

LOAD KING™
BY CUSTOM TRUCK (1) SOURCE



PARTS MANUAL

LOAD KING

16'-18' DUMP BODIES

TABLE OF CONTENTS

INTRODUCTION.....	4
DEFINITIONS USED IN THIS MANUAL	5
SAFETY WARNINGS	5
LOAD KING DUMP BODY LABELS	6
LOAD KING DUMP BODY LABEL LOCATIONS	8
ASSEMBLY: DUMP BODY KIT	9
DMP00086, TAILGATE LATCH CYLINDER.....	11
DMP00503, KICKSTAND ASSY - 36"	11
DMP00504, CAB GUARD ASSEMBLY	11
DMP00506, FRONT CRADLE MOUNT.....	12
DMP00507, REAR HINGE ASSY.....	12
DMP00508, FOLDING LADDER ASSEMBLY	13
DMP00511, BOTTOM LATCH ASSY	14
DMP00514, KICKSTAND LOWER MNT ASSY	14
DMP00527, REAR BOLSTER COVER	14
DMP00549, CLEVIS ROD END.....	14
DMP00558, 1/2"-13 THREADED ROD - 6" LNG	14
DMP00568, INNER TAILGATE LATCH	15
DMP00569, TAILGATE LATCH PIN	15
DMP00585, HIGH LIFT CYLINDER	15
DMP00586, STEEL BALL JOINT	15
DMP00612, TELECOPIC CYLINDER.....	16
DMP00615, RUBBER STOP	16
DMP00647, FRONT SHIPPING BRACKET	16

TABLE OF CONTENTS

DMP00650, UPPER TRUNNION MNT.....	16
DMP00680, ASPHALT LIP ASSY - 12" - ELLIPTICAL DUMP - BOLT ON.....	17
DMP00709-1 HIGH LIFT ASSY RS/ DMP00709-2, HIGH LIFT ASSY CS.....	17
DMP00767, 16' TARP SYSTEM	18
FENDER OPTIONS.....	19
GRIPSTRUT WALKWAY OPTIONS	20
42" AND 48" SIDE HEIGHT TAILGATE OPTIONS.....	21
54" SIDE HEIGHT TAILGATE OPTIONS.....	22
60" SIDE HEIGHT TAILGATE OPTIONS.....	23
DUMP TRUCK LIGHTING OPTION I	24
DUMP TRUCK LIGHTING OPTION II	25
REVISION CONTENT,.....	26

Company

Load King has been producing quality trailers since 1956. We are located in Elk Point, South Dakota.

Although the trailer industry is an ever-changing environment and we've seen many changes over the years, we have remained committed to the simple philosophy that we will make a reasonable profit through the designing, manufacturing, and marketing of top quality products that we can always be proud to call Load King. We have not, and will not, compromise in this area.

Quality shows in all facets of an operation, from the moment you make your first phone call for a product inquiry to the time you sell your used equipment and realize you've received top dollar on your sale. We continue to strive for excellence in every area and never quit trying to improve. We have earned our reputation believing that quality is value and value sells products.

Through our shared Engineering, Marketing and Sales teams, Load King and Custom Truck One Source bring that tradition of quality and value to another market with the Load King Dump Body.

About Custom Truck One Source

Beginning in February of 2015, three family-owned and operated companies (Custom Truck & Equipment, Utility Fleet Sales and Forestry Equipment of VA) joined together to form what is now Custom Truck One Source. Shortly after its inception, UCO Equipment became a part of the CTOS family along with TNT Equipment six months later. In December 2015, CTOS welcomed its sixth company under its brand, Load King, a leading manufacturer of high-quality and customizable trailers.

The announcement of the partnership represented the platform's collective commitment to the continued growth and dominance of each legacy company's individual offerings, now compounded to leverage the expertise of the team and, ultimately, better serve loyal CTOS customers all over the world. CTOS will build upon the market positions of each legacy company, while serving as a single source supplier of specialty equipment and services for the utility and heavy equipment industries. The utility and heavy equipment platform collectively offers sales, rentals, parts and after market services, remanufacturing, customized equipment and transportation.

Definitions Used in this Manual

The following table describes text and symbols used to highlight important information.

Signal Word	Symbol	Explanation
WARNING		WARNING IS USED TO ALERT READERS ABOUT THE POTENTIAL FOR SERIOUS INJURY OR DEATH OR SERIOUS DAMAGE TO EQUIPMENT.

Table—1

The following table describes line types in the parts drawings.

LINE FONTS		DESCRIPTION
—————	SOLID LINE FONT	INDICATES PART OUTLINES IN THE DRAWINGS.
-----	DASHED LINE FONT	INDICATES HOW TWO OR MORE PARTS ASSEMBLE.
[]---①	KEYED BOX/BRACKET	INDICATES PARTS INSIDE OF A SUB ASSEMBLY.
←-----①	DASHED KEY	INDICATES PART NOT VISIBLE OR HIDDEN IN VIEW

Table—2

SAFETY WARNINGS



WARNING: All repairs, adjustments and maintenance not described in the Operator's Manual must be performed by Qualified Service Personnel.



WARNING: Hydraulic system components can contain high pressures of which, if suddenly or unexpectedly released, can cause serious injury or death by direct contact with the pressurized oil or by contact with moving machine components.

LOAD KING DUMP BODY LABELS



2

1



3

LOAD KING DUMP BODY LABELS (Cont.)

4

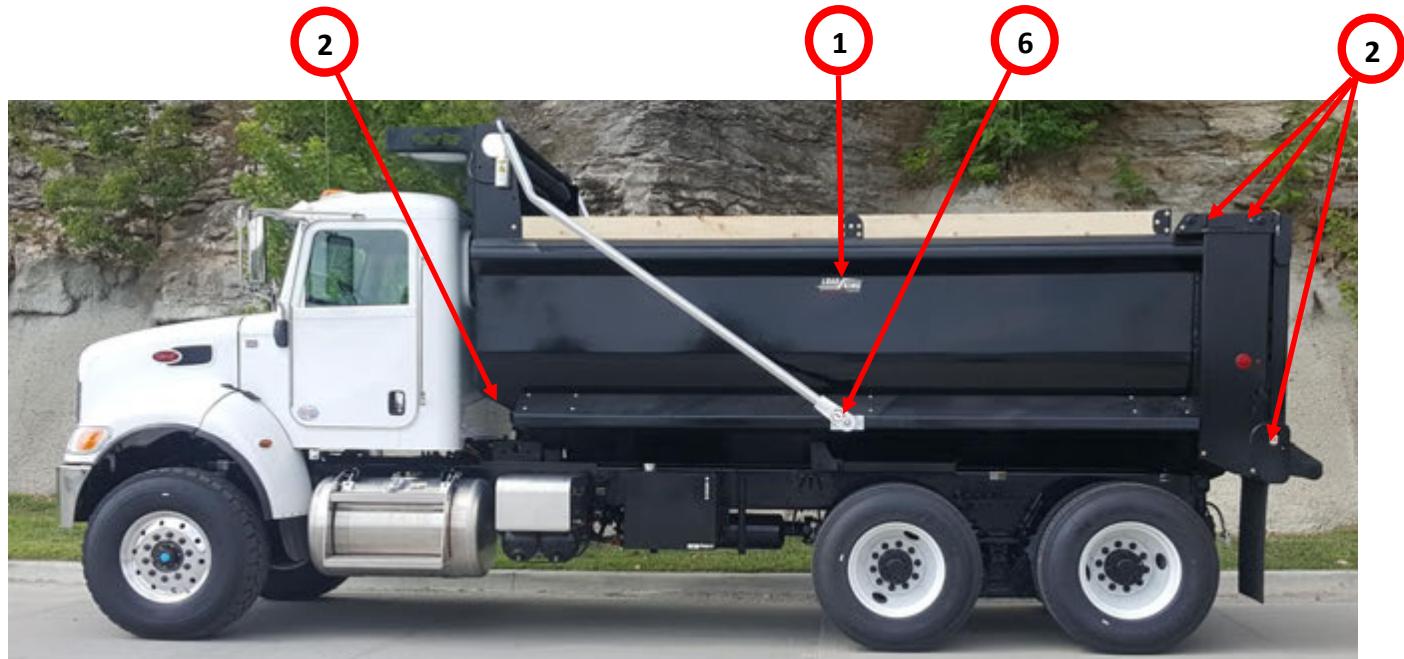


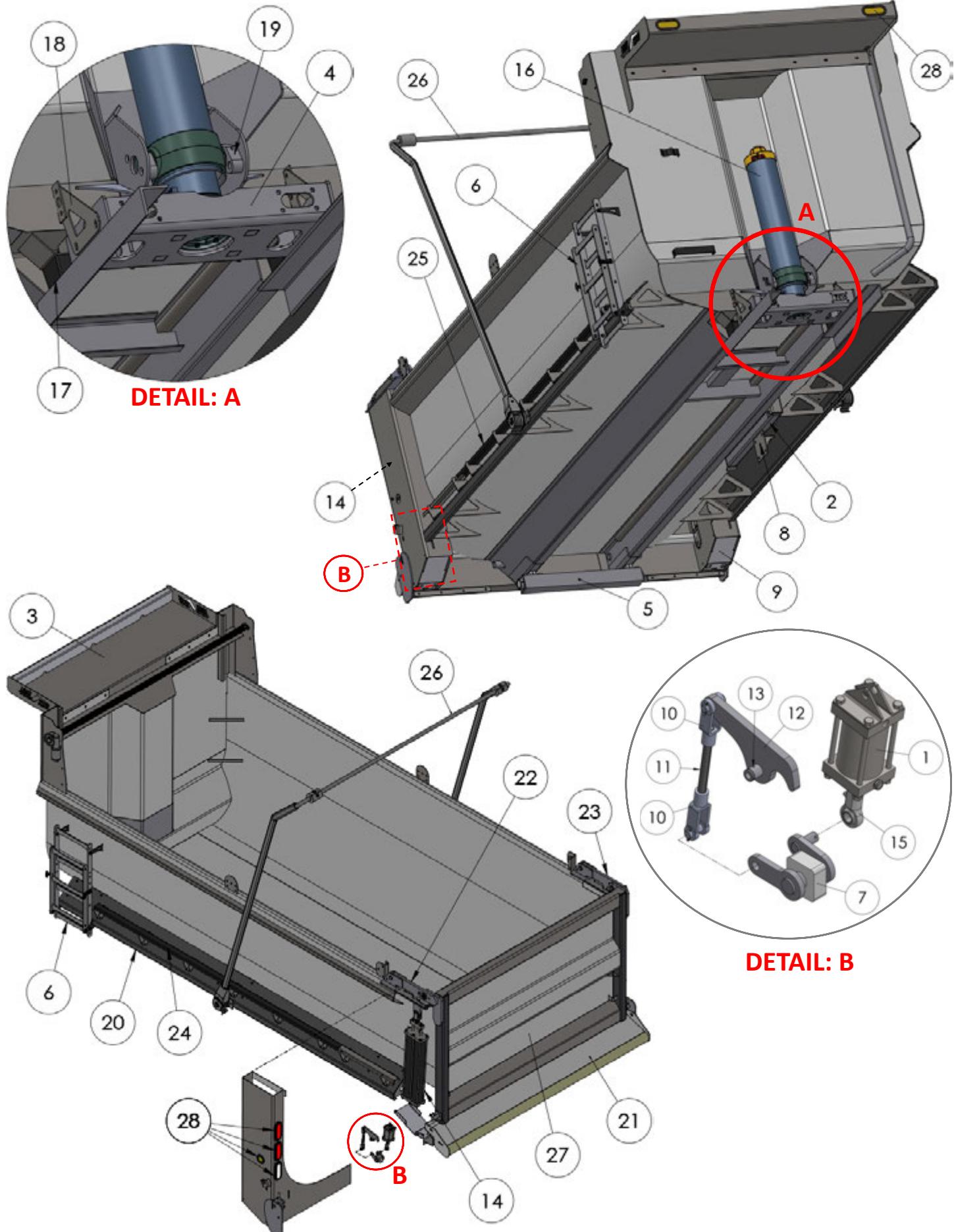
5



6

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00194-5	LARGE LOAD KING LOGO DECAL	3
2	DMP00194-4	GREASE POINT DECAL	6
3	DMP00194-2	CAUTION DECAL	1
4	DMP00194-3	CAUTION - PINCH POINT DECAL	2
5	DMP00194-1	DANGER DECAL	2
6	DMP00195-7	CTOS LOGO DECAL	2

LOAD KING DUMP BODY LABEL LOCATIONS

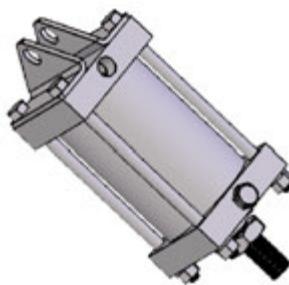
ASSEMBLY: DUMP BODY KIT

ASSEMBLY: DUMP BODY KIT

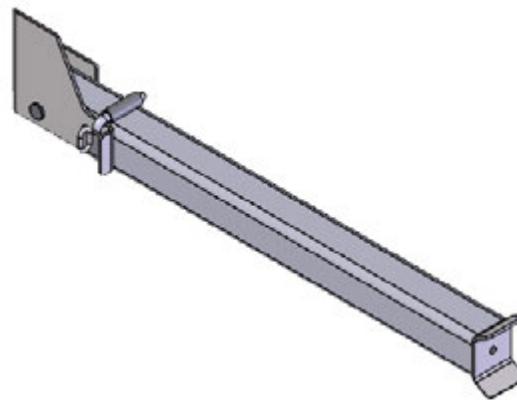
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00086	AIR CYL, 2" BORE X 3" STROKE DATAILGATE LATCH CYLINDER	2
2	DMP00503	KICKSTAND ASSY - 36"	1
3	DMP00504	CAB GUARD ASSEMBLY	1
4	DMP00506	FRONT CRADLE MOUNT	1
5	DMP00507	REAR HINGE ASSY	1
6	DMP00508*	FOLDING AL LADDER ASSEMBLY	1-2
7	DMP00511	BOTTOM LATCH ASSY	2
8	DMP00514	KICKSTAND LOWER MNT ASSY	1
9	DMP00527	REAR BOLSTER COVER	2
10	DMP00549	CLEVIS ROD END - 1/2" PIN - 1/2"-13 THRD -	4
11	DMP00558	1/2"-13 THREADED ROD - 6" LNG - MCMASTER CARR 95475A738	2
12	DMP00568	INNER TAILGATE LATCH	2
13	DMP00569	TAILGATE LATCH PIN	2
14	DMP00585	TAILGATE HI-LIFT CYLINDER	2
15	DMP00586	STEEL BALL JOINT - MCMASTER CARR - 4444T241	2
16	DMP00612	SINGLE ACTING TELECOPIC CYLINDER #6.54-3010-150	1
17	DMP00615	RUBBER STOP - 3" X 4 7/8" McMaster Carr - 21685T13	2
18	DMP00647	FRONT SHIPPING PLATES	2
19	DMP00650	UPPER TRUNNION MNT - HYVA - BKMC-002-40T-50T-LK	2
20		SEE FENDER OPTIONS (PG. 19)	2
21	DMP00680	DMP00680 ASPHALT LIP ASSY - 12" - ELLIPTICAL DUMP - BOLT ON	1
22	DMP00709-1	HIGH LIFT ASSY RS	1
23	DMP00709-2	HIGH LIFT ASSY CS	1
24	*	SEE GRIPSTRUT WALKWAY OPTIONS (PG. 20)	1
25	*	SEE GRIPSTRUT WALKWAY OPTIONS (PG. 20)	1
26	DMP00767	16' TARP SYSTEM	1
27		SEE TAILGATE OPTIONS (PG. 21-23)	1
28		SEE DUMP TRUCK LIGHTING OPTIONS (PG. 24-25)	1

*QUANTITY FOR DMP00508 VARIES

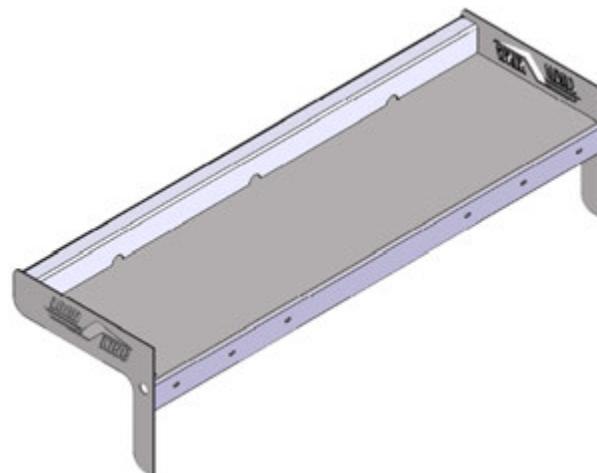
*GRIPSTRUT WALKWAYS ONLY INCLUDED IN CERTAIN TRUCK MODELS

DMP00086, TAILGATE LATCH CYLINDER

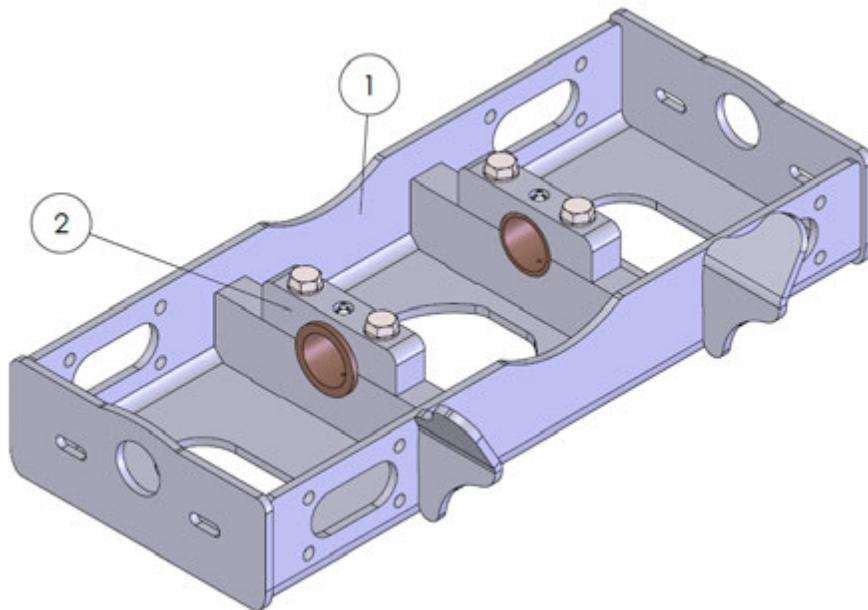
PART NUMBER	DESCRIPTION	QTY.
DMP00086	AIR CYL, 2" BORE X 3" STROKE DA TAILGATE LATCH CYLINDER	2

DMP00503, KICKSTAND ASSY - 36"

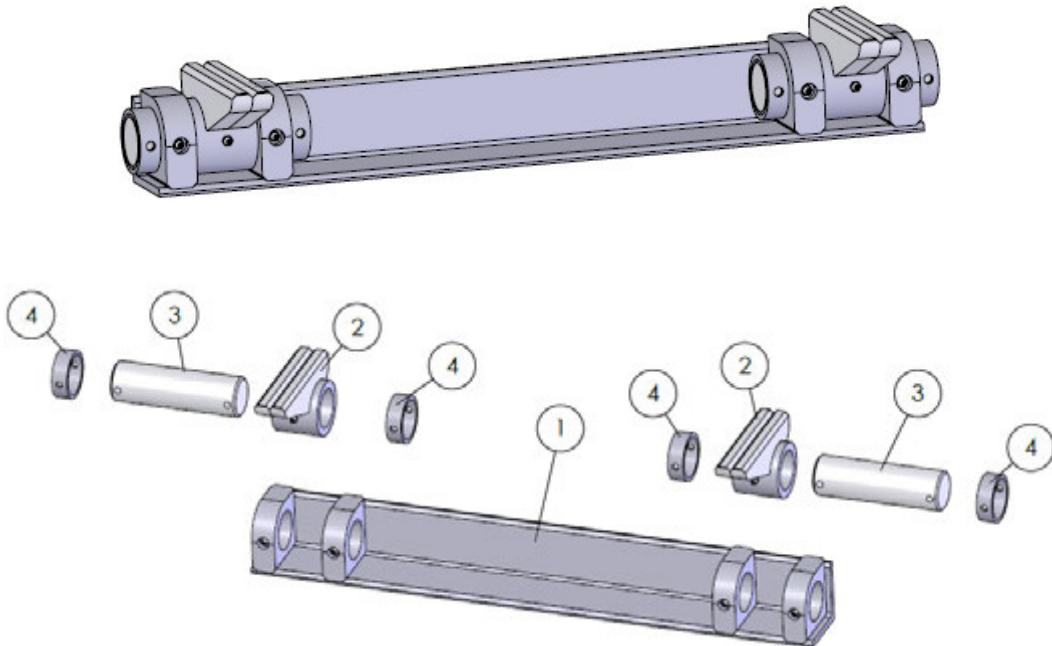
PART NUMBER	DESCRIPTION	QTY.
DMP00503	KICKSTAND ASSY - 36"	1

DMP00504, CAB GUARD ASSEMBLY

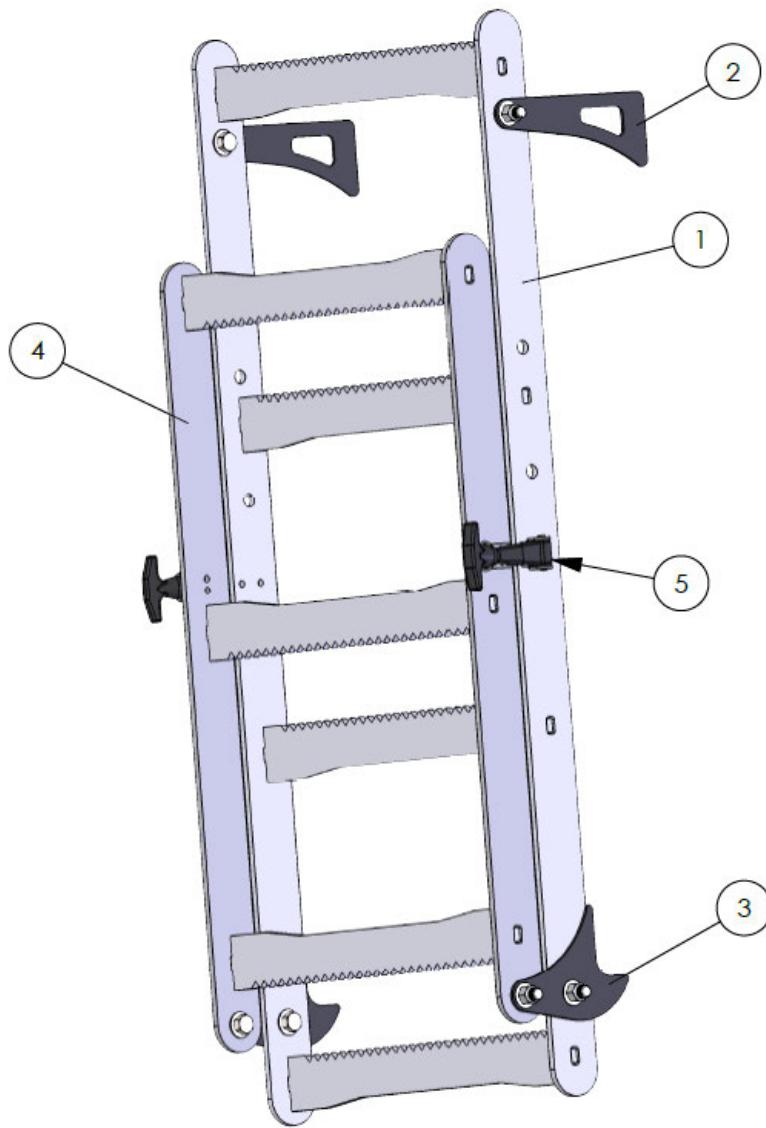
PART NUMBER	DESCRIPTION	QTY.
DMP00504	CAB GUARD ASSEMBLY	1

DMP00506, FRONT CRADLE MOUNT

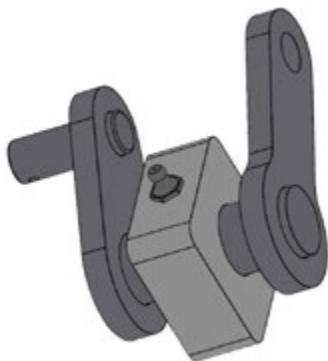
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00506	FRONT CRADLE MOUNT	1
2	DMP00531	TRUNNION BUSHING TOP MNT	2

DMP00507, REAR HINGE ASSY

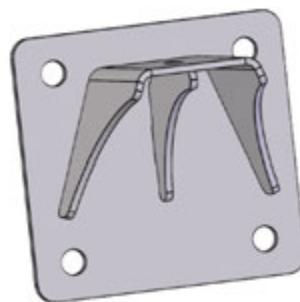
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00765	ASSY-REAR HINGE BASE AND LUGS	1
2	DMP00766	ASSY-REAR HINGE LUGS AND COLLAR	2
3	DMP00538	REAR HINGE SHAFT	2
4	DMP00530	SHAFT COLLAR - 2 9/16" ID	4

DMP00508, FOLDING LADDER ASSEMBLY

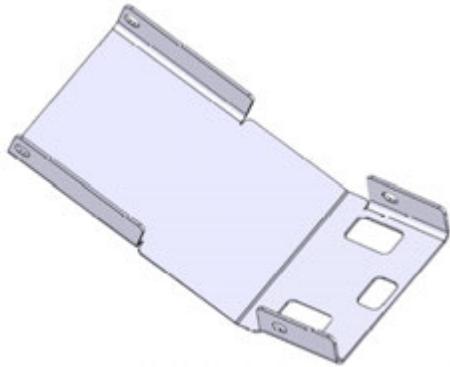
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00575	UPPER LADDER ASSEMBLY	1
2	DMP00573	UPPER LADDER MNT	2
3	DMP00574	LOWER LADDER MNT	2
4	DMP00576	LOWER LADDER ASSEMBLY	1
5	DMP00594	RUBBER T-HANDLE DRAW LATCH 4 11/16 x 2 7/16	2

DMP00511, BOTTOM LATCH ASSY

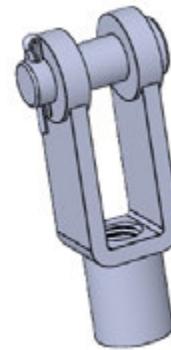
PART NUMBER	DESCRIPTION	QTY.
DMP00511	BOTTOM LATCH ASSY	2

DMP00514, KICKSTAND LOWER MNT ASSY

PART NUMBER	DESCRIPTION	QTY.
DMP00514	KICKSTAND LOWER MNT ASSY	2

DMP00527, REAR BOLSTER COVER

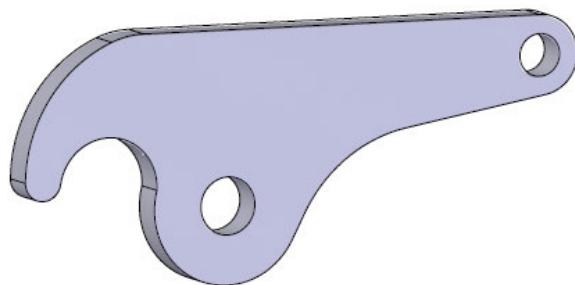
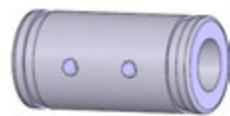
PART NUMBER	DESCRIPTION	QTY.
DMP00527	REAR BOLSTER COVER	2

DMP00549, CLEVIS ROD END

PART NUMBER	DESCRIPTION	QTY.
DMP00549	CLEVIS ROD END - 1/2" PIN - 1/2"-13 THRD -	4

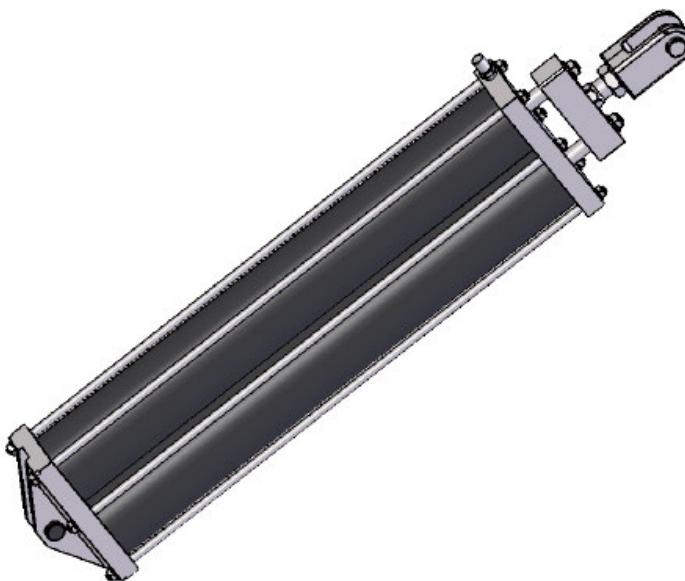
DMP00558, 1/2"-13 THREADED ROD - 6" LNG

PART NUMBER	DESCRIPTION	QTY.
DMP00558	1/2"-13 THREADED ROD - 6" LNG - McMaster Carr 95475A738	2

DMP00568, INNER TAILGATE LATCH**DMP00569, TAILGATE LATCH PIN**

PART NUMBER	DESCRIPTION	QTY.
DMP00568	INNER TAILGATE LATCH	2

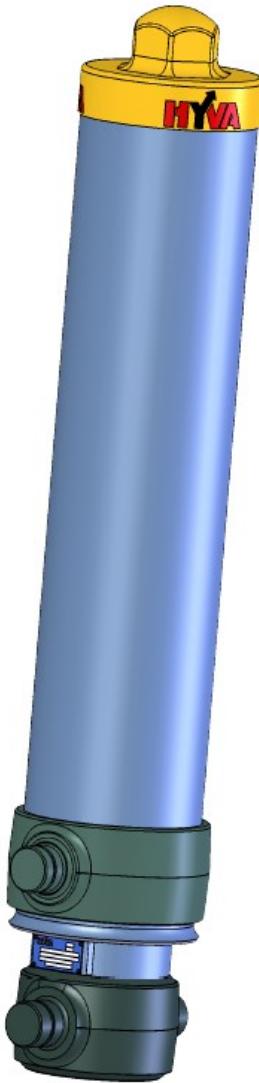
PART NUMBER	DESCRIPTION	QTY.
DMP00569	TAILGATE LATCH PIN	2

DMP00585, HIGH LIFT CYLINDER

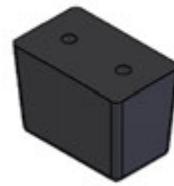
PART NUMBER	DESCRIPTION	QTY.
DMP00585	HIGH LIFT CYLINDER	2

DMP00586, STEEL BALL JOINT

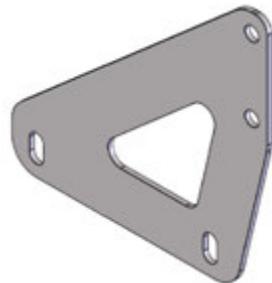
PART NUMBER	DESCRIPTION	QTY.
DMP00586	STEEL BALL JOINT - MCMASTER CARR - 4444T241	2

DMP00612, TELECOPIC CYLINDER

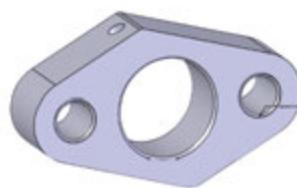
PART NUMBER	DESCRIPTION	QTY.
DMP00612	SINGLE ACTING TELE-COPIC CYLINDER #6.54-3010-150	1

DMP00615, RUBBER STOP

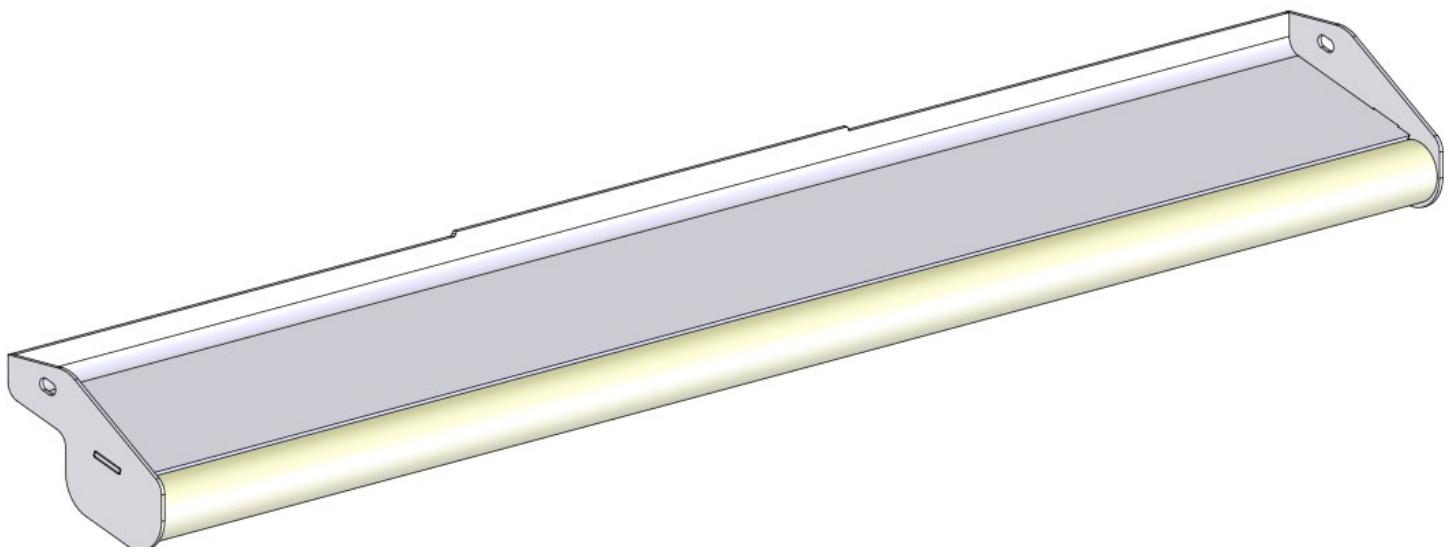
PART NUMBER	DESCRIPTION	QTY.
DMP00615	RUBBER STOP - 3" X 4 7/8" McMaster Carr - 21685T13	2

DMP00647, FRONT SHIPPING BRACKET

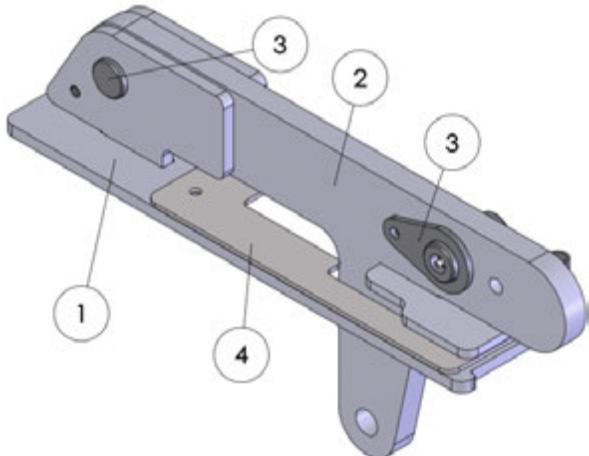
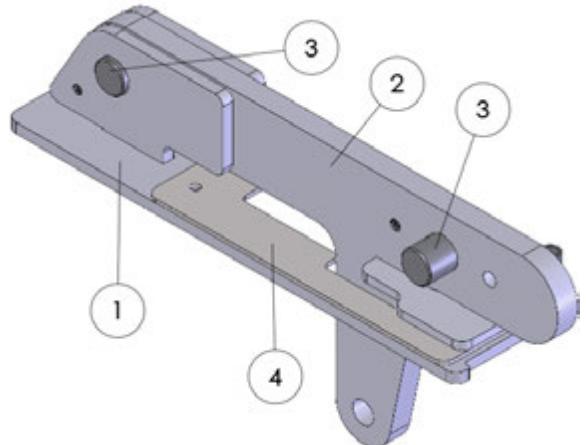
PART NUMBER	DESCRIPTION	QTY.
DMP00647	FRONT SHIPPING PLATES	2

DMP00650, UPPER TRUNNION MNT

PART NUMBER	DESCRIPTION	QTY.
DMP00650	UPPER TRUNNION MNT - HYVA - BKMC-002-40T-50T-LK	2

DMP00680, ASPHALT LIP ASSY - 12" - ELLIPTICAL DUMP - BOLT ON

PART NUMBER	DESCRIPTION	QTY.
DMP00680	ASPHALT LIP ASSY - 12" - ELLIPTICAL DUMP - BOLT ON	1

DMP00709-1, HIGH LIFT ASSY RS/ DMP00709-2, HIGH LIFT ASSY CS**DMP000709-1****DMP000709-2**

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00778	WELDMENT, LIFT BRACKET	2
2	DMP00781	WELMENT, LIFT ARM	2
3	DMP00764	ASSY - TAILGATE LIFT PIN	4
4	DMP00716	TOP HIGH LIFT COVER PLATE	2

DMP00767, 16' TARP SYSTEM

PART NUMBER	DESCRIPTION	QTY.
DMP00767	16' TARP SYSTEM	1

FENDER OPTIONS



OPTION I, 16FT DUMP BED FENDER

PART NUMBER	DESCRIPTION	QTY.
DMP00626	FENDER FORMING - 16FT TUB - FULL LENGTH BOLT ON	2

OPTION II, 17FT DUMP BED FENDER

PART NUMBER	DESCRIPTION	QTY.
DMP00658	FENDER FORMING - 17FT TUB - FULL LENGTH BOLT ON	2

OPTION III, 18FT DUMP BED FENDER

PART NUMBER	DESCRIPTION	QTY.
DMP00734	FENDER FORMING - 18FT TUB - FULL LENGTH BOLT ON	2

GRIPSTRUT WALKWAY OPTIONS



OPTION I, 16FT DUMP BED GRIPSTRUT WALKWAY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00719-1	16FT GRIPSTRUT WALKWAY RS	1
2	DMP00719-2	16FT GRIPSTRUT WALKWAY CS	1

OPTION II, 17FT DUMP BED GRIPSTRUT WALKWAY

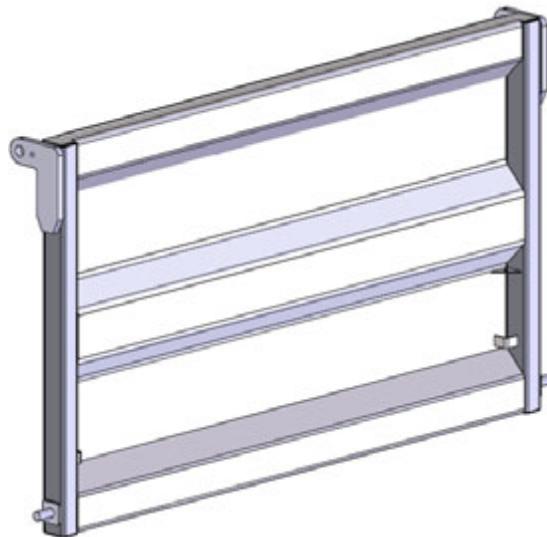
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00721-1	17FT GRIPSTRUT WALKWAY RS	1
2	DMP00721-2	17FT GRIPSTRUT WALKWAY CS	1

OPTION III, 18FT DUMP BED GRIPSTRUT WALKWAY

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00736-1	18FT GRIPSTRUT WALKWAY RS	1
2	DMP00736-2	18FT GRIPSTRUT WALKWAY CS	1

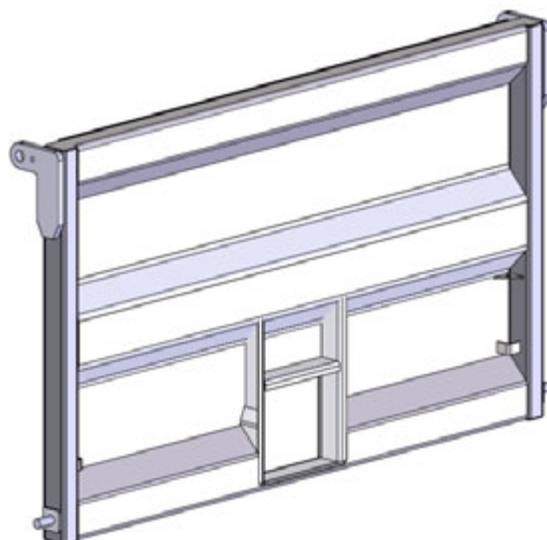
42" AND 48" SIDE HEIGHT TAILGATE OPTIONS

TAILGATE OPTION I, DMP00770



PART NUMBER	DESCRIPTION	QTY.
DMP00770	TAILGATE ASSY-EDB-54-W/O COAL SHOOT - 1/4" AR	1

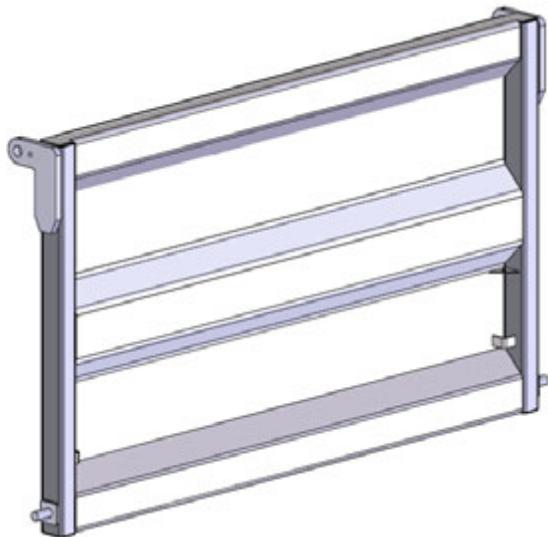
TAILGATE OPTION II, DMP00698



PART NUMBER	DESCRIPTION	QTY.
DMP00698	TAILGATE ASSY-EDB-54-WITH COAL SHOOT - 1/4" AR	1

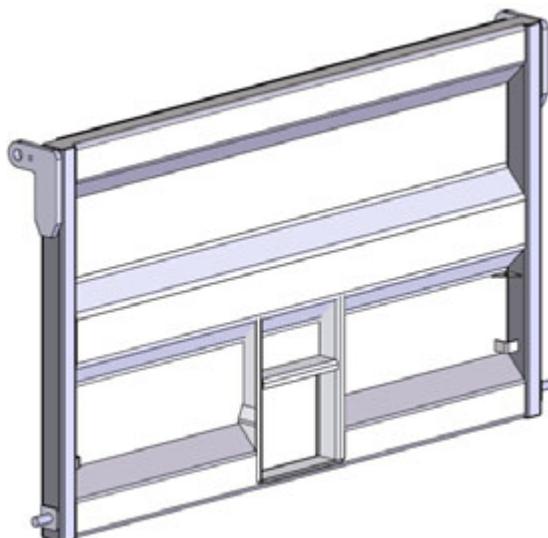
54" SIDE HEIGHT TAILGATE OPTIONS

TAILGATE OPTION I, DMP00920



PART NUMBER	DESCRIPTION	QTY.
DMP00920	WELDMENT, TAILGATE 54S NO CHUTE	1

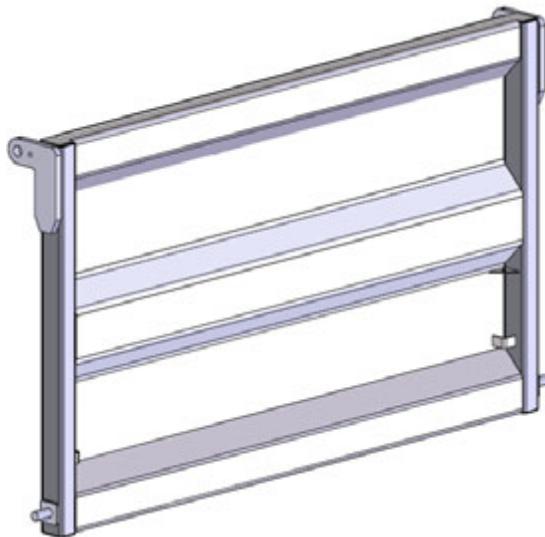
TAILGATE OPTION II, DMP00925



PART NUMBER	DESCRIPTION	QTY.
DMP00925	WELDMENT, TAILGATE W/CHUTE 54S	1

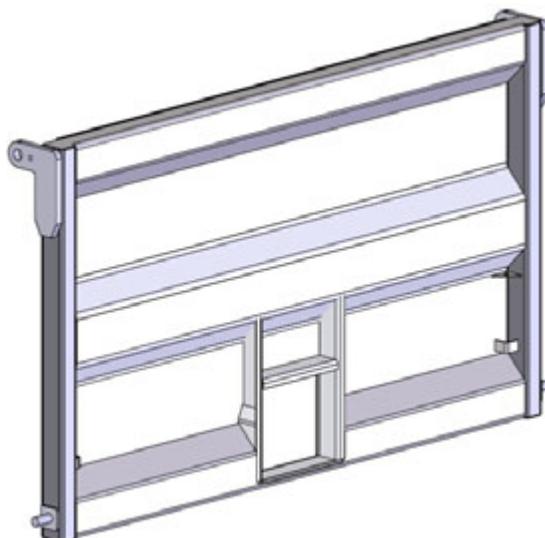
60" SIDE HEIGHT TAILGATE OPTIONS

TAILGATE OPTION I, DMP00790

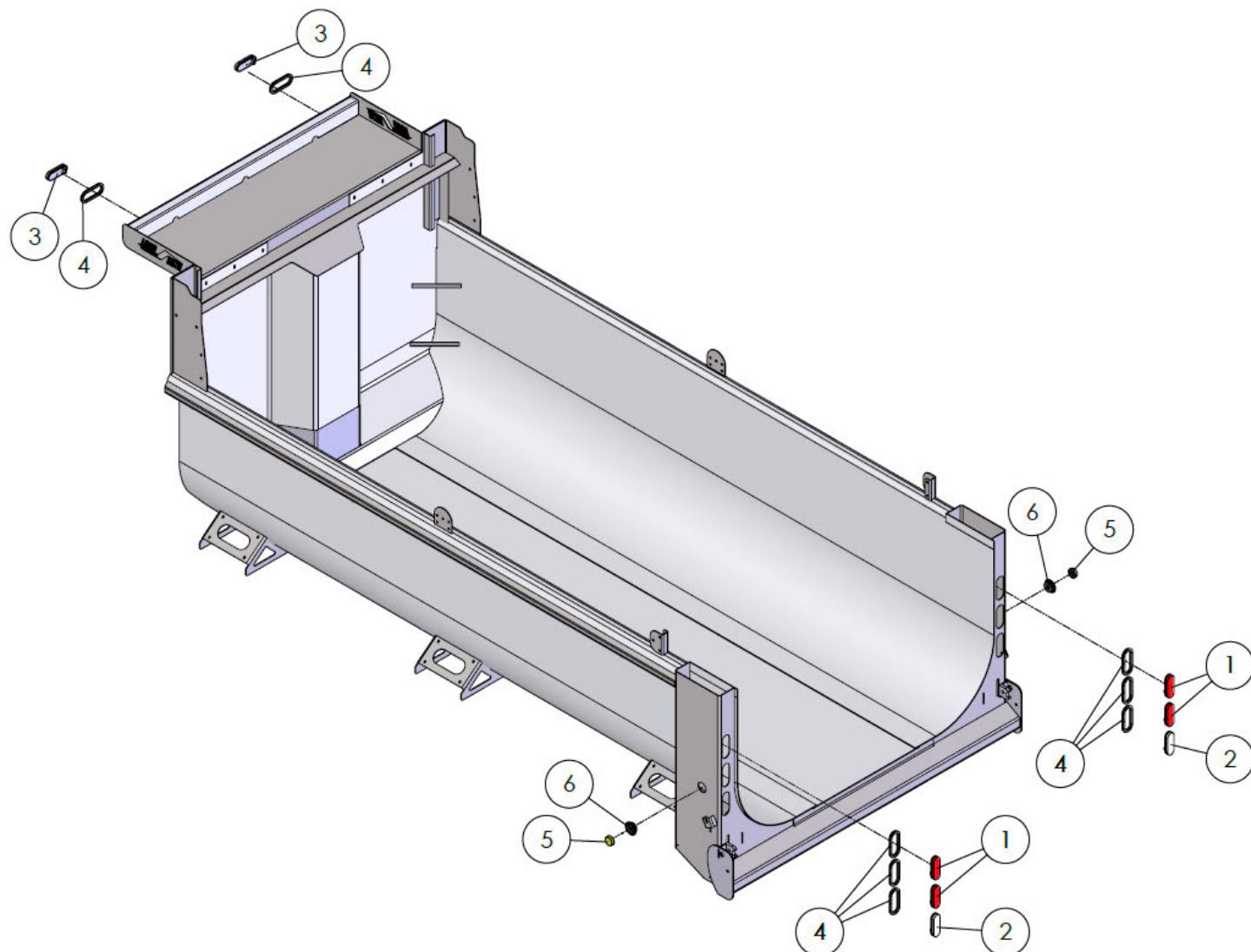


PART NUMBER	DESCRIPTION	QTY.
DMP00790	TAILGATE ASSY - W/O COAL SHOOT - 60" SIDES- 1/4" AR	1

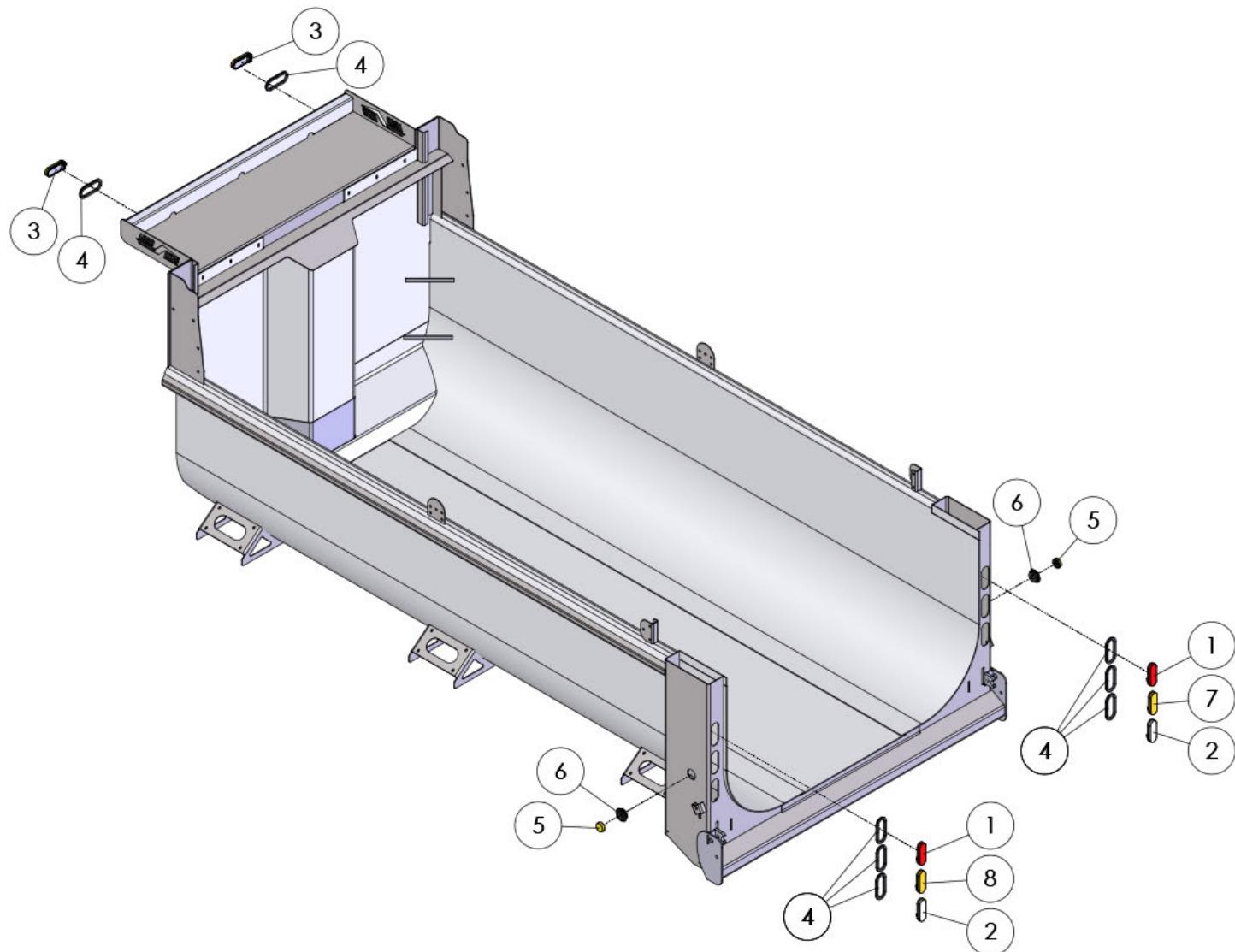
TAILGATE OPTION II, DMP00745



PART NUMBER	DESCRIPTION	QTY.
DMP00745	TAILGATE ASSY - WITH COAL SHOOT - 60" SIDES- 1/4" AR	1

DUMP TRUCK LIGHTING OPTION I

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00226	STOP TAIL TURN, 6" OVAL # M820R-7	4
2	DMP00358	LED BACK-UP LIGHT #1220C-10	2
3	DMP00357	CAB GUARD, AMBER CLEARANCE 6" OVAL, MARKER #M820A-22	2
4	DMP00227	TAIL LIGHT GROMMET, 6" OVAL #B421-18	8
5	DMP00229	CLEARANCE, MARKER, 2.5" #M197R-AMP	2
6	DMP00171	CLEARANCE, MARKER, 2.5" GROMMET #B143-18	2

DUMP TRUCK LIGHTING OPTION II

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	DMP00226	STOP TAIL TURN, 6" OVAL # M820R-7	2
2	DMP00358	LED BACK-UP LIGHT #1220C-10	2
3	DMP00228	CAB GUARD, AMBER CLEARANCE 6" OVAL, STROBE	2
4	DMP00227	TAIL LIGHT GROMMET, 6" OVAL #B421-18	8
5	DMP00229	CLEARANCE, MARKER, 2.5" #M197R-AMP	2
6	DMP00171	CLEARANCE, MARKER, 2.5" GROMMET #B143-18	2
7	DMP00355	AMBER, TYPE 1 #860SA-1	1
8	DMP00356	AMBER, TYPE 2 #860SA-2	1

REVISION CONTENT

REVISION	DATE	DESCRIPTION	LOCATION
A	7/24/2018	INITIAL RELEASE	



Load King
PO Box 427
Elk Point, South Dakota, USA 57025-0427
Toll Free: (888) 264-5522