

Foam Concentrate Tote Trailers









Description

The Chemguard Defender series of mobile foam trailers are built with unit integrity in mind. Constructed from structural steel rated at a tensile strength of over 36,000 lbs per square inch and finished off with high gloss polyurethane enamel, Defender Series trailers are economical, extremely durable, and corrosion resistant.

Designed and developed for extreme incident flexibility, the Defender series of trailers are offered with a wide variety of options giving you the ability to custom design your own unit to best fit the specific needs of your department or facility. When your needs require a large surplus of fire suppression foam, the Defender Series of tote trailers combine a unique mix of agility and performance to consistently provide storage, transport, and deployment in the harshest operating conditions possible.

Standard Features

High Capacity Foam Concentrate Storage:
 Each Duel Tote Trailer is built to carry 550 or 660 gallons of concentrate. Please specify tote size during inquiry.

Fixed Master Stream Vertical Waterway:

Pre-piped vertical waterway constructed from 4" Schedule 40 pipe running through a lever operated butterfly valve. The waterway is supplied by two 2-1/2" clapered Siamese or two Storz inlet connections mounted one connection point, dual 2-1/2" or Storz, on each side of the trailer.

Master Stream:

Pre-piped single waterway brass monitor flows 1250 gpm with minimum friction loss. The Chemguard Brahma Monitor is designed for 360 degree rotation with positive lock and is built with stainless steel ball bearings at each swivel joint. A CEN Series Self-Educting foam nozzle comes standard in 350, 500, or 750 gpm configurations. Each single gallonage constant flow nozzle is adjustable from straight stream to a fog pattern.

Wheels and Tires:

Standard with heavy duty 5-Star Polished Aluminum wheels with ST225-75-R15 tires.

Practical Plumbing:

One standard direct nozzle concentrate pick-up connection runs from the front tote of the dual tote trailer. A quick action Cam-Lock connector with a remote valve at the monitor platform draws concentrate from the rear tote. The nozzle's foam concentrate pick-up tube connection is compatible with all Chemguard tote tanks. An optional drum pick-up hose can provide the ability to access an additional concentrate supply, if needed, in an emergency situation.

Rapid Release Tote Locking System:

Every model of trailers has our Rapid Release tote locking system as a standard feature. This enables the end user to quickly replace empty totes and reload with a full supply of concentrate. For added security we have also included two 3,335 lb heavy duty tie down straps for stability on the open road.

Stabilizing Jacks:

All trailers are equipped with one 7,000 pound capacity drop-foot front jack and dual 5,000 pound capacity swing-down rear jacks for stabilization.

Equipment Storage:

Large Diamond Plate aluminum hose bins located just above each fender is ideal storage for 2-1/2", 3", 4" or 5" hose.

• Heavy Duty Construction:

For added strength, the dual tote trailers are equipped with two heavy duty 6,000 lb load rated axels with the same E-Z Lube Bearings.

Electric Braking System:

Each trailer comes standard with 12" x 2" electric brakes on both axles. The complete system contains an emergency break-away with battery, an electric brake controller to mount in the towing vehicle, and a brake actuator.

Finish:

All Chemguard tote trailers are finished off with a durable red polyurethane enamel.

Safety:

Standard non-skid on deck meets requirements of NFPA 1901.



Foam Concentrate Tote Trailers

Trailer Options

1 – No	1 - Nozzle/Monitor/Valve					
00	None					
01	CEN350/CM1250B-4S W/4" BF VA. And 10-Position Lever					
02	CEN500/CM1250B-4S W/4" BF VA And 10-Position Lever					
03	CEN750/CM1250B-4S W/4" BF VA And 10-Position Lever					
04	CEN1000/CM1250B-4S W/4" BF VA And 10-Position Lever					
05*	CEN1500(RANGER)/CM2000B W/4" BF VA. And 10-Position Lever					
06	CEN350/CM1250B-4S W/4" BF VA. And Gear Operator					
07	CEN500/CM1250B-4S W/4" BF VA And Gear Operator					
08	CEN750/CM1250B-4S W/4" BF VA And Gear Operator					
09	CEN1000/CM1250B-4S W/4" BF VA And Gear Operator					
10*	CEN1500(RANGER)/CM2000B W/4" BF VA. And Gear Operator					
11	Other/Special Requires Engineering Approval					

2 – Wa	2 – Water Inlets				
00	None				
01	Single 4" NH(NST) Male With Cap - Each Side				
02	Single 4" NH(NST) Female With Plug - Each Side				
03	Single 4.5" NH(NST) Male With Cap - Each Side				
04	Single 4.5" NH(NST) Female W/ Plug - Each Side				
05	Single 4" Storz W/Cap Each Side				
06	Single 5" Storz W/Cap Each Side				
07*	Single 6" Storz W/Cap Each Side				
08	Two 2.5" NST Female Swivels With Clapper & Plugs Ea. Side				
09	Two 2.5" NPSH Female Swivels W/ Clappers & Plugs Ea. Side				
10	Other/Special Requires Engineering Approval				

3 – Sto	3 – Storage/Eductors - Left					
00	Standard Aluminum Hose Bin No Eductor					
01	Standard Aluminum Hose Bin 60 Gpm Pre-Piped Eductor					
02	Standard Aluminum Hose Bin 95 Gpm Pre-Piped Eductor					
03*	Standard Aluminum Hose Bin 125 Gpm Pre-Piped Eductor					
04*	Standard Aluminum Hose Bin 250 Gpm Pre-Piped Eductor					
05	Storage Cabinet In Lieu Of Hose Bin - Non-Locking					
06	Storage Cabinet In Lieu Of Hose Bin – Locking					
07	Other/Special Requires Engineering Approval					



Foam Concentrate Tote Trailers

Trailer Options

4 – St	4 – Storage/Eductors - Right					
00	Standard Aluminum Hose Bin No Eductor					
01	Standard Aluminum Hose Bin 60 Gpm Pre-Piped Eductor					
02	Standard Aluminum Hose Bin 95 Gpm Pre-Piped Eductor					
03*	Standard Aluminum Hose Bin 125 Gpm Pre-Piped Eductor					
04*	Standard Aluminum Hose Bin 250 Gpm Pre-Piped Eductor					
05	Storage Cabinet In Lieu Of Hose Bin - Non-Locking					
06	Storage Cabinet In Lieu Of Hose Bin – Locking					
07	Other/Special Requires Engineering Approval					

5 – Wh	5 – Wheels/Brakes					
00***	Alum. Star Wheels, Bsw Tires Electric Brakes					
01***	Alum. Star Wheels, Bsw Tires Free Backing Hyd. Brakes					
02	White Mod Wheels, Bsw Tires Electric Brakes					
03	White Mod Wheels, Bsw Tires Free Backing Hyd. Brakes					
04***	Galvanized Wheels, Bsw Tires Electric Brakes					
05***	Galvanized Wheels, Bsw Tires Free Backing Hyd. Brakes					
06	White Spoke Wheels, Bsw Tires Electric Brakes					
07	White Spoke Wheels, Bsw Tires Free Backing Hyd. Brakes					
08***	Alum. Mod Wheels, Bsw Tires Electric Brakes					
09***	Alum. Mod Wheels, Bsw Tires Free Backing Hyd. Brakes					

6 – Fii	6 – Finish/Operator's Platform					
00	Red Urethane Enamel With Red Non-Skid Tape On Deck					
01	Red Urethane Enamel With Brite Alum. Floorplate Deck					
02	Red Urethane Enamel With Alum. Diamondback Decking					
03	Red Epoxy W/Clearcoat And Red Non-Skid Tape On Deck					
04	Red Epoxy W/Clearcoat And Brite Alum. Floorplate Deck					
05	Red Epoxy W/Clearcoat And Alum. Diamondback Deck					
06	Special Color/Finish With Matching Non-Skid Tape On Deck					
07	Special Color/Finish With Brite Alum. Floorplate Deck					
08	Special Color/Finish With Alum Diamonback Floor Deck					



Foam Concentrate Tote Trailers

Trailer Options

7 – F	7 – Front (Tongue) Storage					
00	None					
01	6-Inch Deep Open Storage Area					
02	Small Alum. A-Frame Toolbox					
03	Large Alum. A-Frame Toolbox					
04	Small Alum. A-Frame Toolbox With 6" Deep Open Storage					
05	Large Alum. A-Frame Toolbox With 6" Deep Open Storage					
06	6" Deep Storage W/ Alum. Floorplate Cover					
07	6" Deep Storage W/ Alum. Diamondback Flooring Cover					

8 – Tr	8 – Trailer Coupler				
00**	A-Frame Coupler - 2" Ball Limited To Use W/275 Totes				
01	A-Frame Coupler - 2-5/16" Ball Usable With All Tote Sizes				
02	Adjustable Pintle-Eye - 3" Usable With All Tote Sizes				
03	Adjust. Coupler - 2-5/16" Ball Usable With All Tote Sizes				
04	Adjust. Clevis - 3/4" Dia. Pin Usable With All Tote Sizes				
05	Special/Not Described Above Requires Engineering Approval				

9 – Battery Maintenance Charger					
00	Charges Through 6-Pin Connector-Std. W/Elect. Brakes				
01	Solar Charger Added For Brake Battery				
02	120 Vac Maintenance Charger Added For Brake Battery				
03	None-Select For Free-Backing Hydraulic Brakes				

^{*} Not Available On Single Tote Trailer

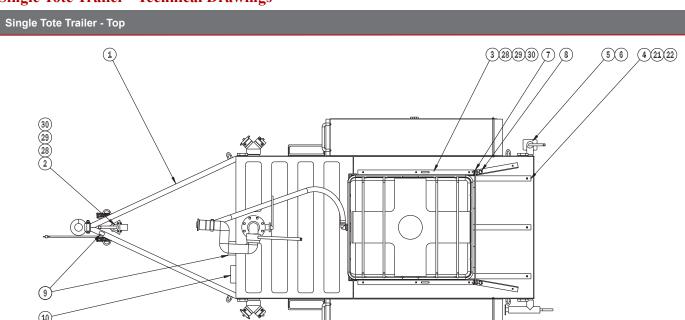
^{**} Not Available On Triple Tote Trailer-275 Gallon Limit On Dual Tote Trailers Only

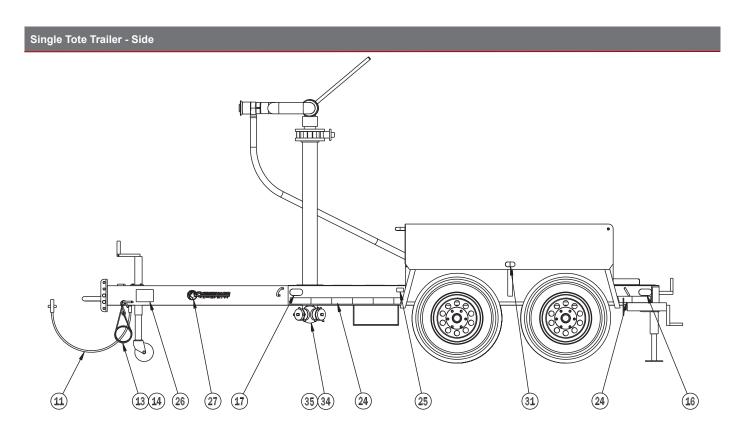
^{***} Not Available On Triple Tote Trailer



Foam Concentrate Tote Trailers

Single Tote Trailer - Technical Drawings



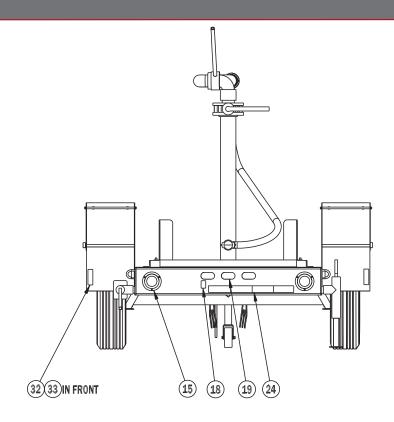




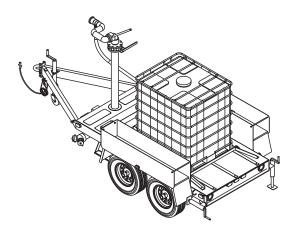
Foam Concentrate Tote Trailers

Single Tote Trailer - Technical Drawings

Single Tote Trailer - Rear



Single Tote Trailer - Final Assembly





Foam Concentrate Tote Trailers

Single Tote Trailer - Technical Drawings

Single Tote Trailer - Technical Drawing Breakdown

* 40 12		ITEM	QTY	PART #	DESCRIPTION	MATERIAL
* 38	*	40	12	EP11972	CABLE TIE PUSH MOUNT, TREE TYPE, FOR 1/4" HOLE	NYLON
** 37 1 EP11976 GROMMET, WIRE, 1/2" OD C 3/8" ID RUBBER ** 36 1 EP11974 STRAIN RELIEF, ELECTRICAL, 1/2" NPT, BLACK PLASTIC 35 1 206-032-004 NIPPLE, CLOSE, 1/2" SCH. 40 BRASS 34 1 Z70-103-01 VALVE, BALL, 1/2" MANUAL BRASS 34 1 Z70-103-01 VALVE, BALL, 1/2" MANUAL BRASS 34 1 Z70-103-01 VALVE, BALL, 1/2" MANUAL BRASS 35 2 EP11866 REFLECTOR, AMBER RECT, SELF-ADHESIVE W/MOUNT HOLES PLASTIC 36 1 EP11862 LIGHT, CLEARANDE/MARKER, AMBER-RED, FENDER MOUNT PLASTIC 37 2 EP11862 LIGHT, CLEARANDE/MARKER, AMBER-RED, FENDER MOUNT PLASTIC 38 10 Z09-001-0020 WASHER, FLAT, 3/8" SS 39 10 Z09-010-0020 WASHER, FLAT, 3/8" SS 29 10 Z09-011-016 BOLT, 3/8"-16 X 1-1/4" LONG 29 10 Z09-011-016 BOLT, 3/8"-16 X 1-1/4" LONG 29 10 Z09-011-016 BOLT, 3/8"-16 X 1-1/4" LONG 20 1 EP11696 LABEL, LOGO, 11" X 3-1/2" MISC. 21 1 EP11696 LABEL, VEHICLE IDENTIFICATION NUMBER MISC. 22 1 EP11696 LABEL, TIRE TREAD ACT MISC. 24 15 FT. EP11508 TAPE, CONSPICUITY, RED & WHITE, 2" WIDE MISC. 22 1 EP11380 NUT, #10-32, W/TOOTH WASHER SS 21 12 EP11380 NUT, #10-32, W/TOOTH WASHER SS 21 12 EP11381 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 21 19 EP11432 LIGHT BAR, IDENTIFICATION, RED LED SS/PLASTIC 18 1 EP11432 LIGHT, LICENSE, GRAY HOUSING PLASTIC 17 2 EP11433 LIGHT, CLEARANGE, AMBER, REFLECTIVE PLASTIC 16 2 EP11434 LIGHT, CLEARANGE, RED, REFLECTIVE PLASTIC 17 2 EP11434 LIGHT, CLEARANGE, RED, REFLECTIVE PLASTIC 18 1 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 19 1 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 10 1 EP11428 CORD, TRAILER, 6-POLE NATCH TRAILER CORD NA 11 1 EP11427 CORD, TRAILER, 6-POLE NATCH TRAILER CORD NA 11 1 EP11427 CORD, TRAILER, 6-POLE NATCH TRAILER CORD NA 12 EP11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER 3 EP11623 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 3 EF11623 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 3 EF11623 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 3 EF11623 ANGLE GUIDE SET, SINGLE TOTE TRAILER 3 EF11623 BAR, SLIDE, SET, SINGLE TOTE TRAILER 3 EF11623 BAR,	*	39	18	EP11977	GROMMET, WIRE, 3/16" OD X 1/8" ID	RUBBER
* 36 1 EP11974 STRAIN RELIEF, ELECTRICAL 1/2" NPT, BLACK PLASTIC 35 1 206-032-004 NIPPLE, CLOSE, 1/2" SCH. 40 BRASS 34 1 Z70-103-01 VALVE, BALL, 1/2" MANUAL BRASS 33 2 EP11867 REFLECTOR, AMBER RECT, SELF-ADHESIVE W/MOUNT HOLES PLASTIC 32 2 EP11866 REFLECTOR, RED RECT., SELF-ADHESIVE W/MOUNT HOLES PLASTIC 31 2 EP11866 LIGHT, CLEARANCE/MARKER, AMBER-RED, FENDER MOUNT PLASTIC 30 10 Z09-002-003 NUT, NY-LOCK, 3/8"-16 SS 29 10 Z09-010-020 WASHER, FLAT, 3/8" SS 28 10 Z09-011-016 BOLT, 3/8"-16 X 1-1/4" LONG SS 27 2 EF11638 LABEL, LOGO, 11" X 3-1/2" MISC. 26 1 EP11696 LABEL, VEHICLE IDENTIFICATION NUMBER MISC. 27 1 EP11695 LABEL, TIRE TREAD ACT MISC. 28 10 EP11695 LABEL, TIRE TREAD ACT MISC. 29 11 EP11508 TAPE, CONSPICUITY, RED & WHITE, 2" WIDE MISC. 21 EP11380 NUT, #10-32 X 3/4" LONG SS 21 EP11380 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 21 EP11380 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 21 EP11381 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 21 EP11382 LIGHT, LICENSE, GRAY HOUSING PLASTIC 21 EP11383 LIGHT, LICENSE, GRAY HOUSING PLASTIC 22 EP11434 LIGHT, CLEARANCE, AMBER, REFLECTIVE PLASTIC 23 EP11433 LIGHT, LICENSE, GRAY HOUSING PLASTIC 24 EP11435 LIGHT, LICENSE, GRAY HOUSING PLASTIC 25 EP11431 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 26 EP11433 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 27 EP11430 QUICK-LINK, SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 30 EP11420 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 31 EP11427 CORD, TRAILER, 6-POLE NA 32 EP11430 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 33 EP11430 FIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 34 EP11449 TIE-BAR, REAR, SINGLE-FOUNT TOTE TRAILER 35 EP11451 AND SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 35 EP11431 AND SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 35 EP11431 AND SPRING-LOADED, 5/8" X 2" X 59", SINGLE TOTE TRAILER 35 EP11452 ANGLE GUIDE SET, SINGLE FOTE TRAILER 35 EP11510 PIN, HD SPRING-LOADED, 5/8" X 2" X 2" X 5" SINGLE STEEL 35 EP11452 ANGLE GUIDE SET, SINGLE TOTE TRAILER 35 EP11510 ANGLE GUIDE SET,	*	38	2		GROMMET, WIRE, 1" OD X 3/4" ID	RUBBER
35	*	37	1	EP11976	GROMMET, WIRE, 1/2" OD C 3/8" ID	RUBBER
34 1 Z70-103-01 VALVE, BALL, 1/2" MANUAL 38 2 EP11867 REFLECTOR, AMBER RECT, SELF-ADHESIVE W/MOUNT HOLES PLASTIC 39 2 EP11866 REFLECTOR, RED RECT., SELF-ADHESIVE W/MOUNT HOLES PLASTIC 31 2 EP11862 LIGHT, CLEARANGE/MARKER, AMBER-RED, FENDER MOUNT PLASTIC 30 10 Z09-002-003 NUT, NY-LOCK, 3/8"-16 SS 29 10 Z09-010-020 WASHER, FLAT, 3/8" SS 28 10 Z09-010-020 WASHER, FLAT, 3/8" SS 28 10 Z09-010-016 BOLT, 3/8"-16 X 1-1/4" LONG SS 27 2 EF11638 LABEL, LOGD, 11" X 3-1/2" MISC. 26 1 EP11696 LABEL, VEHICLE IDENTIFICATION NUMBER MISC. 25 1 EP11695 LABEL, VEHICLE IDENTIFICATION NUMBER MISC. 24 IS FIT. EP11508 TAPE, CONSPICUITY, RED & WHITE, 2" WIDE MISC. 24 IS FIT. EP11508 TAPE, CONSPICUITY, RED & WHITE, 2" WIDE MISC. 22 12 EP11330 NUT, #10-32, W/TOOTH WASHER SS 21 12 EP11330 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 20 1 EP11389 STRAP ASSEMBLY, CARGO, 27-FEET LONG, 7000# RATING MISC. 19 1 EP11432 LIGHT BAR, IDENTIFICATION, RED LED SS./PLASTIC 18 1 EP11435 LIGHT, CLEARANGE, AMBER, REFLECTIVE PLASTIC 16 2 EP11431 LIGHT, CLEARANGE, AMBER, REFLECTIVE PLASTIC 16 2 EP11431 LIGHT, CLEARANGE, MBER, REFLECTIVE PLASTIC 17 2 EP11431 LIGHT, CLEARANGE, RED, REFLECTIVE PLASTIC 18 1 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 19 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 10 1 EP11426 GORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD NA 11 1 EP11427 CORD, TRAILER, 6-POLE NA 11 1 EP11428 CORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD NA NA 11 1 EP11427 CORD, TRAILER, 6-POLE 6 2 EP11336 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TILE-BAR, REAR, SINGLE/DUAL TOTE TRAILER 8 2 EP11336 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND 3 EFEL 4 3 EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER 5 EFLIE 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND 5 SEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND	*	36	1	EP11974	STRAIN RELIEF, ELECTRICAL, 1/2" NPT, BLACK	PLASTIC
33 2 EP11867 REFLECTOR, AMBER RECT, SELF-ADHESIVE W/MOUNT HOLES PLASTIC 32 2 EP11866 REFLECTOR, RED RECT., SELF-ADHESIVE W/MOUNT HOLES PLASTIC 31 2 EP11862 LIGHT, CLEARANCE/MARKER, AMBER-RED, FENDER MOUNT PLASTIC 30 10 Z09-002-003 NJT, NY-LOCK, 3/8"-16 SS 29 10 Z09-010-020 WASHER, FLAT, 3/8" SS 28 10 Z09-011-016 BOLT, 3/8"-16 X 1-1/4" LONG SS 27 2 EF11638 LABEL, LOGO, 11" X 3-1/2" MISC. 26 1 EP11696 LABEL, VEHICLE IDENTIFICATION NUMBER MISC. 27 1 EP11695 LABEL, TIRE TREAD ACT MISC. 28 10 EP11696 LABEL, VEHICLE IDENTIFICATION NUMBER MISC. 29 10 EP11808 NUT, #10-32, W/T00TH WASHER SS 20 1 EP11380 NUT, #10-32, W/T00TH WASHER SS 21 12 EP11381 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 21 12 EP11380 STRAP ASSEMBLY, CARGO, Z7-FEET LONG, 7000# RATING MISC. 29 11 EP11432 LIGHT BAR, IDENTIFICATION, RED LED SS./PLASTIC 20 1 EP11434 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 21 12 EP11431 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 21 2 EP11431 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 21 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 30 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 31 2 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 31 2 EP11430 GUICK-LINK, SAFETY CABLE, 1/2" STEEL 32 EP11431 LIGHT, STOP-TAIL-TURN, REFLECTIVE NA 33 EP11825 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER STEEL 4 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EP11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL		35	1	Z06-032-004	NIPPLE, CLOSE, 1/2" SCH. 40	BRASS
32 2 EP11866 REFLECTOR, RED RECT., SELF-ADHESIVE W/MOUNT HOLES 31 2 EP11862 LIGHT, CLEARANDE/MARKER, AMBER-RED, FENDER MOUNT 30 10 Z09-002-003 NUT, NY-LOCK, 3/8"-16 SS 29 10 Z09-010-020 WASHER, FLAT, 3/8" SS 28 10 Z09-011-016 BOLT, 3/8"-16 X 1-1/4" LONG SS 27 2 EF11638 LABEL, LOGO, 11" X 3-1/2" MISC. 26 1 EP11696 LABEL, VEHICLE IDENTIFICATION NUMBER MISC. 25 1 EP11695 LABEL, TIRE TREAD ACT MISC. 24 15 FT. EP11508 TAPE, CONSPICUITY, RED & WHITE, 2" WIDE MISC. 23 1 EP11021 VENT, PRESSURE/VACUUM, 2" POLY 22 12 EP11380 NUT, #10-32, W/TOOTH WASHER SS 21 12 EP11381 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 25 1 EP11493 STRAP ASSEMBLY, CARGO, 27-FEET LONG, 7000# RATING MISC. 26 1 EP11438 LIGHT, CLEARANCE, AMBER, REFLECTIVE PLASTIC 27 1 EP11434 LIGHT, CLEARANCE, AMBER, REFLECTIVE PLASTIC 28 1 EP11435 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 29 1 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 20 1 EP11420 CORD, TRAILER, OF NACH CONSTRUCTIVE NA STEEL 21 EP11430 GUICK-LINK, SAFETY CABLE, 1/2" STEEL 21 EP11420 CORD, TRAILER, 6-POLE, TO MATCH TRAILER CORD NA 29 1 EP11425 KIT, BREAK-AWAY, ELECTRIC WIRING NA 29 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 20 EP11427 CORD, TRAILER, 6-POLE 31 EP11428 STEEL 32 EP11430 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 33 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 34 SEEL 35 EF11510 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 35 EF11510 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 35 EF11520 ANGLE GUIDE SET, SINGLE TOTE TRAILER 36 STEEL 37 EF11622 ANGLE GUIDE SET, SINGLE TOTE TRAILER 37 STEEL 38 EF11821 ANGLE GUIDE SET, SINGLE TOTE TRAILER 38 EF11821 ANGLE GUIDE SET, SINGLE TOTE TRAILER 38 EF11821 ANGLE GUIDE SET, SINGLE TOTE TRAILER 39 STEEL 31 SET EF11622 ANGLE GUIDE SET, SINGLE TOTE TRAILER 39 STEEL 30 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 39 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 40 EF11520 ANGLE GUIDE SET, SINGLE TOTE TRAILER 41 EF11449 ANGLE GUIDE SET, SINGLE TOTE TRAILER 41 EF11449 ANGLE GU		34	1	Z70-103-01	VALVE, BALL, 1/2" MANUAL	BRASS
31		33	2	EP11867	REFLECTOR, AMBER RECT, SELF-ADHESIVE W/MOUNT HOLES	PLASTIC
30 10 Z09-002-003		32	2		REFLECTOR, RED RECT., SELF-ADHESIVE W/MOUNT HOLES	PLASTIC
29 10 Z09-010-020 WASHER, FLAT, 3/8" SS 28 10 Z09-011-016 BOLT, 3/8"-16 X 1-1/4" LONG SS 27 2 EF11638 LABEL, LOGO, 11" X 3-1/2" MISC. 26 1 EF11696 LABEL, VEHICLE IDENTIFICATION NUMBER MISC. 25 1 EF11695 LABEL, TIRE TREAD ACT 24 IS FT. EP11508 TAPE, CONSPICUITY, RED & WHITE, 2" WIDE MISC. 24 IS FT. EP11508 TAPE, CONSPICUITY, RED & WHITE, 2" WIDE MISC. 22 12 EP11380 NUT, #10-32, W/TOOTH WASHER 22 12 EF11381 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 20 1 EF11389 STRAP ASSEMBLY, CARGO, 27-FEET LONG, 7000# RATING MISC. 19 1 EF11432 LIGHT BAR, IDENTIFICATION, RED LED SS/PLASTIC 18 1 EF11435 LIGHT, CLEARANCE, AMBER, REFLECTIVE PLASTIC 16 2 EF11434 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 16 2 EF11431 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 17 2 EF11431 LIGHT, STOP/TAIL/TURN, REFLECTIVE SS/PLASTIC 14 2 EF11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 3 2 EF11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 11 1 EF11426 BOX, JUNCTION, ELECTRIC WIRING NA 11 1 EF11426 BOX, JUNCTION, ELECTRIC BRAKES, W/CHARGER NA 8 2 EF11380 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE-TOUR TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 5 2 EF11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER		31	2	EP11862	LIGHT, CLEARANCE/MARKER, AMBER-RED, FENDER MOUNT	PLASTIC
28		30	10	Z09-002-003	NUT, NY-LOCK, 3/8"-16	
27 2 EF11638		29	10		WASHER, FLAT, 3/8"	
26		28	10		BOLT, 3/8"-16 X 1-1/4" LONG	SS
25		27	2	EF11638	LABEL, LOGO, 11" X 3-1/2"	MISC.
24 15 FT. EP11508 TAPE, CONSPICUITY, RED & WHITE, 2" WIDE MISC. 23 1 EP11021 VENT, PRESSURE/VACUUM, 2" POLY 22 12 EP11380 NUT, #10-32, W/T00TH WASHER SS 21 12 EP11381 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS 20 1 EP11389 STRAP ASSEMBLY, CARGO, 27-FEET LONG, 7000# RATING MISC. 19 1 EP11432 LIGHT BAR, IDENTIFICATION, RED LED SS/PLASTIC 18 1 EP11435 LIGHT, LICENSE, GRAY HOUSING PLASTIC 17 2 EP11434 LIGHT, CLEARANCE, AMBER, REFLECTIVE PLASTIC 16 2 EP11433 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 15 2 EP11431 LIGHT, STOP/TAIL/TURN, REFLECTIVE SS/PLASTIC 14 2 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 13 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 14 1 EP11428 CORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD NA 11 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 9 1 EP11425 KIT, BREAK-AWAY, ELECTRIC BRAKES, W/CHARGER NA 8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STAINLESS STEEL 2 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL		26	1		LABEL, VEHICLE IDENTIFICATION NUMBER	MISC.
* 23		25	1	EP11695	LABEL, TIRE TREAD ACT	MISC.
22 12		24	15 FT.	EP11508	TAPE, CONSPICUITY, RED & WHITE, 2" WIDE	MISC.
21 12 EP11381 SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG SS	*	23	1		VENT, PRESSURE/VACUUM, 2"	POLY
* 20		22	12	EP11380	NUT, #10-32, W/TOOTH WASHER	SS
19 1 EP11432 LIGHT BAR, IDENTIFICATION, RED LED SS/PLASTIC 18 1 EP1435 LIGHT, LICENSE, GRAY HOUSING PLASTIC 17 2 EP11434 LIGHT, CLEARANCE, AMBER, REFLECTIVE PLASTIC 16 2 EP11433 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 15 2 EP11431 LIGHT, STOP/TAIL/TURN, REFLECTIVE SS/PLASTIC 14 2 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 13 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 13 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 14 1 EP11428 CORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD NA 11 1 EP11427 CORD, TRAILER, 6-POLE 10 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 9 1 EP11426 BOX, JUNCTION, ELECTRIC BRAKES, W/CHARGER NA 8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER STEEL 2		21	12	EP11381	SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG	SS
18	*	20	1	EP11389	STRAP ASSEMBLY, CARGO, 27-FEET LONG, 7000# RATING	MISC.
17 2 EP11434 LIGHT, CLEARANCE, AMBER, REFLECTIVE PLASTIC 16 2 EP11433 LIGHT, CLEARANCE, RED, REFLECTIVE PLASTIC 15 2 EP11431 LIGHT, STOP/TAIL/TURN, REFLECTIVE SS/PLASTIC 15 2 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 14 2 EP11429 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 13 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 14 12 1 EP11428 CORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD NA 15 1 EP11427 CORD, TRAILER, 6-POLE NA 16 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 17 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 18 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 19 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 10 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 2 STEEL 2 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL		19	1	EP11432	LIGHT BAR, IDENTIFICATION, RED LED	SS/PLASTIC
16 2 EP11433		18	1	EP11435	LIGHT, LICENSE, GRAY HOUSING	PLASTIC
15 2 EP11431 LIGHT, STOP/TAIL/TURN, REFLECTIVE SS/PLASTIC 14 2 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 13 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 12 1 EP11428 CORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD NA 11 1 EP11427 CORD, TRAILER, 6-POLE 10 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 9 1 EP11425 KIT, BREAK-AWAY, ELECTRIC BRAKES, W/CHARGER NA 8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER STEEL 2 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL		17	2	EP11434	LIGHT, CLEARANCE, AMBER, REFLECTIVE	PLASTIC
14 2 EP11429 SAFETY CABLE, WITH ONE S-HOOK, 36" LONG STEEL 13 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 12 1 EP11428 CORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD NA 11 1 EP11427 CORD, TRAILER, 6-POLE NA 10 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 9 1 EP11425 KIT, BREAK-AWAY, ELECTRIC BRAKES, W/CHARGER NA 8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER STEEL 2 ANGLE GUIDE SET, SINGLE TOTE TRAILER		16	2		LIGHT, CLEARANCE, RED, REFLECTIVE	PLASTIC
13 2 EP11430 QUICK-LINK, SAFETY CABLE, 1/2" STEEL 12 1 EP11428 CORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD NA 11 1 EP11427 CORD, TRAILER, 6-POLE NA 10 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 9 1 EP11425 KIT, BREAK-AWAY, ELECTRIC BRAKES, W/CHARGER NA 8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER STEEL 2 2 STEEL STEEL 5 STEEL STEEL STEEL 6 STEEL STEEL STEEL STEEL 7 STAINLESS STEEL STEEL STEEL STEEL STEEL 8 STEEL		15	2		LIGHT, STOP/TAIL/TURN, REFLECTIVE	SS/PLASTIC
* 12		14		EP11429	SAFETY CABLE, WITH ONE S-HOOK, 36" LONG	STEEL
11 1 EP11427 CORD, TRAILER, 6-POLE NA 10 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 9 1 EP11425 KIT, BREAK-AWAY, ELECTRIC BRAKES, W/CHARGER NA 8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 304 SS 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL		13	2		QUICK-LINK, SAFETY CABLE, 1/2"	STEEL
10 1 EP11426 BOX, JUNCTION, ELECTRIC WIRING NA 9 1 EP11425 KIT, BREAK-AWAY, ELECTRIC BRAKES, W/CHARGER NA 8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 304 SS 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL	*	12	1	EP11428	CORD, VEHICLE, 6-POLE, TO MATCH TRAILER CORD	NA
9 1 EP11425 KIT, BREAK-AWAY, ELECTRIC BRAKES, W/CHARGER NA 8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 304 SS 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL		11	1	EP11427	CORD, TRAILER, 6-POLE	NA
8 2 EP11386 PIN, HD SPRING-LOADED, 1/2" X 2-1/2" STAINLESS STEEL 7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 304 SS 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL 2		10	1	EP11426	BOX, JUNCTION, ELECTRIC WIRING	NA
7 1 EF11449 TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER STEEL 6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 304 SS 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL 2		9	1	EP11425	KIT, BREAK-AWAY, ELECTRIC BRAKES, W/CHARGER	NA
6 2 EF11510 PIN, HD SPRING-LOADED, 5/8" X 2-1/2" STAINLESS STEEL 5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 304 SS 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL 2		8	2	EP11386	PIN, HD SPRING-LOADED, 1/2" X 2-1/2"	STAINLESS STEEL
5 2 EP11447 JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND STEEL 4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 304 SS 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL 2		7	1	EF11449	TIE-BAR, REAR, SINGLE/DUAL TOTE TRAILER	STEEL
4 3 EF11823 BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER 304 SS 3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL 2		6	2	EF11510	PIN, HD SPRING-LOADED, 5/8" X 2-1/2"	STAINLESS STEEL
3 1 SET EF11822 ANGLE GUIDE SET, SINGLE TOTE TRAILER STEEL 2		5	2		JACK, SWING-DOWN, 5000#(2273KG), SIDE-WIND	STEEL
2		4	3	EF11823	BAR, SLIDE, 1/8" X 2" X 69", SINGLE TOTE TRAILER	304 SS
		3	1 SET	EF11822	ANGLE GUIDE SET, SINGLE TOTE TRAILER	STEEL
1 1 FE11817 TRAILED FRAME ACCEMBLY WELDER CINCLE TOTE		2				
I I LIIIOI/ KAILEK FKAME ASSEMBLY, WELDED, SINGLE UIE SIEEL		1	1	EF11817	TRAILER FRAME ASSEMBLY, WELDED, SINGLE TOTE	STEEL

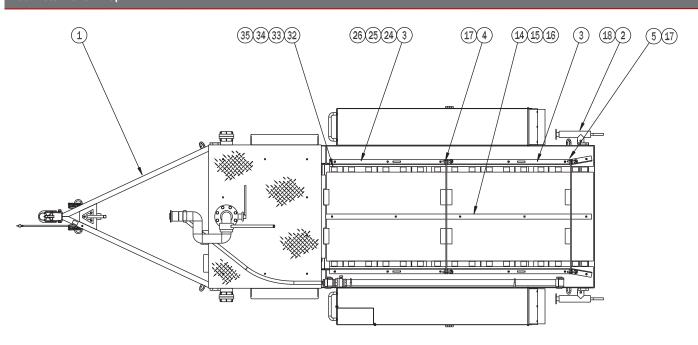
^{*} ITEMS INCLUDED BUT NOT SHOWN



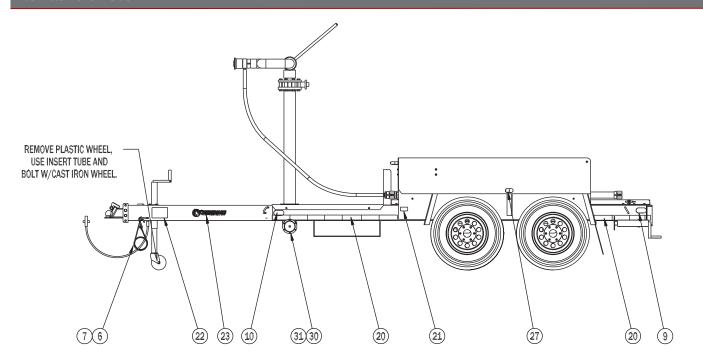
Foam Concentrate Tote Trailers

Dual Tote Trailer - Technical Drawings

Dual Tote Trailer - Top



Dual Tote Trailer - Side

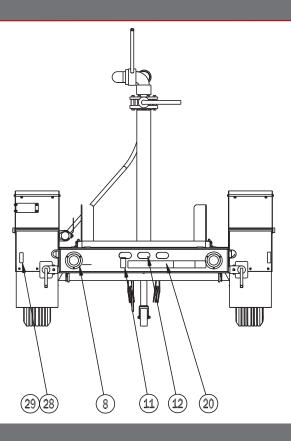




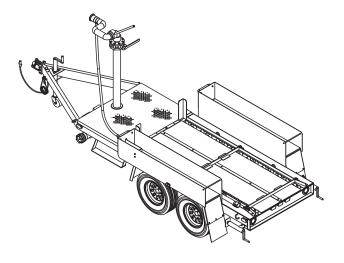
Foam Concentrate Tote Trailers

Dual Tote Trailer - Technical Drawings

Dual Tote Trailer - Rear



Dual Tote Trailer - Final Assembly



NOTE:

- 1. ONLY BASE ASSEMBLY COMMON COMPONENTS SHOWN ON THIS
- 2. REFER TO APPROPRIATE OPTION DRAWINGS FOR ASSEMBLY OF EACH SELECTED OPTION.
- 3. THE FOLLOWING ITEMS ARE TO SHIP LOOSE FOR CUSTOMER INSTALLATION:

INSTALLATION:
ITEM 6 - 36" LONG SAFETY CABLE WITH HOOK
ITEM 7 - 1/2" QUICK LINK
ITEM 13 - CARGO STRAP ASSEMBLY
ITEM 19 - 2" PRESSURE VACUUM VENT

REFER TO OPTION DRAWINGS FOR OTHER ITEMS THAT NEED

TO SHIP LOOSE.

4. FORWARD LABELS, ITEMS 21 AND 22, TO ENGINEERING TO BE FILLED OUT BEFORE APPLYING TO TRAILER.



Foam Concentrate Tote Trailers

Dual Tote Trailer - Technical Drawings

Dual Tote Trailer - Technical Drawing Breakdown

	ITEM	QTY.	PART #	DESCRIPTION	MATERIAL
*	40	14	EP11972	CABLE TIE PUSH MOUNT, TREE TYPE, FOR 1/4" HOLE, BLACK	NYLON
*	39	20	EP11977	GROMMET, WIRE, 3/16" OD X 1/8" ID	RUBBER
*	38	2	EP11973	GROMMET, WIRE, 1" OD X 3/4" ID	RUBBER
*	37	1	EP11976	GROMMET, WIRE, 1/2" OD X 3/8" ID	RUBBER
*	36	1	EP11974	STRAIN RELIEF, ELECTRICAL, 1/2" NPT, BLACK	PLASTIC
	35	32	EP12010	HAIRPIN, 1-5/16" LONG, 0.062" WIRE	18-8 SS
	34	32	EP11808	RETAINING RING, E-STYLE, BLACK PHOSPHATE COATED, 13MM	STEEL
	33	32	EF11800	PIN, HINGE, 1/2" X 4-1/2", WITH RETAINING RING GROOVES	STEEL
	32	32	EP11798	ROLLER, TOTE TRAILER, 2-1/4" OD, 1/2" ID, 2" LONG, ANNODIZED	ALUMINUM
	31	1	Z06-032-004	NIPPLE, CLOSE, 1/2" SCH. 40	BRASS
	30	1	Z70-103-01	VALVE, BALL, 1/2", MANUAL	BRASS
**	29	2	EP11867	REFLECTOR, AMBER RECTANGULAR, SELF-ADHESIVE W/MOUNTING HOLES	PLASTIC
	28	2	EP11866	REFLECTOR, RED RECTANGULAR, SELF-ADHESIVE W/MOUNTING HOLES	PLASTIC
	27	2	EP11862	LIGHT, CLEARANCE/MARKER, FENDER MOUNT, AMBER-RED	PLASTIC
	26	16	Z09-010-020	WASHER, FLAT, 3/8"	SS
	25	16	Z09-002-003	NUT, LOCK, 3/8"-16	SS
	24	16	Z09-011-016	BOLT, 3/8"- 16 X 1-1/4" LONG	SS
	23	2	EF11638	LABEL, LOGO, 11" X 3-1/2"	MISC
	22	1	EP11696	LABEL, VEHICLE IDENTIFICATION NUMBER	MISC
	21	1	EP11695	LABEL, TIRE TREAD ACT	MISC
	20	15 (15.0 FT)	EP11508	TAPE, CONSPICUITY, RED & WHITE, 2" WIDE	MISC
*	19	2	EP11021	VENT, PRESSURE/VACUUM, 2"	POLY
	18	2	EP11510	PIN, SPRING LOADED, QUICK RELEASE, 5/8" X 2-1/2" LONG, HEAVY DUTY	SS
	17	4	EP11386	PIN, SPRING LOADED, QUICK RELEASE, 1/2" X 2-1/2" LONG, HEAVY DUTY	SS
	16	5	EP11380	NUT, W/TOOTH WASHER, #10-32	SS
	15	5	EP11381	SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG	SS
	14	2	EF11437	BAR, SLIDE	SS
*	13	2	EP11389	STRAP ASSEMBLY, CARGO, 27', 7000#	MISC
	12	1	EP11432	LIGHT BAR, IDENTIFICATION, RED LED	SS/POLY
	11	1	EP11435	LIGHT, LICENSE, GRAY HOUSING	POLY
	10	2	EP11434	LIGHT, CLEARANCE, AMBER, REFLECTIVE	POLY
	9	2	EP11433	LIGHT, CLEARANCE, RED, REFLECTIVE	POLY
	8	2	EP11431	LIGHT, STOP/TAIL/TURN, REFLECTIVE	SS/POLY
	7	2	EP11430	QUICK LINK, 1/2" (INSTALL QUICK LINK ON SAFETY CABLE)	STEEL
	6	2	EP11994	SAFETY CABLE, HOOK ONE END, 36" LONG	STEEL
	5	1	EF11449	REAR TIE BAR	STEEL
	4	1	EF11448	FRONT TIE BAR	STEEL
	3	1	EF11438	ANGLE GUIDE SET	STEEL
	2	2	EP11447	JACK, SWING DOWN, 5000#, SIDE WIDE	STEEL
	1	1	EF11399R	FRAME, DUAL TOTE TRAILER	STEEL

^{*} NOT SHOWN

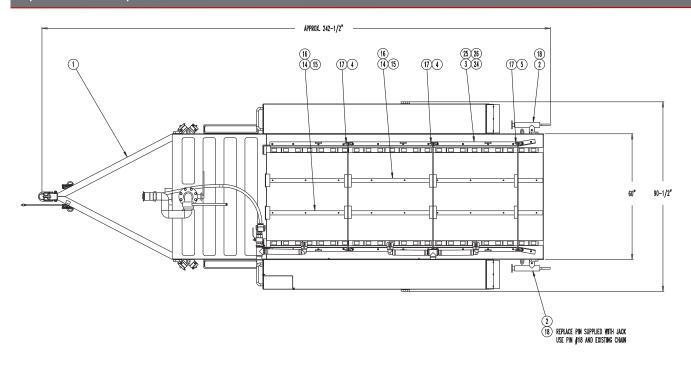
^{**} MOUNTED ON FRONT



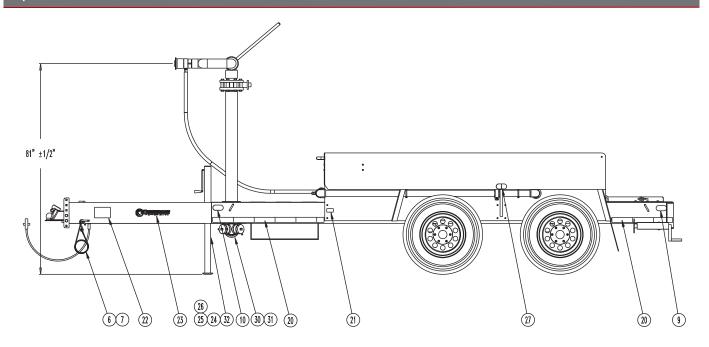
Foam Concentrate Tote Trailers

Triple Tote Trailer - Technical Drawings

Triple Tote Trailer - Top



Triple Tote Trailer - Side

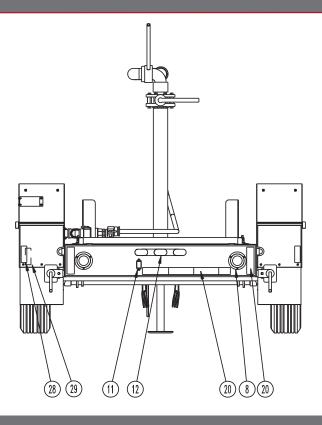




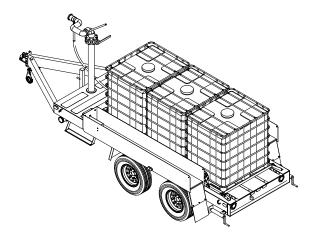
Foam Concentrate Tote Trailers

Triple Tote Trailer - Technical Drawings

Triple Tote Trailer - Rear



Triple Tote Trailer - Final Assembly



- 1. ONLY BASE ASSEMBLY COMMON COMPONENTS SHOWN ON THIS DRAWING.
- 2. REFER TO APPROPRIATE OPTION DRAWINGS FOR ASSEMBLY OF EACH SELECTED OPTION.
- 3. THE FOLLOWING ITEMS ARE TO SHIP LOOSE FOR CUSTOMER INSTALLATION:

ITSTALLATION:
ITEM 6 - 36" LONG SAFETY CHAIN WITH HOOK
ITEM 7 - 1/2" QUICK LINK
ITEM 13 - CARGO STRAP ASSEMBLY
ITEM 19 - 2" PRESSURE VACUUM VENT

REFER TO OPTION DRAWINGS FOR OTHER ITEMS THAT NEED TO SHIP LOOSE.

4. FORWARD LABELS, ITEMS 21 AND 22, TO ENGINEERING TO BE FILLED OUT BEFORE APPLYING TO TRAILER.



Foam Concentrate Tote Trailers

Triple Tote Trailer - Technical Drawings

Triple Tote Trailer - Technical Drawing Breakdown

	ITEM	QTY	PART #	DESCRIPTION	MATERIAL
	32	1	EP11993	JACK, BOLT-ON, DROP LEG, 2500#, 2.5" SQUARE TUBING	STEEL
	31	1	Z06-032-004	NIPPLE, CLOSE, 1/2" SCH. 40	BRASS
	30	1	Z70-103-01	VALVE, BALL, 1/2", MANUAL	BRASS
**	29	2	EP11867	REFLECTOR, AMBER RECTANGULAR, SELF-ADHESIVE W/MOUNTING HOLES	PLASTIC
	28	2	EP11866	REFLECTOR, RED RECTANGULAR, SELF-ADHESIVE W/MOUNTING HOLES	PLASTIC
	27	2	EP11862	LIGHT, CLEARANCE/MARKER, FENDER MOUNT, AMBER-RED	PLASTIC
	26	64	Z09-010-020	WASHER, FLAT, 3/8"	SS
	25	32	Z09-002-003	NUT, LOCK, 3/8"-16	SS
	24	32	Z09-011-016	BOLT, 3/8"- 16 X 1-1/4" LONG	SS
	23	2	EF11638	LABEL, LOGO, 11" X 3-1/2"	MISC
	22	1	EP11696	LABEL, VEHICLE IDENTIFICATION NUMBER	MISC
	21	1	EP11695	LABEL, TIRE TREAD ACT	MISC
	20	15 (15.0 FT)	EP11508	TAPE, CONSPICUITY, RED & WHITE, 2" WIDE X 12" LONG	MISC
*	19	3	EP11021	VENT, PRESSURE/VACUUM, 2"	POLY
	18	2	EP11510	PIN, SPRING LOADED, QUICK RELEASE, 5/8" X 2-1/2" LONG, HEAVY DUTY	SS
	17	6	EP11386	PIN, SPRING LOADED, QUICK RELEASE, 1/2" X 2-1/2" LONG, HEAVY DUTY	SS
	16	18	EP11380	NUT, W/TOOTH WASHER, #10-32	SS
	15	18	EP11381	SCREW, FLAT HEAD, UNDERCUT, #10-32 X 3/4" LONG	SS
	14	2	EF11996	BAR, SLIDE, 1/8" X 2" X 131-7/8"	SS
*	13	3	EP11389	STRAP ASSEMBLY, CARGO, 27', 7000#	MISC
	12	1	EP11432	LIGHT BAR, IDENTIFICATION, RED LED	SS/POLY
	11	1	EP11435	LIGHT, LICENSE, GRAY HOUSING	POLY
	10	2	EP11434	LIGHT, CLEARANCE, AMBER, REFLECTIVE	POLY
	9	2	EP11433	LIGHT, CLEARANCE, RED, REFLECTIVE	POLY
	8	2	EP11431	LIGHT, STOP/TAIL/TURN, REFLECTIVE	SS/POLY
	7	2	EP11430	QUICK LINK, 1/2" (INSTALL QUICK LINK ON SAFETY CHAIN)	STEEL
	6	2	EP11994	SAFETY CHAIN, 3/8" DIA. LINKS, 35" LONG W/LATCHING HOOK	STEEL
	5	1	EF11999	REAR TIE BAR	STEEL
	4	2	EF11998	FRONT TIE BAR	STEEL
	3	1	EF11995	ANGLE GUIDE SET	STEEL
	2	2	EP10826	JACK, SWING DOWN, 5000#, SIDE WIDE	STEEL
	1	1	EF11789	FRAME, TRIPLE TOTE TRAILER	STEEL

^{*} NOT SHOWN

^{**} MOUNTED ON FRONT