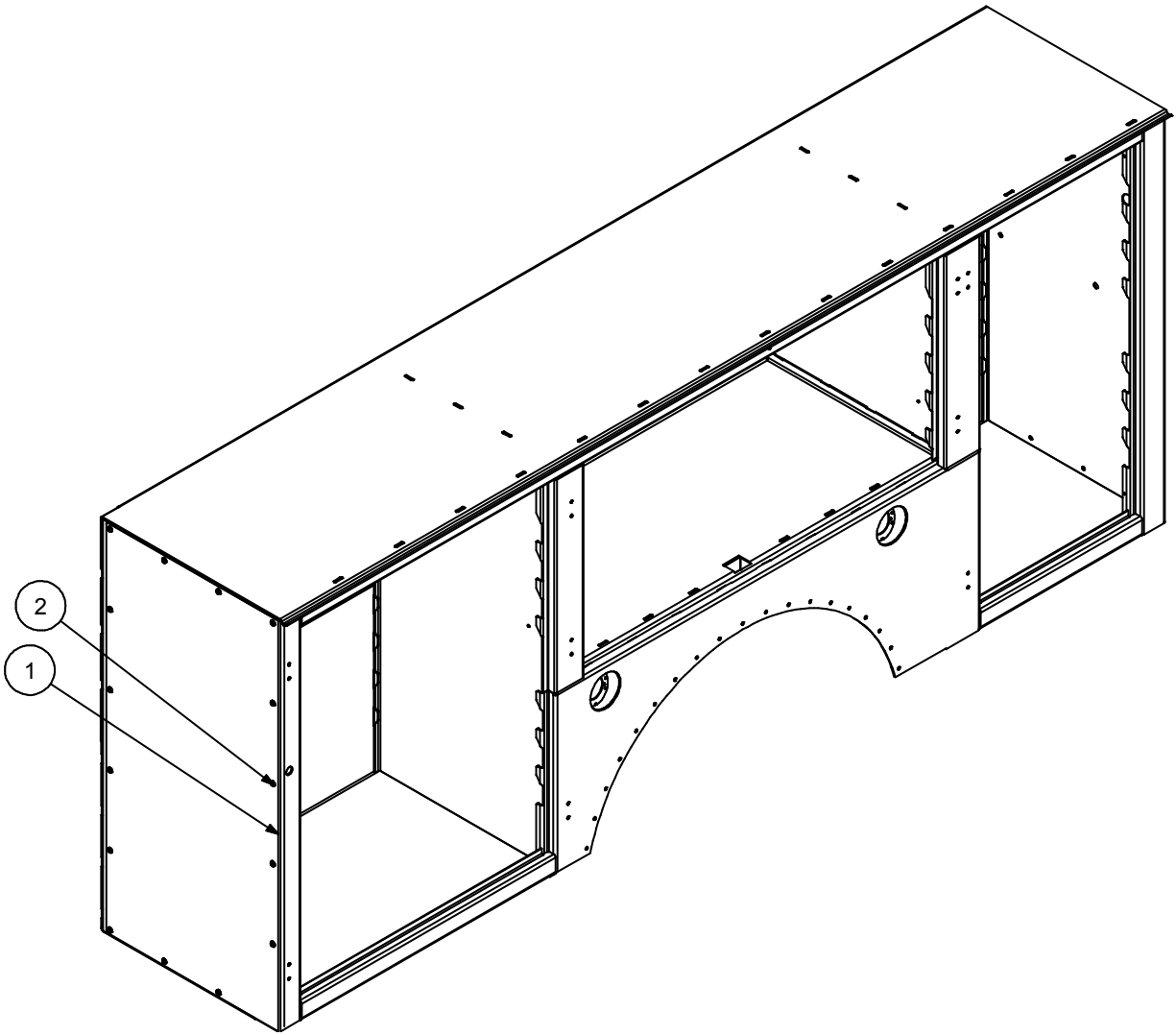


TIGHTENING PROCEDURE

1. Refer to the torque data chart to determine the proper torque value to apply to the size of cap screw used.
2. Follow the tightening sequence shown in the diagram. Note that the quantity of capscrews may differ from the diagram, but the sequence must follow the criss-cross pattern as shown in the diagram.
3. Torque all cap screws to approximately 40% of the specified torque value, by following the sequence.
 - (Example: .40 X 265 ft-lb = 106 ft-lb)
 - (Example-metric: .40 X 36 kg-m = 14.4 kg-m)
4. Repeat step 3, but torquing all cap screws to 75% of the specified torque value. Continue to follow the tightening sequence.
 - (Example: .75 X 265 ft-lb = 199 ft-lb)
 - (Example-metric: .75 X 36 kg-m = 27 kg-m)
5. Using the proper sequence, torque all cap screws to the listed torque value as determined from the torque data chart.

NOTES: Refer to the turntable bearing thread tightening diagram for proper tightening / torquing sequence of the turntable bearing to the crane base and crane mast. The total quantity of cap screws varies dependent on crane model.

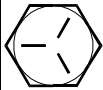
DCS - Rock Guards (99906298)

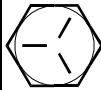
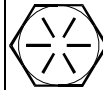


ITEM NO.	PART NO.	DESCRIPTION	QTY.
1.	60251811	GUARD-ROCK .06 ALUM DOM(II) 44H W-BEND	REF
2.	72661226	RIVET-AL .257 DIA X .38 GRIP	AR
REV. INITIAL RELEASE			

KIT NO.	PRODUCT	CONFIG	44"H SDPK 60251811	52"H SDPK 60251830	60"H SDPK 60251810	52"H SKPK- 24"D 60251844	60"H SDPK- 24"D 60251842
51724683	DSC 20, DOM 1	44"H	2				
51724684	DSC20, DOM 1	44"H 60"H	1		1		
51724685	DSC20, DOM1, DOM2, DOM3	60"H			2		
51724686	DOMCS, DOM2, DOM3	52"H		2			
51724687	DOMCS, DOM2, DOM3	52"H 60"H		1	1		
51724688	DOM4	52"H		1		1	
51724689	DOM4	52"H 60"H		1	2		1
51724690	DOM4	60"H					1
KIT NO.	PRODUCT	CONFIG	22" H UBTB 60251843		60"H COMPT 60251406		
51726574	WELDER DECK	22"H UBTB	2				
51726575	WELDER DECK	22"H UBTB 60"H	1		1		
51727392	WELDER DECK	60"H			2		

DCS - Thread Torque Chart

FINE THREAD BOLTS (ENGLISH)					
SIZE	BOLT DIA.	 GRADE 5 SAE J429 GRADE 5		 GRADE 8 SAE J429 GRADE 8	
(DIA-TPI)	(INCHES)	PLAIN	PLATED	PLAIN	PLATED
		(FT-LB)	(FT-LB)	(FT-LB)	(FT-LB)
5/16-24	0.3125	19	14	27	20
3/8-24	0.375	35	26	49	35
7/16-20	0.4375	55	41	78	58
1/2-20	0.5	90	64	120	90
9/16-18	0.5625	120	90	170	130
5/8-18	0.625	170	130	240	180
3/4-16	0.75	300	225	420	315
7/8-11	0.875	445	325	670	500
1-12	1	645	485	995	745
1 1/8-12	1.125	890	670	1445	1085
1 1/4-12	1.25	1240	930	2010	1510
1 3/8-12	1.375	1675	1255	2710	2035
1 1/2-12	1.5	2195	1645	3560	2670

COARSE THREAD BOLTS (ENGLISH)					
SIZE	BOLT DIA.	 GRADE 5 SAE J429 GRADE 5		 GRADE 8 SAE J429 GRADE 8	
(DIA-TPI)	(INCHES)	PLAIN	PLATED	PLAIN	PLATED
		(FT-LB)	(FT-LB)	(FT-LB)	(FT-LB)
5/16-18	0.3125	17	13	25	18
3/8-16	0.375	31	23	44	33
7/16-14	0.4375	49	37	70	52
1/2-13	0.5	75	57	105	80
9/16-12	0.5625	110	82	155	115
5/8-11	0.625	150	115	220	160
3/4-10	0.75	265	200	375	280
7/8-9	0.875	395	295	605	455
1-8	1	590	445	910	680
1 1/8-7	1.125	795	595	1290	965
1 1/4-7	1.25	1120	840	1815	1360
1 3/8-6	1.375	1470	1100	2380	1780
1 1/2-6	1.5	1950	1460	3160	2370

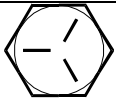
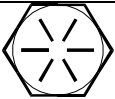
NOTES:

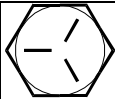
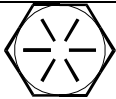
1. Tightening torques provided are mid-range.
2. Consult bolt manufacturer's specifications, when provided.
3. Use flat washers of equal strength.
4. All torque measurements are given in foot-pounds.
5. Torque values specified are for bolts with residual oils or no special lubricants applied. If special lubricants of high stress ability, such as never-seez compound graphite and oil, molybdenum disulfide, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of loctite does not affect the torque values listed above.

WARNING

Anytime a gear-bearing bolt is removed, it must be replaced with a new bolt of the identical grade and size. Once a bolt has been torqued to 75% of its proof load and then removed, the torque coefficient may no longer be the same as when the bolt was new thus giving indeterminate clamp loads after torqueing. Failure to replace gear-bearing bolts may result in bolt failure due to metal fatigue causing death or serious injury.

DCS - Thread Torque Chart (Metric)

FINE THREAD TORQUE CHART (METRIC)					
TIGHTENING TORQUE					
SIZE (DIA- TPI)	BOLT DIA. (INCHES)	 SAE J429 GRADE 5	 SAE J429 GRADE 8		
				PLAIN (KG-M)	PLATED (KG-M)
5/16-24	0.3125	3	2	4	3
3/8-24	0.375	5	4	7	5
7/16-20	0.4375	8	6	11	8
1/2-20	0.5	12	9	17	12
9/16-18	0.5625	17	12	24	18
5/8-18	0.625	24	18	33	25
3/4-16	0.75	41	31	58	44
7/8-11	0.875	62	45	93	69
1-12	1	89	67	138	103
1 1/8-12	1.125	123	93	200	150
1 1/4-12	1.25	171	129	278	209
1 3/8-12	1.375	232	174	375	281
1 1/2-12	1.5	304	228	492	369

COARSE THREAD TORQUE CHART (METRIC)					
TIGHTENING TORQUE					
SIZE (DIA- TPI)	BOLT DIA (INCHES)	 SAE J429 GRADE 5	 SAE J429 GRADE 8		
				PLAIN (KG-M)	PLATED (KG-M)
5/16-18	0.3125	2	2	3	2
3/8-16	0.375	4	3	6	5
7/16-14	0.4375	7	5	10	7
1/2-13	0.5	10	8	15	11
9/16-12	0.5625	15	11	21	16
5/8-11	0.625	21	16	30	22
3/4-10	0.75	37	28	52	39
7/8-9	0.875	55	41	84	63
1-8	1	82	62	126	94
1 1/8-7	1.125	110	82	178	133
1 1/4-7	1.25	155	116	251	188
1 3/8-6	1.375	203	152	329	246
1 1/2-6	1.5	270	210	438	328

NOTES:

1. Tightening torques provided are mid-range.
2. Consult bolt manufacturer's specifications, when provided.
3. Use flat washers of equal strength.
4. All torque measurements are given in kilogram-meters.
5. Torque values specified are for bolts with residual oils or no special lubricants applied. If special lubricants of high stress ability, such as never-seez compound graphite and oil, molybdenum disulfide, colloidal copper or white lead are applied, multiply the torque values in the charts by the factor .90. The use of loctite does not affect the torque values listed above.

WARNING

Anytime a gear-bearing bolt is removed, it must be replaced with a new bolt of the identical grade and size. Once a bolt has been torqued to 75% of its proof load and then removed, the torque coefficient may no longer be the same as when the bolt was new thus giving indeterminate clamp loads after torqueing. Failure to replace gear-bearing bolts may result in bolt failure due to metal fatigue causing death or serious injury.



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