

Power-PRO™ TL Cot





















REF 6550

stryker®

Maintenance Manual



Symbols

	Refer to instruction manual/booklet
	Operating instructions
	CE mark
	European authorized representative
	General warning
	Caution
	Warning; crushing of hands
	Warning; non-ionizing radiation
	No pushing
	Do not lubricate
	Catalogue number
	Lot (batch) code
	Serial number
	For US Patents see www.stryker.com/patents
	Manufacturer
	Date of manufacture
	Safe working load
	Type B applied part
	Medical Equipment Classified by Underwriters Laboratories Inc. With Respect to Electric Shock, Fire, and Mechanical Hazards Only in Accordance with ANSI/AAMI ES60601-1: 2005 and CAN/CSA-C22.2 No. 60601-1:08.
	Direct current

Symbols









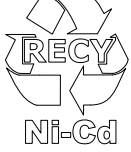
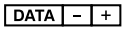
~	Alternating current
	Class II electrical equipment: equipment in which protection against electric shock does not rely on basic insulation only, but in which additional safety precautions such as double insulation or reinforced insulation are provided, there being no provision for protective earthing or reliance upon installation conditions.
	Dangerous voltage
	SMRT power system
	Extend
	Retract
IPX0	Non-protected
IPX6	Protection from powerful water jets
	In accordance with European Directive 2002/96/EC on Waste Electrical and Electronic Equipment, this symbol indicates that the product must not be disposed of as unsorted municipal waste, but should be collected separately. Refer to your local distributor for return and/or collection systems available in your country.
	WEEE Directive (2012/96/EC). Contains cadmium.
	The Rechargeable Battery Recycling Corporation (RBRC) is a non-profit, public service organization that promotes the recycling of portable rechargeable batteries. Batteries must be delivered to a battery collection site. Visit the RBRC website (www.rbrc.org) to find a nearby collection site or call the phone number shown on the recycling symbol.
	Contains nickel cadmium cells and should be recycled accordingly
	Battery terminal identification (data line, negative, and positive)
KRX 23/44	Ni-Cd cell identification per IEC 61951-1:2003
2300 mAh (1.2A/2h)	Battery capacity, typical charge, and duration

Table of Contents

Warning/Caution/Note Definition	5
Summary of safety precautions	6
Pinch points	6
Mechanical stability	7
Introduction	9
Product description	9
Indications for use	9
Expected service life	9
Contraindications.....	10
Specifications - Power-PRO	10
Standards with required options	11
Specifications - SMRT	12
Product illustration - Power-PRO	13
Product illustration - SMRT	14
Contact information.....	14
Serial number location - Power-PRO	15
Serial number location - SMRT	15
Date of manufacture	15
Cleaning.....	16
Cleaning procedure	16
Suggested cleaners	16
Cleaning the charger	17
Cleaning the battery.....	17
Preventive maintenance.....	19
Lubrication.....	19
Regular inspection and adjustments	19
Maintenance record.....	23
Training record	24
Quick reference replacement parts	25
Quick reference replacement parts	25
Quick reference replacement parts	26
Troubleshooting	28
Electronic and hydraulics locator	28
Hydraulic manifold components locator	29
Wiring schematics	30
Electrical system block diagram - lower and retract functions.....	31
Electrical system block diagram - lift and extend functions	32
Troubleshooting guide	32
Litter drifts (without patient weight)	32
Base drifts (without patient weight)	32
Litter does not lower in the powered mode	33
Litter does not extend in the powered mode - check the power indicator LED	33
Litter does not extend in power mode - check motor.....	33

Table of Contents

Base does not retract in the powered mode.....	33
Base does not extend in the manual mode	34
Base does not retract in the manual mode	34
Litter does not retract in manual mode (with patient weight)	34
Litter does not extend in the manual mode	34
High speed retract does not engage	34
Main cable assembly.....	35
Electronics assembly	35
Electronics assembly wiring schematics	36
SMRT charger power LED is NOT illuminated	37
SMRT charger will not charge the SMRT Pak	37
SMRT charger indicator LEDs are NOT illuminated when the Pak is inserted	37
A fully charged SMRT Pak does not provide sufficient power for cot operation.....	38
SMRT charger indicates a SMRT Pak error (amber LED), but the Pak performs well on the cot.....	38
Charger indicates a temperature delay (flashing amber LED), but the Pak is within the normal operating temperature range	38
Service	39
Accessing the hydraulic subassembly (6550-001-030)	39
Manual release cable adjustment	39
Filling the hydraulics assembly reservoir	40
Wheel locking force adjustment.....	40
Siderail assembly replacement (standard)	41
Siderail assembly replacement (XPS option)	41
Ratchet assembly replacement (XPS option)	43
Release handle assembly replacement (XPS option).....	44
Spring handle assembly replacement (XPS option).....	45
12 VDC automotive cable fuse replacement.....	45
Cot assembly.....	47
Base assembly	55
Two wheel lock option	61
Four wheel lock option.....	62
Caster horn assembly.....	63
Adjustable caster lock assembly	64
Inner lift tube assembly, litter pivot, right - 6550-001-034.....	65
Inner lift tube assembly, litter pivot, left - 6550-001-035	66
Hitch assembly, head end	67
Standard siderail	70
Siderail assembly - 6082-026-010.....	71
Outer rail, right.....	72
Outer rail, left	73
Optional siderail (XPS option).....	74
XPS main assembly, right - 6500-003-034	75
XPS main assembly, left - 6500-003-044.....	76

Table of Contents

Oxygen bottle holder option - 6550-150-000	77
Mounted hydraulics assembly	78
Hydraulics subassembly	80
Hitch assembly, foot end	81
Switch assembly	85
Switch housing assembly	86
Telescoping foot end - 6550-001-015	87
Telescoping head section - 6550-001-020	89
Fowler assembly	91
Gatch assembly	92
Gatch telescoping assembly - 6550-001-017	95
Optional push bar - 6550-040-000.....	96
Optional corner handle assembly	97
EMS restraint package - 6060-160-010	98
Restraint extender, 3' - 6082-160-050	99
Battery pack, SMRT - 6500-033-000	100
Defibrillator platform - 6550-170-000	101
Optional defibrillator platform assembly - 6082-170-000	102
Defibrillator platform common components	103
Equipment hook - 6500-147-000	105
No IV pole assembly option.....	106
Two-stage IV pole, right - 6550-310-000	107
IV pole assembly, two-stage, right - 6500-101-041	108
Two-stage IV pole, left - 6550-311-000	109
IV pole assembly, two-stage, left - 6500-101-042	110
Two-stage IV pole, dual - 6550-312-000	111
Three-stage IV pole, right - 6550-315-000.....	112
IV pole assembly, three-stage, right - 6500-101-043	113
Three-stage IV pole, left - 6550-316-000	114
IV pole assembly, three-stage, left - 6500-101-044	115
Three-stage IV pole, dual - 6550-317-000	116
Oxygen bottle holder	117
Removable oxygen bottle holder - 6080-140-000	118
Base storage net - 6500-160-000	119
Backrest pouch - 6500-130-000	120
Mattress, flat - 6550-001-084.....	121
Mattress, flat - 6550-001-295.....	122
Mattress, gatch bolster (XPS option) - 6500-003-130	123
Recycling passport	124
Recycling passport	125
Recycling passport	126
Recycling passport	127
Recycling passport	128

Table of Contents

Recycling passport	129
Recycling passport	130
Recycling passport	131
Recycling passport	132
EMC information	133
Warranty	138
Warranty exclusion and damage limitations	138
To obtain parts and service.....	139
Return authorization.....	139
Damaged product.....	139
International warranty clause	139

Warning/Caution/Note Definition

The words **WARNING**, **CAUTION**, and **NOTE** carry special meanings and should be carefully reviewed.

WARNING

Alerts the reader about a situation which, if not avoided, could result in death or serious injury. It may also describe potential serious adverse reactions and safety hazards.

CAUTION

Alerts the reader of a potentially hazardous situation which, if not avoided, may result in minor or moderate injury to the user or patient or damage to the product or other property. This includes special care necessary for the safe and effective use of the device and the care necessary to avoid damage to a device that may occur as a result of use or misuse.

Note: Provides special information to make maintenance easier or important instructions clearer.

Summary of safety precautions

Carefully read and strictly follow the warnings and cautions listed on this page. Service only by qualified personnel.

WARNING

- Always keep your hands clear of the red safety bar pivots when you load, unload, or change the height position of the cot.
 - Always use both hands when transporting the cot.
 - Always use any appropriate personal protective equipment to avoid inhaling contagion during cleaning. Power washing equipment can aerate contamination.
 - Always wipe the product with clean water and dry after cleaning. Some cleaning products are corrosive in nature and may cause damage to the product. Failure to properly rinse and dry the product leaves a corrosive residue on the surface of the product and may cause premature corrosion of critical components.
 - Always wear insulated rubber gloves, in addition to personal protective equipment, when cleaning the **SMRT** Pak to reduce the risk of injury.
 - Always disconnect the **SMRT** charger from the wall outlet before cleaning to avoid the risk of electrical hazards.
 - Do not spray fluid directly onto the **SMRT** charger.
 - Do not power wash the **SMRT** charger.
 - Do not immerse the **SMRT** charger in water or allow water to collect on top of the **SMRT** charger to avoid the risk of electric shock.
 - Always use only non-conductive materials to wipe the **SMRT** Pak.
 - Always refer to the disinfectant's Material Safety Data Sheet (MSDS) to verify the pH range. Disinfectants with pH levels higher than 10.5 may cause the **SMRT** Pak housing material to crack.
 - Do not directly handle or make contact with the **SMRT** Pak terminals while cleaning to avoid the risk of injury.
 - Do not immerse the **SMRT** Pak in liquid to reduce the risk of electric shock.
 - Do not use solvents, lubricants, or other chemicals to clean the **SMRT** Pak unless otherwise directed.
 - Always relieve pressure before you disconnect hydraulic or other lines. Escaping fluid under pressure can penetrate the skin and cause serious injury. Tighten all connections before you apply pressure. If an accident occurs, see a doctor immediately.
 - Do not use bare hands to check for hydraulic leaks.
-

Pinch points

WARNING

Always keep your hands clear of the red safety bar pivots when you load, unload, or change the height position of the cot.

Summary of safety precautions

Pinch points (Continued)

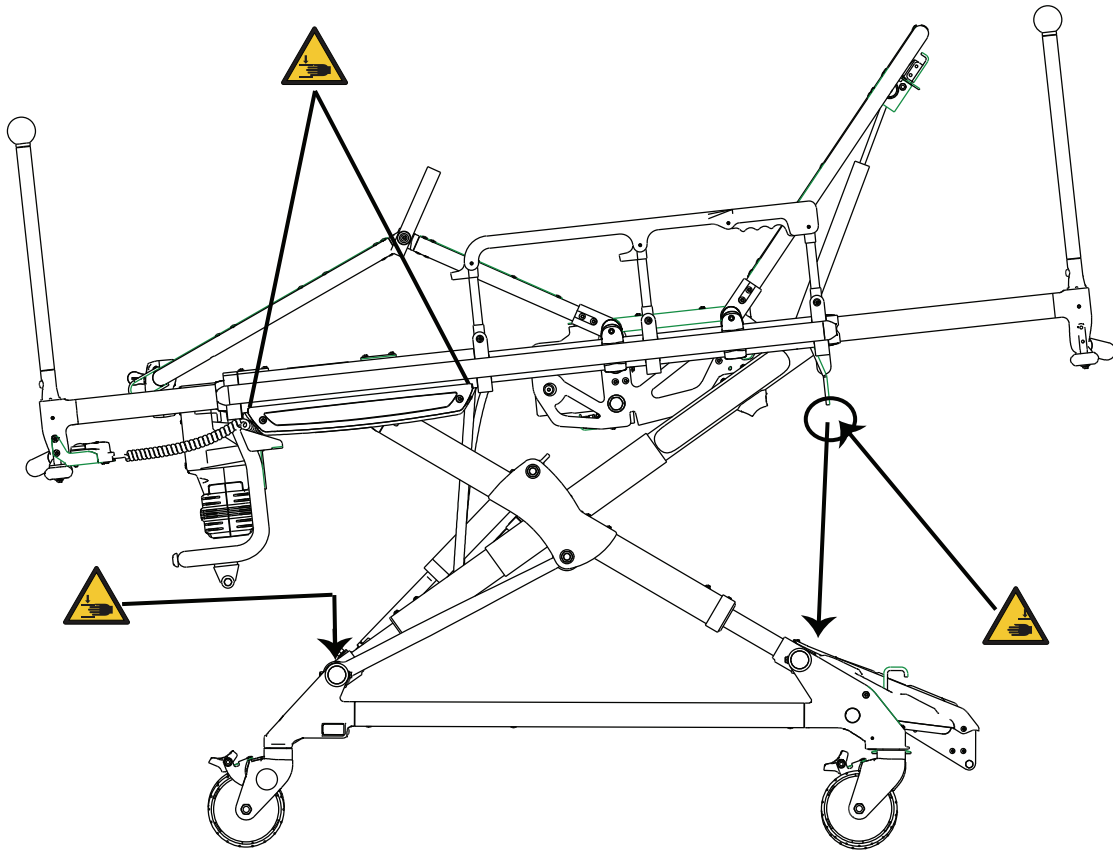


Figure 1: Pinch points

Mechanical stability

⚠ WARNING

Always use both hands when transporting the cot.

Summary of safety precautions

Mechanical stability (Continued)

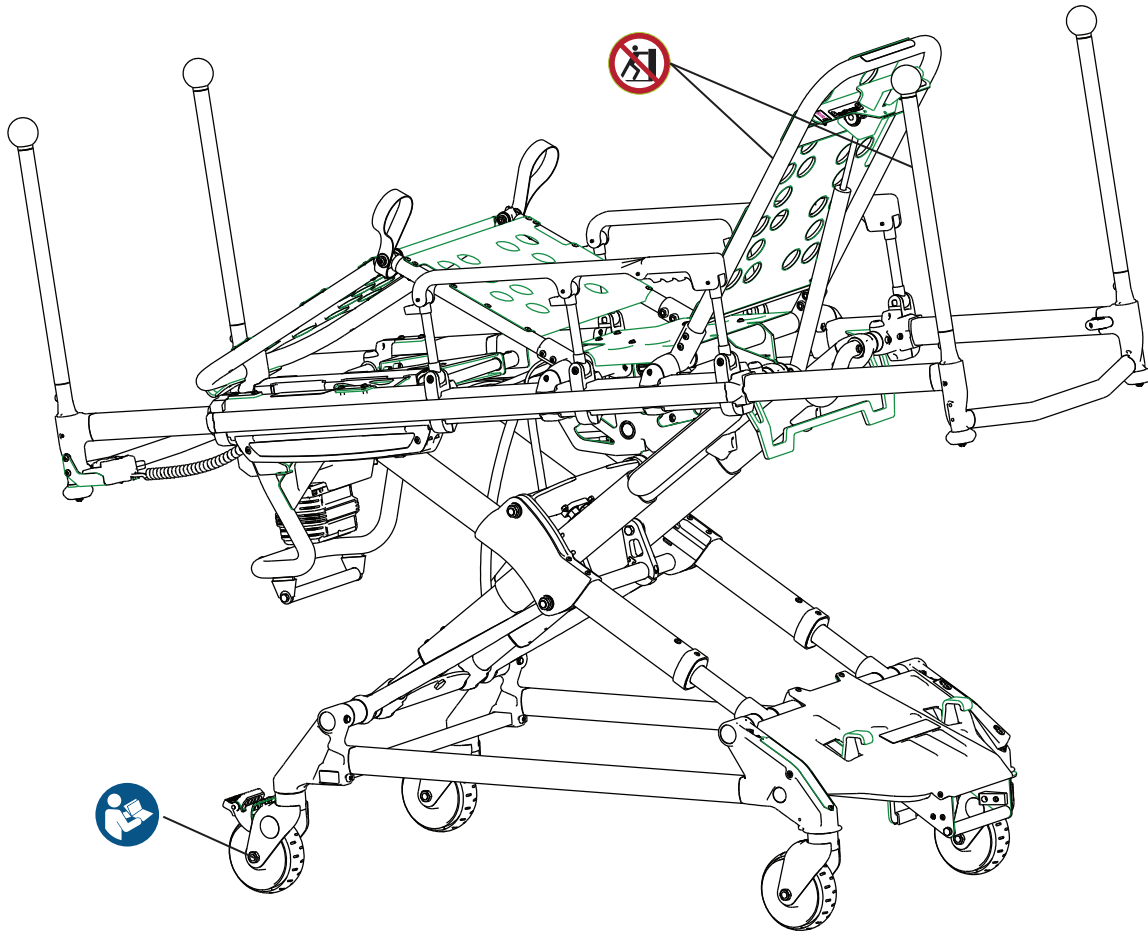


Figure 2: Mechanical stability

Note: If the cot is on a plane steeper than five degrees, place the cot in the lowest position.

Introduction

This manual assists you with the operation or maintenance of your Stryker product. Read this manual before operating or maintaining this product. Set methods and procedures to educate and train your staff on the safe operation or maintenance of this product.

CAUTION

- Improper usage of the product can cause injury to the patient or operator. Operate the product only as described in this manual.
 - Do not modify the product or any components of the product. Modifying the product can cause unpredictable operation resulting in injury to patient or operator. Modifying the product also voids its warranty.
-

Notes

- This manual is a permanent part of the product and should remain with the product even if the product is sold.
- Stryker continually seeks advancements in product design and quality. This manual contains the most current product information available at the time of printing. There may be minor discrepancies between your product and this manual. If you have any questions, contact Stryker Customer Service or Technical Support at 1-800-327-0770.

Product description

The Stryker Model 6550 **Power-PRO™** TL cot is a powered ambulance cot that consists of a platform mounted on a wheeled X-frame designed to support and transport a maximum weight of 700 lb (318 kg) in pre-hospital and hospital environments.

The device is collapsible for use in emergency vehicles and the NiCd battery-powered hydraulic lift system allows operators to raise and lower the cot using the powered controls. The cot is equipped with a manual back-up release handle to allow the operation of cot functions in the event of power loss. The device is equipped with the following: retractable head and foot sections to reduce foot print and allow the cot to maximize maneuverability in tight spaces, side rails, patient securement straps, an adjustable pneumatic backrest and various optional accessories that assist with transport of the patient. Maximum patient comfort is attainable with the three different litter positions of shock, flat leg and optional knee gatch positioning.

The **SMRT™** power system consists of a **SMRT** charger and a **SMRT** Pak. The **SMRT** Pak powers the hydraulic lift system of the Stryker powered ambulance cots.

Indications for use

The Stryker **Power-PRO** TL is a powered wheeled stretcher that is intended to support and transport the entire body of a traumatized, ambulatory or non-ambulatory human patient (includes infants and adults).

The battery-powered hydraulic lift system helps to reduce the effort required by the operator to raise and lower the cot. The device is made to support patients in a supine (horizontal) or sitting position and to facilitate the transportation of associated medical equipment (such as oxygen bottles, monitors, or pumps) in emergency or transport vehicles. This ambulance cot is to be used in pre-hospital and hospital environments, in emergency and non-emergency applications. It is rated to a maximum capacity of 700 pounds (sum of the patient, mattress and accessory weight) and the intended operators of the device are trained professionals, including emergency medical service and medical care center personnel, as well as medical first responders.

Power-PRO TL is not intended for extended stay or use as a hospital bed or in devices that modify air pressure, such as hyperbaric chambers.

Expected service life

Power-PRO has a seven year expected service life under normal use conditions and with appropriate periodic maintenance.

Introduction

Expected service life (Continued)


The **SMRT** charger has a seven year expected service life under normal use conditions and with appropriate periodic maintenance.

The **SMRT** Pak battery has a two year expected service life under normal use conditions.

Contraindications

None known.

Specifications - Power-PRO

	Safe working load Note: Safe working load indicates the sum of the patient, mattress, and accessory weight.	50 stones	318 kg	700 lb
	Maximum unassisted lift capacity	50 stones	318 kg	700 lb
Backrest articulation/shock position (standard fowler - 6506-012-003)		0° to 73°/+15°		
Backrest articulation/shock position (1865 fowler option - 6506-012-004)		0° to 75°/+15°		
Overall length		206 cm		81 in.
Standard length/minimum length/width		194.3 cm/139.7 cm/58 cm		76.5 in./55 in/23 in.
Height ¹		Adjustable from 36 cm to 106 cm		Adjustable from 14 in. to 41.5 in.
Weight ²		10.35 stones	66 kg	145 lb
Caster diameter/width		15 cm/5 cm		6 in./2 in.
Minimum operators required for loading/ unloading an occupied cot		2		
Minimum operators required for loading/ unloading an unoccupied cot		1		
Recommended fastener systems		Model 6385, 6386, 6387, 6388, or 6389		
Double wheel lock/four wheel lock		Standard/optional		
Hydraulic oil		Stryker part number 6500-001-293		
Power system				
Battery		24 VDC NiCd - SMRT power system		
Charger		100-240 VAC 1.20 A, 50/60 Hz or 12 VAC 4.16 A - SMRT power system		

Introduction

Specifications - Power-PRO (Continued)

Cot duty cycle	10% (33 sec. on/5 min. off)
Standards (cots and chargers)	ANSI/AAMI ES60601-1: 2005, CAN/CSA-C22.2 No. 60601-1:08, KKK-A-1822 For standards that require specific options, see Standards with required options on page 11

¹ Height measured from bottom of mattress at seat section to ground level.

² Cot is weighed with one battery and without mattress and restraints.

Stryker reserves the right to change specifications without notice.

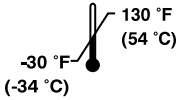
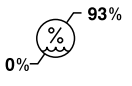
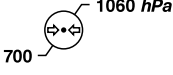
Power-PRO TL is designed to conform to the Federal Specification for the Star-of-Life Ambulance (KKK-A-1822).

Power-PRO TL is designed to be compatible with some competitive cot fastener systems.

Patents pending.

The yellow and black color scheme is a proprietary trademark of Stryker Corporation.

Labels may be unreadable from a viewing distance greater than 12 inches.

Environmental conditions	Operation
Temperature	
Relative humidity	
Atmospheric pressure	

Standards with required options

To be compliant with the standards, you must install the following required options on your cot.

Standard	Option selection		
	Restraint package	Mattress	Option
BS EN 1789:2007+A2:2014 crash-test standards with the use of a crash-rated fastener	EMS restraint package (6060-160-010)	Knee gatch bolster mattress (6550-001-084) or XPS mattress (6500-003-130) (depending on cot siderail)	
BS EN 1865-3:2012 +A1:2015			XPS option (6506-040-000)
BS EN 1865-2:2010 +A1:2015			1865 fowler option (6506-012-004)

Introduction

Specifications - SMRT

	SMRT charger	SMRT Pak	AC power supply
Electrical input	13.9 VDC 4.16 A	Not applicable	100-240 VAC 1.20 A 50/60 Hz
Electrical output	Open circuit 40 VDC 1.20 A	24 VDC NiCd	12 VDC 4.16 A
Height	2.375 in. (60.325 mm)	3.25 in. (82.55 mm)	1.61 in. (40.89 mm)
Width	5.125 in. (130.175 mm)	4 in. (101.6 mm)	2.56 in. (65.02 mm)
Length	7 in. (177.8 mm)	5.75 in. (146.05 mm)	4.72 in. (119.89 mm)
Weight	1.3 lb (.59 kg)	3.8 lb (1.7 kg)	.61 lb (.28 kg)
Enclosure protection	IPX0	IPX6	IPX0
Equipment type	Not applicable	Not applicable	Class II
Approvals	ANSI/AAMI ES60601-1:2005, CAN/CSA-C22.2 No. 60601-1:08	Not applicable	Not applicable

Environmental conditions	Operation	Charging	Storage and transportation
Temperature			
Relative			
Atmospheric pressure			

Specifications are approximate and may vary from unit to unit or as a result of power supply fluctuations.

Stryker reserves the right to change specifications without notice.

Introduction

Product illustration - Power-PRO

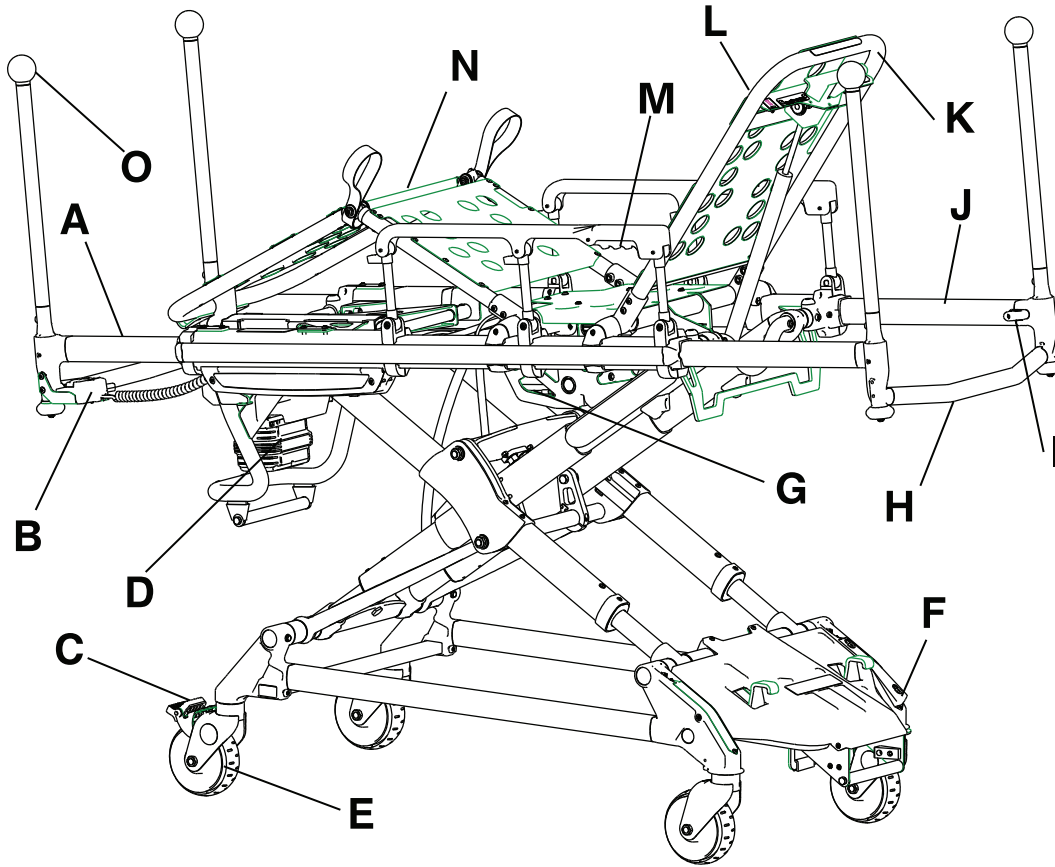


Figure 3: Power-PRO TL

A	Retractable foot section	I	Battery
B	Height adjustment switch	J	Retractable head section
C	Wheel lock	K	Backrest adjustment handle
D	Battery	L	Backrest
E	Load wheels	M	Siderail release handle
F	Steer-LOCK	N	Gatch/leg rest
G	Hydraulic unit	O	Push bars (optional)
H	Head section release handle		

Introduction

Product illustration - SMRT

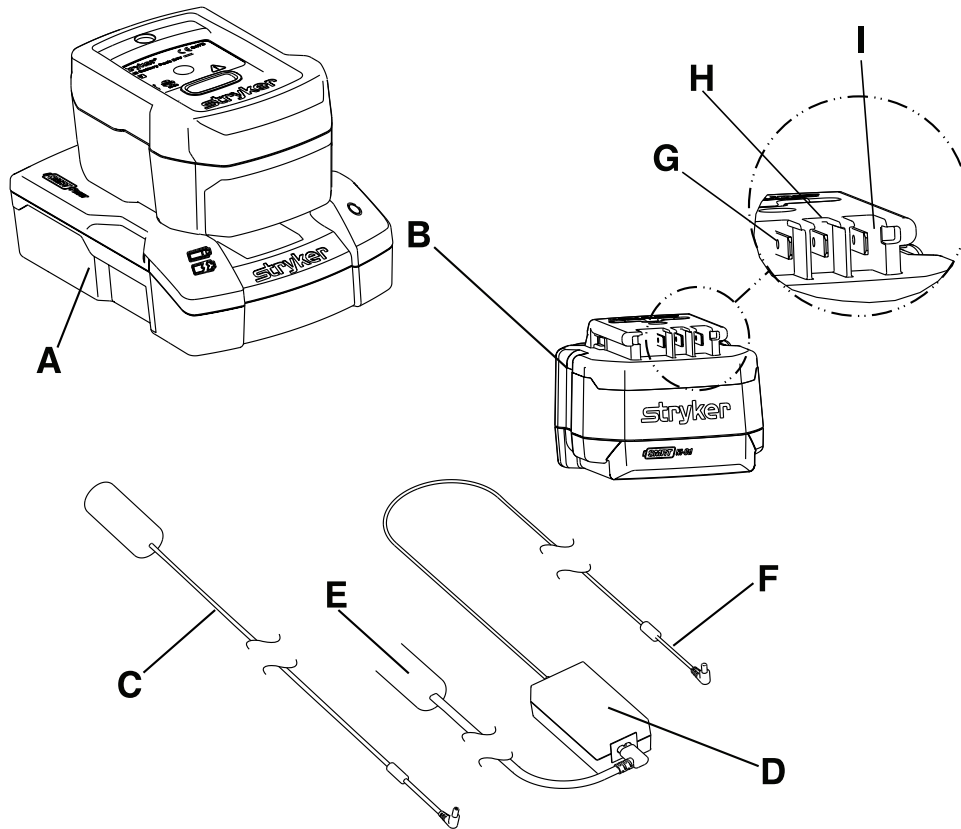


Figure 4: SMRT power system

A	SMRT charger	F	Output cord
B	SMRT Pak	G	Data
C	DC cable	H	Power (-)
D	AC power supply	I	Power (+)
E	AC power cord		

Contact information

Contact Stryker Customer Service or Technical Support at: +44 (0) 1635 262431.

Stryker UK Limited
 Hambridge Rd.
 Newbury, Berkshire
 RG14 5EG, England

To view your operations or maintenance manual online, see <https://techweb.stryker.com>.

Have the serial number (A) of your Stryker product available when calling Stryker Customer Service or Technical Support. Include the serial number in all written communication.

Introduction

Serial number location - Power-PRO

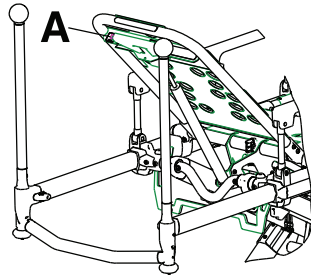


Figure 5: Serial number location

Serial number location - SMRT

The serial number for the **SMRT** charger is located on the bottom of the unit. The lot number for the **SMRT** Pak is located on the top of the **SMRT** Pak above the red release button.

Date of manufacture

The year of manufacture is the first 2 digits of the serial number.

Cleaning

Cleaning procedure

WARNING

Always use any appropriate personal protective equipment, such as goggles or respirator, to avoid the risk of inhaling contagion during cleaning. Use of power washing equipment can aerate contamination that collects during the use of the product.

CAUTION

- Do not steam clean or ultrasonically clean the product.
 - Do not exceed 180 °F (82 °C) as the maximum water temperature.
 - Do not exceed 1500 psi (130.5 bar) as the maximum water pressure. If you are using a hand held wand to wash the product, keep the pressure nozzle at a minimum of 24 in. (61 cm) from the product.
 - Always allow to air dry.
 - Always remove the battery before you wash the cot.
-

The product is power washable. The product may show some signs of oxidation or discoloration from continuous washing. No degradation of the product's performance will occur from power washing as long as you follow the proper procedures.

- Follow the cleaning solution manufacturer's dilution recommendations exactly.
- The preferred method Stryker Medical recommends for power washing the product is with the standard hospital surgical cart washer or hand held wand unit.
- Clean the cot once a month.
- Clean **Velcro**® after each use. Saturate **Velcro**® with disinfectant and allow disinfectant to evaporate. Appropriate disinfectant for nylon **Velcro**® should be determined by the service.
- Do not immerse the restraint strap metal buckle components in water, if applicable. Rinse with clean water. Allow to air dry.

Suggested cleaners

In general, when used in concentrations recommended by the manufacturer, either phenolic type or quaternary (excluding **Virex**® TB) type disinfectants can be used. Iodophor type disinfectants are not recommended for use because staining may occur.

WARNING

Always wipe the product with clean water and dry after cleaning. Some cleaning products are corrosive in nature and may cause damage to the product. Failure to properly rinse and dry the product leaves a corrosive residue on the surface of the product and may cause premature corrosion of critical components.

Suggested cleaners include:

- Quaternary cleaners (active ingredient - ammonium chloride)
- Phenolic cleaners (active ingredient - o-phenylphenol)
- Chlorinated bleach solution (5.25% - less than 1 part bleach to 100 parts water)

Avoid over saturation. Do not allow the product to stay wet longer than the chemical manufacturer's guidelines for proper disinfecting.

Note: Failure to follow the above directions when using these types of cleaners may void this product's warranty.

Cleaning

Cleaning the charger

WARNING

- Always wear insulated rubber gloves, in addition to personal protective equipment, when cleaning the **SMRT Pak** to reduce the risk of injury.
 - Always disconnect the **SMRT** charger from the wall outlet before cleaning to avoid the risk of electrical hazards.
 - Do not spray fluid directly onto the **SMRT** charger.
 - Do not power wash the **SMRT** charger.
 - Do not use solvents, lubricants, or other chemicals to clean the **SMRT** charger unless otherwise directed.
 - Do not immerse the **SMRT** charger in water or allow water to collect on top of the **SMRT** charger to avoid the risk of electric shock.
-

To clean the **SMRT** charger:

1. Disconnect the **SMRT** charger from the wall outlet to avoid electrical hazards during cleaning.
2. Wipe surfaces of the **SMRT** charger with a soft cloth dampened with a non-abrasive, hospital disinfectant.
3. Wipe with a cloth moistened with clean water to remove any cleaning chemicals or residue.
4. Dry thoroughly before placing the **SMRT** charger back into service.

Cleaning the battery

The **SMRT Pak** is designed to be power washable. The preferred method for power washing the **SMRT Pak** is with the standard hospital surgical cart washer or hand-held wand unit.

WARNING

- Always use any appropriate personal protective equipment while power washing to avoid inhaling contagion. Power washing equipment may aerate contamination.
 - Always wear insulated rubber gloves, in addition to personal protective equipment, when cleaning the **SMRT Pak** to reduce the risk of injury.
 - Always use only non-conductive materials to wipe the **SMRT Pak**.
 - Always avoid excessive water exposure to the **SMRT Pak** terminals.
 - Always refer to the disinfectant's Material Safety Data Sheet (MSDS) to verify the pH range. Disinfectants with pH levels higher than 10.5 may cause the **SMRT Pak** housing material to crack.
 - Do not directly handle or make contact with the **SMRT Pak** terminals while cleaning to avoid the risk of injury.
 - Do not immerse the **SMRT Pak** in liquid to reduce the risk of electric shock.
 - Do not use solvents, lubricants, or other chemicals to clean the **SMRT Pak** unless otherwise directed.
-

CAUTION

- Do not steam clean or ultrasonically clean the **SMRT Pak**.
 - Do not exceed 180 °F/82 °C as the maximum water temperature.
 - Do not exceed 240 °F/115 °C as the maximum air dry temperature (cart washers).
 - Do not exceed 1500 psi (130.5 bar) as the maximum water pressure. If you use a hand held wand to wash the product, keep the pressure nozzle at a minimum of 24 in. (61 cm) from the product.
-

Cleaning

Cleaning the battery (Continued)

To clean the **SMRT** Pak:

1. Remove the **SMRT** Pak from the **Power-PRO** cot or **SMRT** charger.
2. Inspect the **SMRT** Pak housing and terminal area for any cracks or damage.
3. Clean the **SMRT** Pak with a hospital grade disinfectant with a pH range of 6.5 to 10.5.
4. Rinse the **SMRT** Pak thoroughly with clean water to remove any cleaning chemical or residue. Position the **SMRT** Pak to avoid water from pooling near the terminals.
5. Dry the **SMRT** Pak thoroughly before insert the **SMRT** Pak into a **Power-PRO** cot or **SMRT** charger.

Preventive maintenance

WARNING

- Always relieve pressure before you disconnect hydraulic or other lines. Escaping fluid under pressure can penetrate the skin and cause serious injury. Tighten all connections before you apply pressure. If an accident occurs, see a doctor immediately.
 - Do not use bare hands to check for hydraulic leaks.
-

CAUTION

- Always use authorized parts to avoid the risk of product damage.
 - Always check hoses and lines regularly to avoid damage to the cot. Check and tighten loose connections. Hydraulic lines, hoses, and connections can fail or loosen due to physical damage, kinks, age, and environment exposure.
 - Do not tip the cot onto its load wheels and actuate the product as this will allow air to enter the hydraulic system.
-

Establish and follow a maintenance schedule and keep records of the maintenance activity. Remove product from service before you perform the preventive maintenance inspection. You may need to perform preventive maintenance checks more often based on your level of product usage. Service only by qualified personnel.

When using maintenance products, follow the directions of the manufacturer and reference all material safety data sheets (MSDS).

Lubrication

The cot has been designed to operate without the need for lubrication.

CAUTION

Do not lubricate the bearings in the X-frame as it will degrade the performance of the cot and may void its warranty.

Regular inspection and adjustments

The following schedule is a general guide to maintenance. Factors such as weather, terrain, geographical location, and individual usage will alter the required maintenance schedule. If you are unsure how to perform these checks, contact your Stryker service technician. If you are in doubt as to what intervals to follow to maintain your product, consult your Stryker service technician. Check each routine and replace worn parts if necessary.

Every month or two hours

Inspect these items every month or two hours, whichever comes first.

Item	Inspect
Settings	In-fastener shutoff configuration
Cylinder	Extend cylinder rod. Wipe the cylinder rod with a soft cloth and household cleaner.
Cables and wires	No hanging wires from routings or connections
Manual backup release handle	Manual backup release handle functions
Litter	Frame and litter
Base	Frame and base
Wheels	All wheels are secure, roll, and swivel

Preventive maintenance

Regular inspection and adjustments (Continued)

Item	Inspect
Head section	Safety bar operates. Pull toward the head section to make sure that the safety bar swings and rotates freely and pulls back to the home position
Restraint	Restraints function with no excessive wear (such as a bent or broken receiver or latch plate or torn or frayed webbing)
Battery	SMRT Pak housing and terminal area for cracks or damage before first and every use
Charger	SMRT charger and parts for cuts in the cord, bent pins or contacts, or cracks in the housing before first and every use

Every three months or six hours

Inspect these items every three months or six hours, whichever comes first.

Item	Inspect
Cylinder	All fasteners are secure
	No hydraulic fluid (red) leaks
	Loose fittings - tighten, if needed
Hydraulics	Motor mount fasteners are secure
	No hydraulic fluid leaks
	No leaks from reservoir
Cables and wires	No damage or pinching of wiring harness, cable, or lines
	No damaged connectors
Manual backup release handle	Base extends and retracts when you pull the manual backup release handle
	Cot does not lower when you pull the manual backup release handle with 100 lb (45 kg) or more on the cot
Litter	All fasteners are secure
	Backrest cylinder operates
	Adjust pneumatic cylinder for full range of motion, if required
Base	All fasteners are secure
X-frame	X-frame expands and retracts
Head section	All fasteners are secure
	Head section extends and locks
Accessories (optional)	All accessories operate (such as IV pole, restraint extender, push bars, and oxygen bottle holder)

Preventive maintenance

Regular inspection and adjustments (Continued)

Every six months or 12 hours

Inspect these items every six months or 12 hours, whichever comes first.

Item	Inspect
Hydraulics	Hoses and fittings for damage or wear
	Hydraulic velocity fuse - place a weight of approximately 50 lb (23 kg) on the cot, raise the cot, lift the cot with two operators, pull the manual backup release handle, rapidly set the cot down, and make sure that the cot does not drop
Electronic controls	Extend cot to raised position, measure and check load height
	Jog function operates
	High speed retract works
Switches	No damage or wear to either switch
	Both switches operate
Litter	No bent, broken, or damaged components
	No damage or tears on cot grips
	Siderails operate and latch
	Foot rest operates
Mattress	No cracks or tears
Base	No bent, broken, or damaged components
Wheels	Free of debris
Head section	No bent, broken, or damaged components
	Grip bar has no excessive damage or tears
	Load wheels are secure and roll
Kickstand (optional)	Lubricate the kickstand spring and internal spring housing (optional) using Tri-Flow® lubrication.

Every 12 months or 24 hours

Inspect these items every 12 months or 24 hours, whichever comes first.

Item	Inspect
Settings	Cot and fastener fit and function
	Safety bar connects to the vehicle safety hook
Cylinder	Cylinder is adjusted - lock nut is tight and the cot stops moving when it hits the dead stops
Manual backup release handle	Returns to the stowed position

Preventive maintenance

Regular inspection and adjustments (Continued)

Item	Inspect
Litter	All welds are intact, not cracked, or broken
	Warning labels present, legible
Base	All welds are intact, not cracked, or broken
Wheels	Check and adjust wheel locks
Retractable head section oxygen bottle holder (optional)	Straps and clips for wear
Defibrillator platform (optional)	Straps not frayed or torn
	Latch hooks are intact and secure

Quick reference replacement parts

Quick reference replacement parts

These parts are currently available for purchase. Call Stryker Customer Service: 1-800-327-0770 for availability and pricing.

Name	Number
Backrest pouch	6500-130-000
Base storage net	6500-160-000
Defibrillator platform	6550-170-000
Equipment hook	6500-147-000
Gas cylinder, fowler	1010-031-077
Hydraulic oil	6500-001-293
IV pole, two stage, right	6550-310-000
IV pole, two stage, left	6550-311-000
IV pole, two stage, dual	6550-312-000
IV pole, three stage, right	6550-315-000
IV pole, three-stage, left	6550-316-000
IV pole, three stage, dual	6550-317-000
Kit, battery pack, SMRT Pak	6500-700-046
Kit, SMRT power system, 12 VDC (car charger), includes charger, 2 Paks, and power cord	6500-700-040
Kit, SMRT power system, 240 VAC (wall charger), includes charger, 2 Paks, and power cord	6500-700-043
Kit, SMRT power system, 240 VAC (wall charger), includes charger, 2 Paks, and power cord	6500-700-044
Kit, SMRT power system, 240 VAC (wall charger), includes charger, 2 Paks, and power cord	6500-700-045
Label, IV pole caution	6070-090-005
Label, damage warning	6080-090-009
Manual, installation/operation, cot fastener	6385-009-001
Mattress, bolster (knee gatch)	6550-001-084
Mattress, bolster (flat)	6550-001-295
Mattress, XPS option	6500-003-130
Mounting bracket, SMRT charger	6500-201-100
Oxygen bottle holder, removable	6080-140-000
Oxygen bottle holder	6550-102-020
Oxygen bottle holder strap	6550-002-004
Power cable, 12 VDC, automotive	6500-201-147
Power cord, North America	6500-201-149

Quick reference replacement parts

Quick reference replacement parts (Continued)

Name	Number
Power cord, Europe	6500-201-150
Power cord, United Kingdom	6500-201-151
Power cord, Australia	6500-201-153
Power supply, charger	6500-201-148
Restraint belt extension	6082-160-050
Restraint package, domestic	6060-160-010
Siderail, standard	6082-026-010
Siderail, XPS option (XPS siderail and XPS mattress kit)	6506-700-004
SMRT charger	6500-201-000
Touch-up paint (yellow)	6060-199-010
Touch-up paint (black)	7000-001-322
Wheel lock	6086-200-010

Quick reference replacement parts

These parts are currently available for purchase. Call Stryker Customer Service: 1-800-327-0770 for availability and pricing.

Use only Stryker-approved parts. Other parts may result in increased electromagnetic emissions or decreased electromagnetic immunity of the system. Do not modify any parts. Failure to comply may result in injury.

Name	Number
SMRT charger	6500-201-000
SMRT Pak	6500-700-046
SMRT charger mounting bracket (optional)	6500-201-100
Power Components - AC	
Charger power supply	6500-201-148
North America power cord	6500-201-149
Europe power cord	6500-201-150
United Kingdom power cord	6500-201-151
Australia power cord	6500-201-153
Power Components - DC	
12 VDC cable, automotive	6500-201-147
SMRT Power Kit (includes 1 SMRT Charger, 2 SMRT Paks, and 1 power cord)	
SMRT Power Kit - 12 VDC, domestic	6500-700-040
SMRT Power Kit - 120 VAC, domestic	6500-700-041

Quick reference replacement parts

Quick reference replacement parts (Continued)

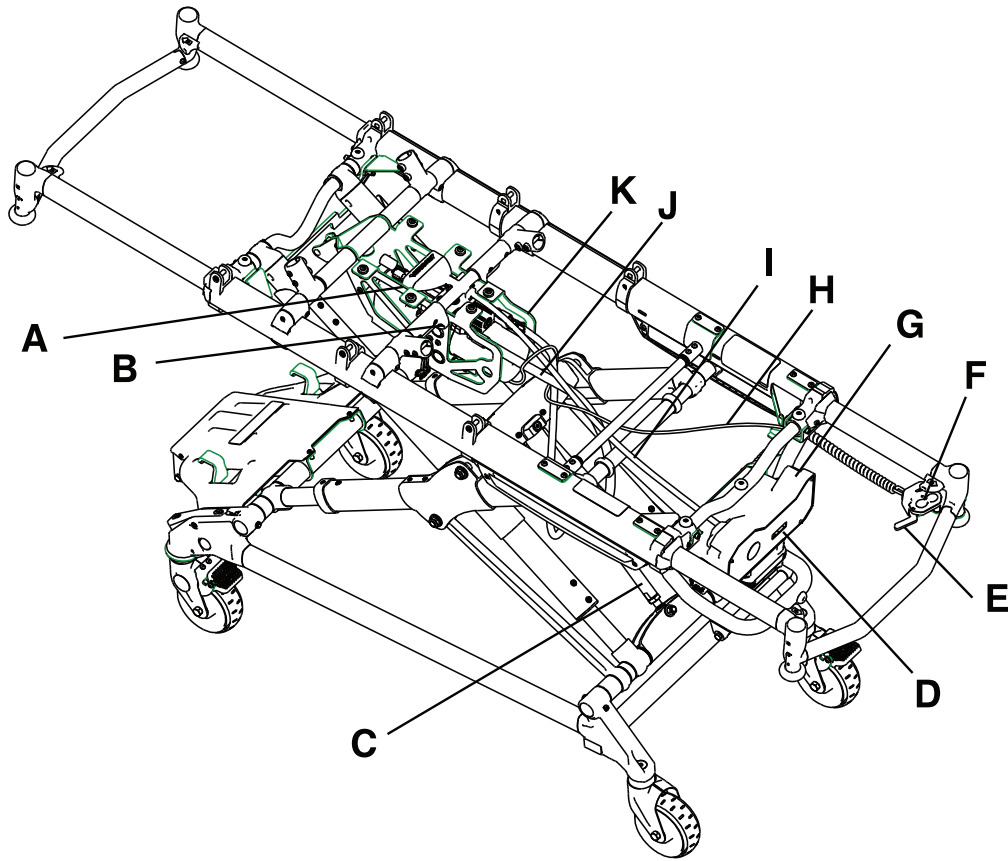
Name	Number
SMRT Power Kit - 240 VAC, United Kingdom, international	6500-700-043
SMRT Power Kit - 240 VAC, Europe, international	6500-700-044
SMRT Power Kit - 240 VAC, Australia, international	6500-700-045

Contact your Stryker sales representative for a complete list of additional parts.

Troubleshooting

Electronic and hydraulics locator

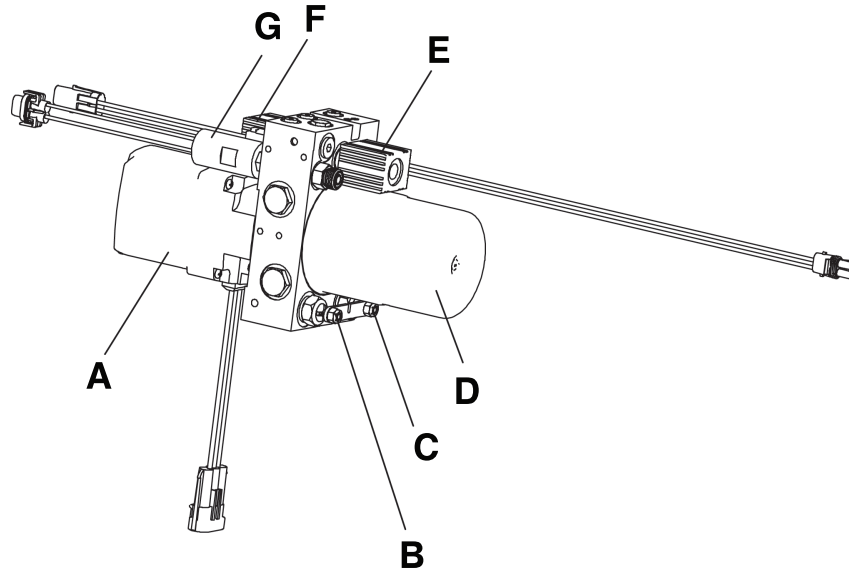
Note: Some components have been removed for clarity.



A	Hydraulic manifold assembly (see Hydraulic manifold components locator on page 29)
B	Motor mount
C	Hydraulic cylinder
D	LCD screen
E	Manual release handle
F	Switch
G	Electronic housing (control board inside)
H	Manual release cable
I	Main cable (see Wiring schematics on page 30)
J	Cap-side hydraulic hose
K	Rod-side hydraulic hose

Troubleshooting

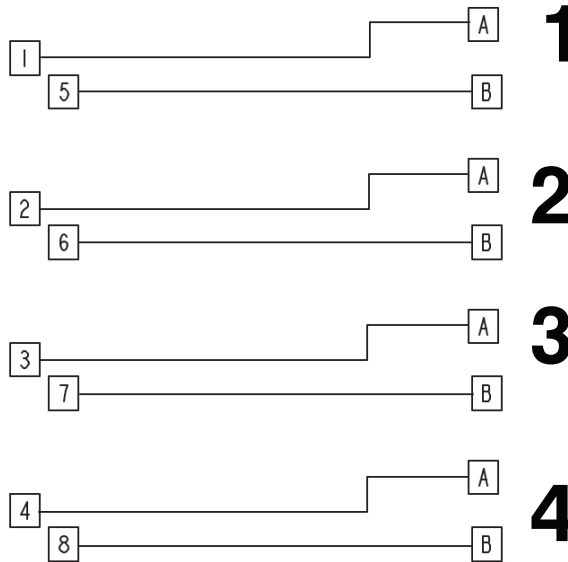
Hydraulic manifold components locator



A	Motor
B	Cap-side (locking) manual valve
C	Rod-side (non-locking) manual valve
D	Reservoir
E	B-valve
F	A-valve
G	Pressure switch

Troubleshooting

Wiring schematics

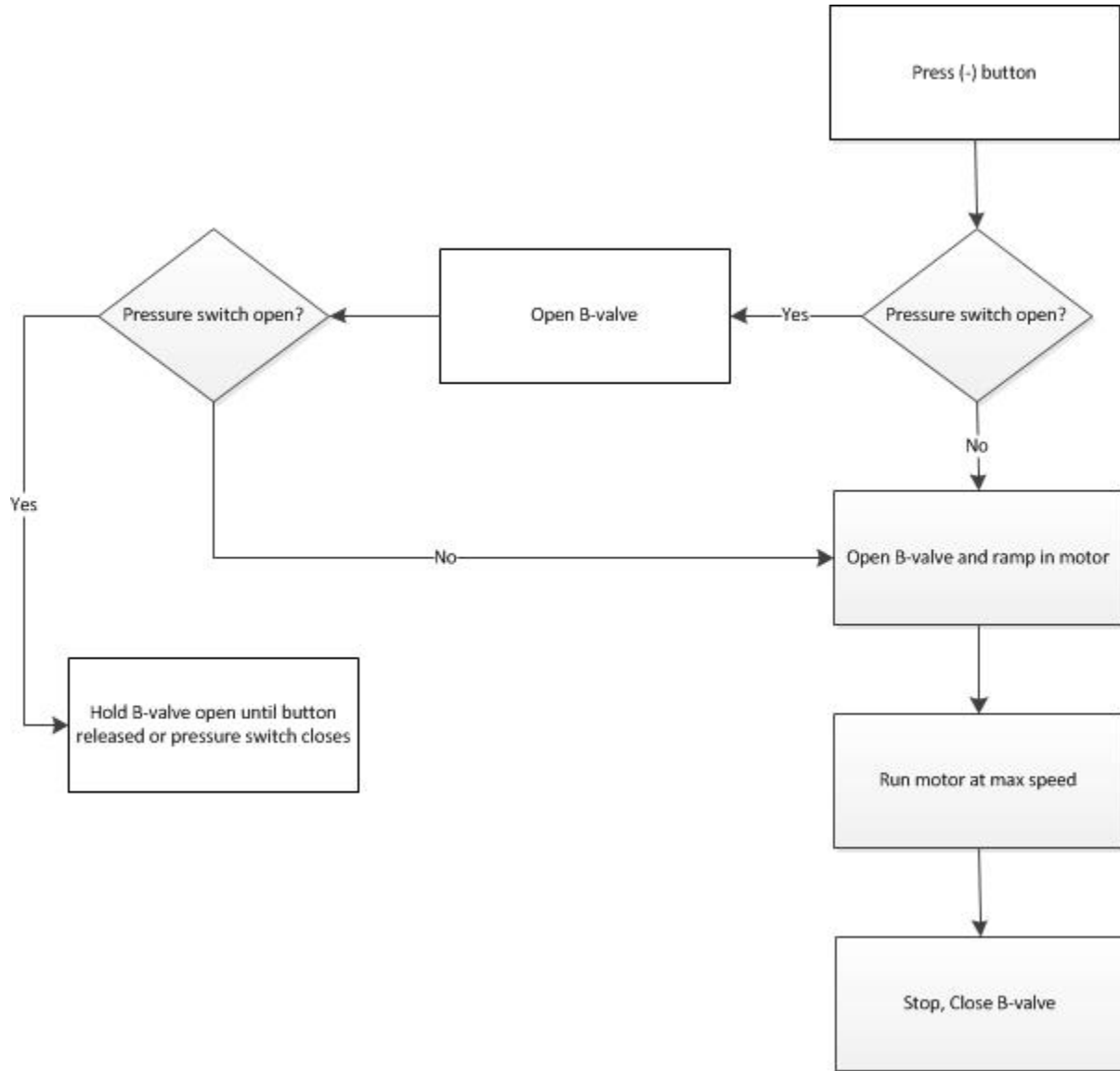


Wiring schematics main cable 8-pin connector

Item	Connection	Link
1	A-valve	1 to A = orange
		5 to B = blue
2	B-valve	2 to A = red
		6 to B = white
3	Pressure switch	3 to A = green
		7 to B = brown
4	Wireless expansion port	4 to A = black
		8 to B = yellow

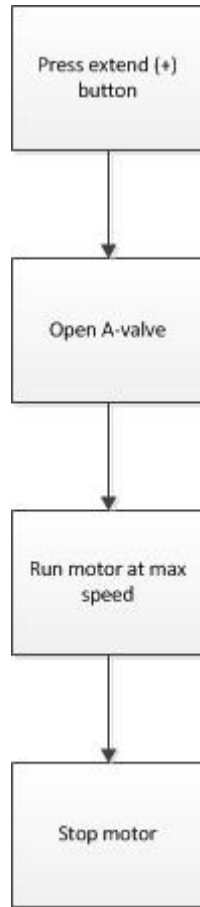
Troubleshooting

Electrical system block diagram - lower and retract functions



Troubleshooting

Electrical system block diagram - lift and extend functions



Troubleshooting guide

Check for proper operation after each step. When the problem is fixed return the cot to service. If assistance is needed at any time during troubleshooting, contact your Stryker service technician.

Litter drifts (without patient weight)

1. Check the manual release cable adjustment.
2. Change the locking manual valve.
3. Change "B" valve.

Base drifts (without patient weight)

1. Check the manual release cable adjustment.
2. Change non-locking manual valve.
3. Change "A" valve.

Troubleshooting

Litter does not lower in the powered mode

Check the power indicator LED.

1. If blinking constant RED, change the battery.
2. If blinking a patterned AMBER short, short, long flash:
 - a. Check for broken or disconnected wires.
 - b. Check for 24 VDC at connector (C) on the main cable by the motor while pressing the retract (-) button. If voltage is present, replace (in order) the solenoid and/or "B" valve. If voltage is not present, go to step c.
 - c. Check for 24 VDC on electronics assembly pins, 1 blue and 5 orange, on (F) while pressing the retract (-) button. If voltage is not present, replace the electronics assembly. If voltage is present, replace the wire harness.
3. If the GREEN light turns on, but does not lower the litter, try the other switch. If the other switch works, replace the bad switch.

Litter does not extend in the powered mode - check the power indicator LED

Check the power indicator LED.

1. If blinking constant RED, change the battery.
2. If blinking a patterned AMBER short, short, long flash:
 - a. Check for broken or disconnected wires.
 - b. Check for 24 VDC at connector (B) on the main cable by the motor while pressing the extend (+) button. If voltage is present, replace (in order) the solenoid and/or "A" valve. If voltage is not present, go to step c.
 - c. Check for 24 VDC on the electronics assembly pins, 2 white and 6 red, on (F) while pressing the extend (+) button. If voltage is not present, replace the electronics assembly. If voltage is present replace the wire harness.
3. If the GREEN light turns on, but does not lower, try the other switch. If the other switch works, replace the bad switch.

Litter does not extend in power mode - check motor

Check the motor.

1. If the motor runs, but does not raise the cot:
 - a. Check the manual release cable for too much tension.
 - b. Lightly tap the manual locking valve.
 - c. Replace the manual locking valve.
2. If the motor is stalled, replace the "A" valve.
3. If the light is GREEN, but the motor does not run:
 - a. Check for 24 VDC at connector (E) on the main cable. If voltage is present and the motor does not run, replace the hydraulic sub-assembly. If voltage is not present, go to step b.
 - b. Check for 24 VDC on electronics assembly connection (H) (-) lead on black (+) lead on green while pressing the extend (+) button. If voltage is not present, replace the electronics assembly. If voltage is present, replace the main cable.

Base does not retract in the powered mode

Check the power indicator LED.

1. If blinking constant RED, change the battery.

Troubleshooting

Base does not retract in the powered mode (Continued)

2. If blinking a patterned AMBER short, short, long flash:
 - a. Check for broken or disconnected wires.
 - b. Check for 24 VDC at connector (B) on the main cable by the motor while pressing the extend (+) button. If voltage is present, replace (in order) the solenoid and/or "A" valve. If voltage is not present, go to step c.
 - c. Check for 24 VDC on electronics assembly pins, 2 white and 6 red, on (F) while pressing the extend (+) button. If voltage is not present, replace the electronics assembly. If voltage is present, replace the wire harness.

Base does not extend in the manual mode

1. Check manual cable adjustment.
2. Change the non-locking manual valve.

Base does not retract in the manual mode

1. Check manual release cable adjustment.
2. Change locking manual valve.

Litter does not retract in manual mode (with patient weight)

1. Make sure that the weight is off of the casters before lowering the cot.
2. Check the manual cable adjustment.
3. Replace the locking manual valve.

Litter does not extend in the manual mode

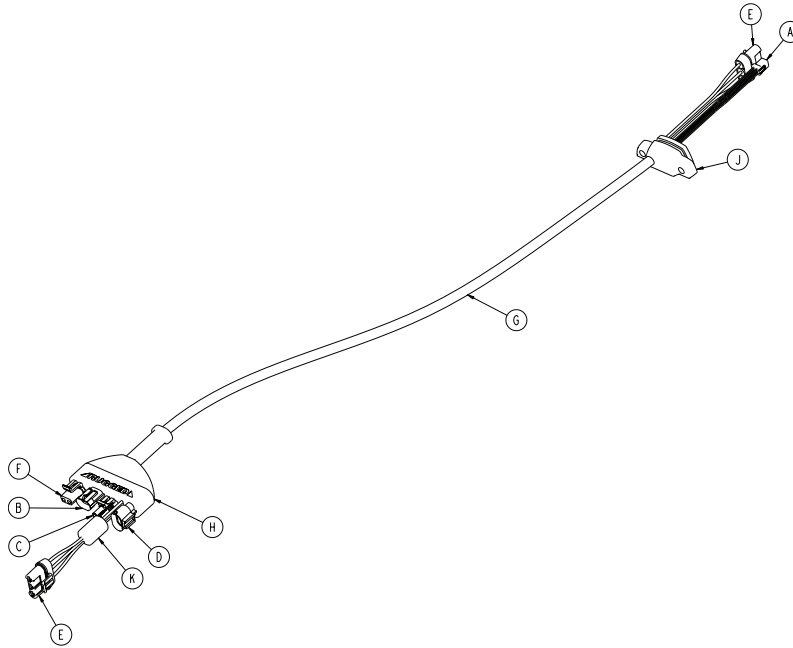
1. Check the manual cable adjustment.
2. Change the non-locking manual valve.

High speed retract does not engage

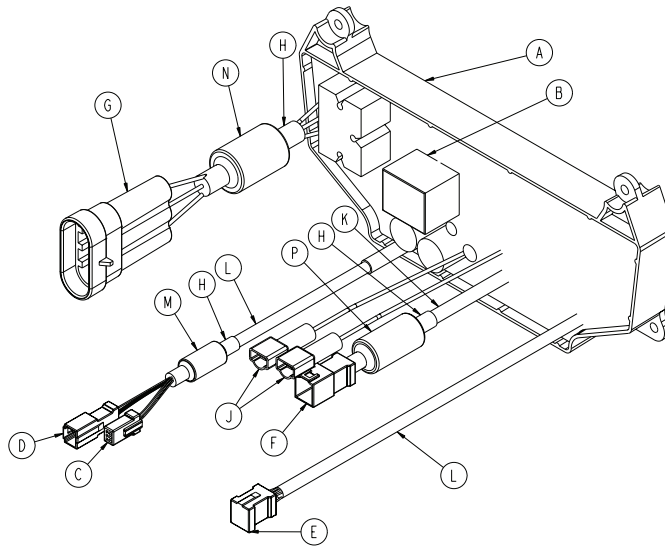
1. Check that the weight is off of the casters.
2. Change the pressure switch.

Troubleshooting

Main cable assembly



Electronics assembly



Troubleshooting

Electronics assembly wiring schematics

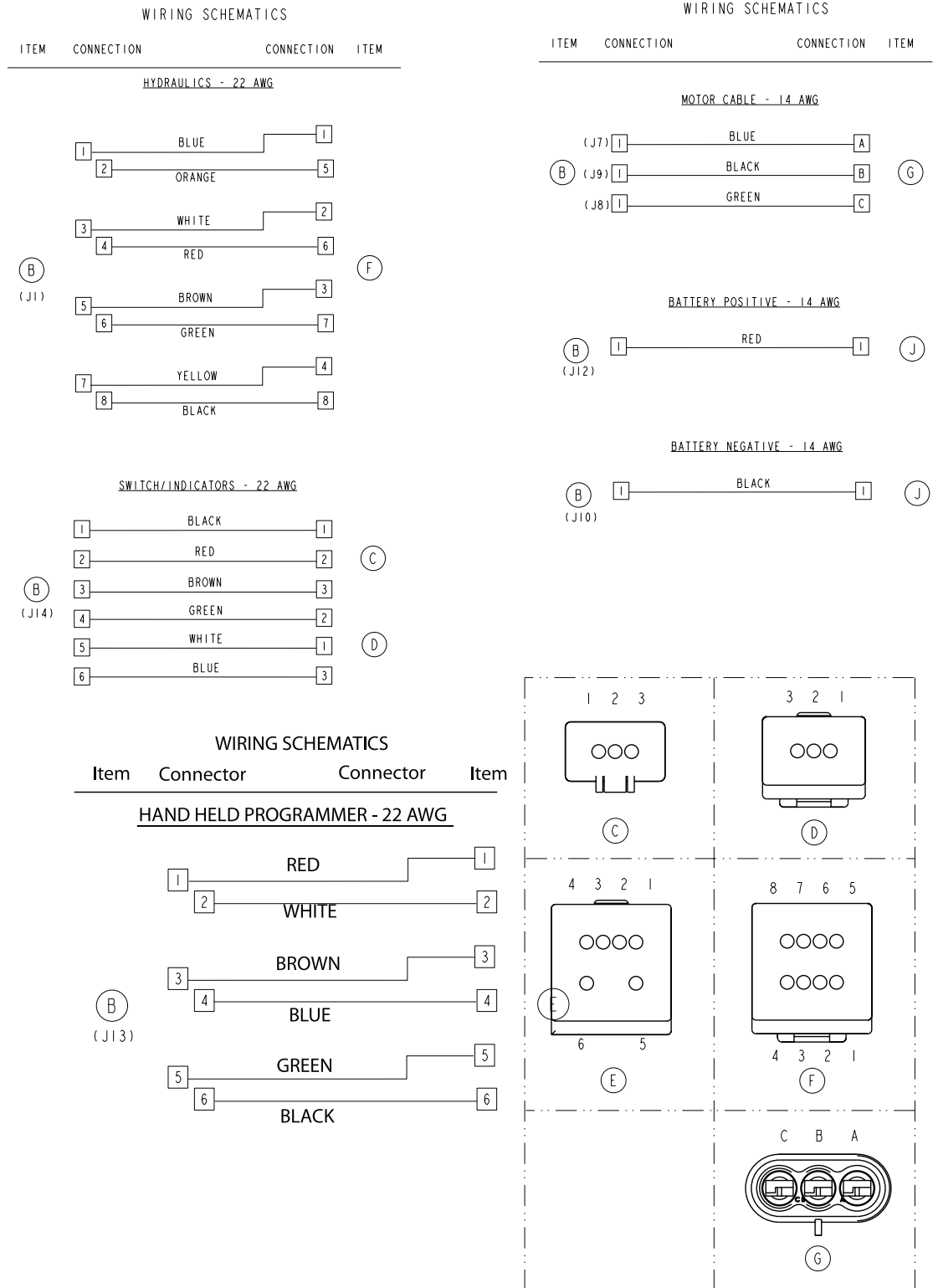


Figure 6: Wiring Schematics

Troubleshooting

SMRT charger power LED is NOT illuminated

Make sure that the AC power supply or DC cable is connected properly.

1. If using an AC power supply, make sure that the:
 - a. AC power cord is plugged into a wall outlet and the wall outlet has AC power.
 - b. AC power cord is plugged into the power supply.
 - c. AC power supply output cord is plugged into the charger.
2. If using a DC cable, make sure that the:
 - a. DC cable is plugged into a power source with 12.5 - 16 VDC
Note: The DC power supply output cord adaptor LED should be illuminated.
 - b. Power cord adaptor internal fuse has continuity. If not, replace the fuse. See [12 VDC automotive cable fuse replacement on page 45](#).
 - c. DC cable is plugged into the charger.
3. Check for 12.5 to 16 VDC at the power supply output cord that plugs into the charger.
 - a. If 12.5 to 16 VDC is not present, replace the power supply assembly.
 - b. If 12.5 to 16 VDC is present, replace the charger.

SMRT charger will not charge the SMRT Pak

1. Make sure that the charger power LED is illuminated.
 - a. If not, see [SMRT charger indicator LEDs are NOT illuminated when the Pak is inserted on page 37](#).
2. Make sure that the charger indicator LEDs flash when the charger is first powered.
 - a. If the LEDs flash at start up, go to step 3.
 - b. If the LEDs do not flash at start up, replace the charger.
3. Reinsert the **SMRT** Pak on the charger and check the charger indicator LEDs for the status of the **SMRT** Pak:
 - a. Solid amber = a **SMRT** Pak error. See [A fully charged SMRT Pak does not provide sufficient power for cot operation on page 38](#).
 - b. Flashing amber = a temperature delay. Allow the **SMRT** Pak time to get to normal operating temperature. Reinstall the **SMRT** Pak and recheck step 3.
 - c. Solid green = a fully charged and ready **SMRT** Pak. See [A fully charged SMRT Pak does not provide sufficient power for cot operation on page 38](#).

SMRT charger indicator LEDs are NOT illuminated when the Pak is inserted

1. Unplug the charger, wait five seconds, and plug the charger back into the wall outlet.
2. Make sure that the charger power LED is illuminated. If not, see [SMRT charger power LED is NOT illuminated on page 37](#).
3. Make sure that the **SMRT** Pak is fully inserted into the charger. If not, reinsert the **SMRT** Pak fully, listen for an audible click, and make sure that the charger indicator LEDs illuminate.
4. Try another **SMRT** Pak to identify any issues.
Note: Separate and label **SMRT** Paks during troubleshooting.
 - a. If the charger indicator LEDs do not illuminate, replace the charger.
 - b. If the charger indicator LEDs illuminate, replace the original **SMRT** Pak.

Troubleshooting

A fully charged SMRT Pak does not provide sufficient power for cot operation

1. Fully charge the **SMRT** Pak for two hours.
 - a. If the charger indicator LED is solid green, indicating a fully charged and ready **SMRT** Pak, go to step 2.
 - b. If the charger indicator LED is solid amber, indicating a **SMRT** Pak error, replace the **SMRT** Pak.
2. Immediately following a full charge, remove the **SMRT** Pak from the charger and check the voltage at the power terminals on the Pak for 26 VDC minimum.
 - a. If the Pak has a 26 VDC minimum, go to step 3.
 - b. If the VDC is less than 26 VDC, replace the Pak.
3. Wait exactly one hour and charge the **SMRT** Pak again.
 - a. If the charger indicator LED turns solid green (indicating a fully charged and ready **SMRT** Pak) in less than one minute, call Stryker Technical Support.
 - b. If the charger indicator LED flashes green for longer than one minute, replace the Pak.

SMRT charger indicates a SMRT Pak error (amber LED), but the Pak performs well on the cot

1. Fully discharge the **SMRT** Pak by powering a cot until the cot indicator LED flashes red.
2. Recharge the Pak.
 - a. If the charger indicator LED is solid green, indicating a fully charged and ready Pak, then the Pak is ready for use.
 - b. If the charger indicator LED is solid amber, indicating a Pak error, call Stryker Technical Support.

Charger indicates a temperature delay (flashing amber LED), but the Pak is within the normal operating temperature range

1. Remove the **SMRT** Pak from the charger and allow the Pak to cool for at least four hours at room temperature.
2. Insert the Pak into the charger.
 - a. If the charger indicator LED is flashing green, then the Pak is charging.
 - b. If the charger indicator LED is flashing amber, indicating a temperature delay, replace the Pak.

Accessing the hydraulic subassembly (6550-001-030)

Tools required:

- T27 Torx driver
1. Using a T27 Torx driver, remove the six button head cap screws (0004-592-000) from the six well nuts (0055-100-074) that hold the mid-section (6550-001-111) to the motor mounts (6500-001-194 and 6500-001-294). Save the screws for reinstallation.
 2. Remove the mid-section skin (6550-001-111). Save the mid-section skin for reinstallation. The six well nuts will stay with the two motor mounts (6500-01-194 and 6500-001-294).
 3. Remove the four button head cap screws (0004-596-000) and the four Nylock hex nuts (0016-102-000) from the two straight "T" pivots (6100-003-125) that hold the gatch assembly (6550-001-019) to the litter cross brace (6500-001-196).
 4. Flip the gatch assembly (6550-001-019) toward the foot end of the cot until it rests on the telescoping foot end (6550-001-015).
 5. Reverse steps to reassemble.
 6. Verify proper operation of the product before returning it to service.

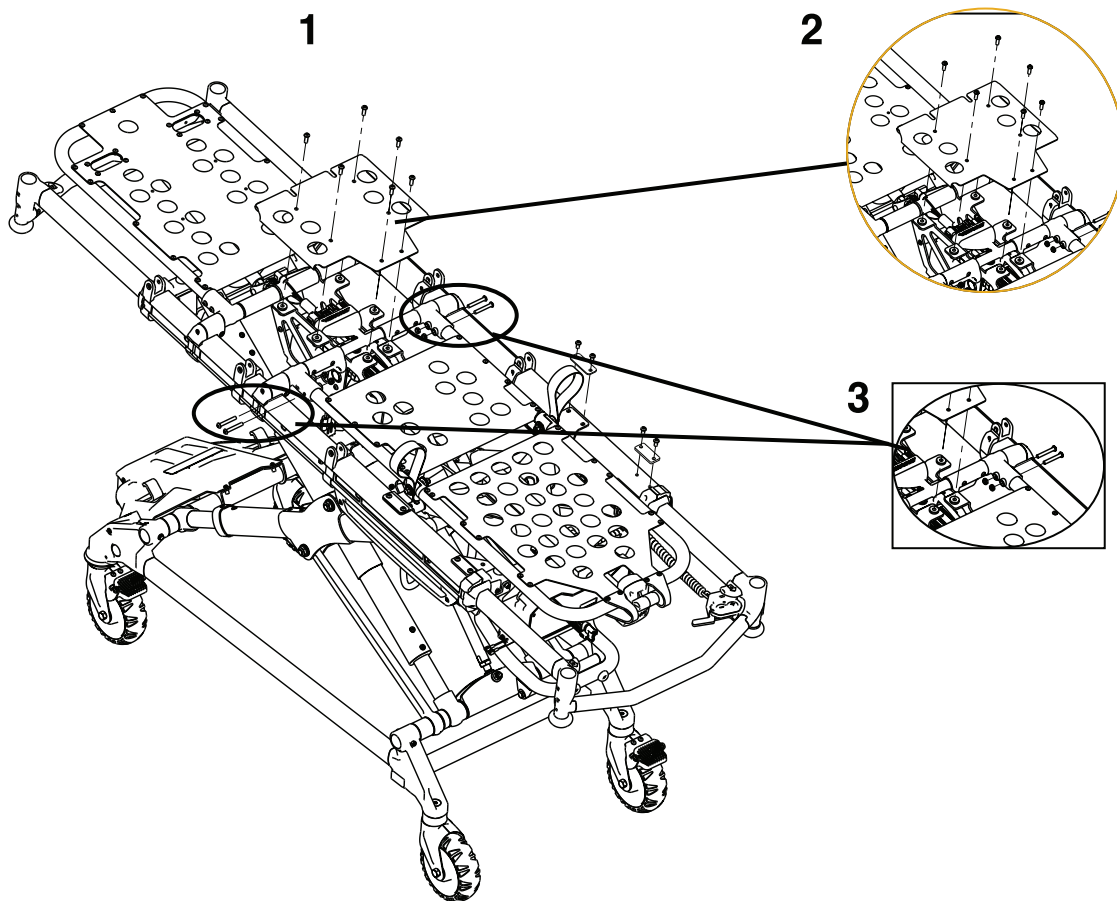


Figure 7: Accessing the hydraulic subassembly

Manual release cable adjustment

Tools required:

- 8 mm Combination wrench

Manual release cable adjustment (Continued)

- 10 mm Combination wrench
1. Support the litter so no weight is on the base.
 2. Make sure that the manual release cable is intact.
 3. Using a 10 mm combination wrench, loosen the cable lock nut.
 4. Using an 8 mm combination wrench, adjust the tension on the manual release cable.
 5. Tighten the cable lock nut.
 6. Verify proper operation of the product before returning it to service.

Filling the hydraulics assembly reservoir

Use only Mobil Mercon® V Synthetic Blend Oil (6500-001-293)

Note: Any time you work with the hydraulics you may lose some oil.

Tools required:

- 3/16" Hex wrench
1. Raise the product to the highest height position.
 2. Make sure that the fill port is horizontal and lined up with the hole in the motor mount.
 3. Using a 3/16" hex wrench, remove the port plug (A). ([Figure 8 on page 40](#)).
 4. Fill the reservoir up to the bottom of the fill port.
 5. Replace the plug and raise and lower the cot a few times.
 6. Verify proper operation of the product before returning it to service.

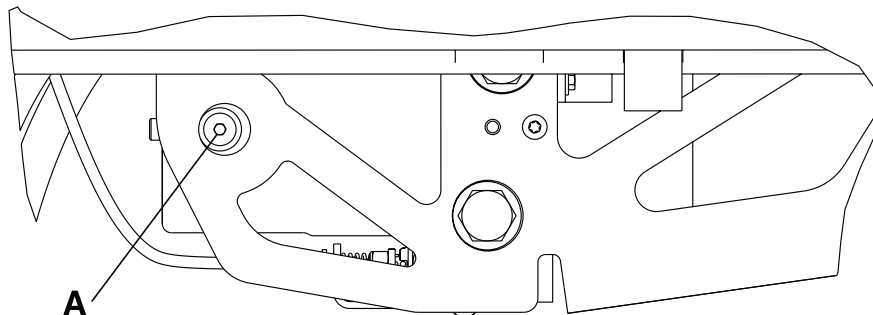


Figure 8: Hydraulic assembly reservoir

Wheel locking force adjustment

Tools required:

- 5/32" Hex wrench
 - 7/16" Combination wrench or socket
1. Using the 5/32" hex wrench and 7/16" combination wrench or socket, remove the socket screw from the center of the lock pedal. The wheel lock is initially assembled with the pedal set at the minimum locking force. The marker on the pedal (A) is aligned with the marker on the octagonal sleeve (B) ([Figure 9 on page 41](#)).
 2. Remove the sleeve (B). Rotate the sleeve counterclockwise to increase the pedal locking force and clockwise to decrease the locking force. Insert the sleeve into the pedal ([Figure 9 on page 41](#)).
 3. Using the 5/32" hex wrench and 7/16" combination wrench or socket, reinstall the socket screw.

Wheel locking force adjustment (Continued)

4. Test the pedal locking force and make sure that the pedal holds properly before returning it to service.

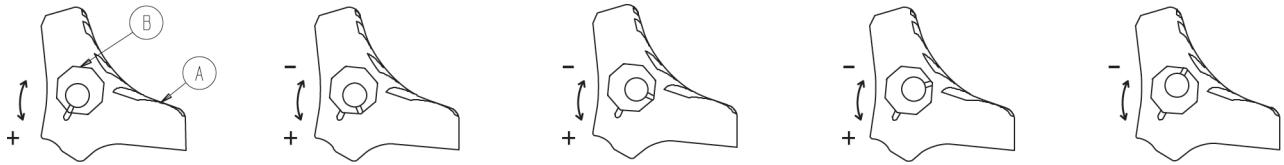


Figure 9: Wheel locking force adjustment

Siderail assembly replacement (standard)

Tools required:

- T25 Torx driver
1. Raise the product to the highest height position.
 2. Raise the siderail to the up and locked position.
 3. Using a T25 Torx driver, remove the three spindle screws that secure the siderail assembly.
 4. Remove the siderail.
 5. Reverse steps to install the new siderail assembly.
 6. Verify proper operation of the unit before returning it to service.

Siderail assembly replacement (XPS option)

Tools required:

- T25 Torx driver
 - 1/4" Hex wrench
 - 3/16" Hex wrench
 - Slotted screwdriver
 - Torque wrench (ft-lb)
 - Dead blow hammer
1. Raise the product to the highest height position.
 2. Remove the mattress.
 3. Using a T25 Torx driver, remove the button head cap screw (A) and black bumper (B) on the side where you are replacing the siderail ([Figure 10 on page 42](#)). Save the screw and bumper.

Siderail assembly replacement (XPS option) (Continued)

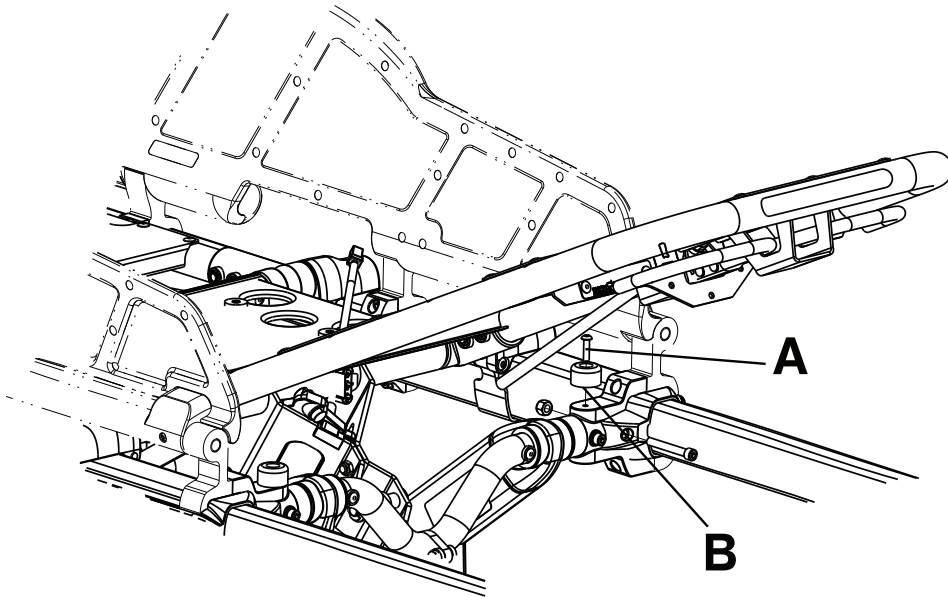


Figure 10: Siderail assembly replacement (XPS)

- Using a slotted screwdriver, remove the outer rail bumper.

Notes

- Hold on to the siderail main assembly when removing the outer rail bumper to prevent the outer rail bumper from falling off.
 - The head end and middle siderail pivots may be loose and could fall off of the main assembly.
- Using a 1/4" hex wrench, remove the socket head cap screws (C) that secure the siderail clamp (D) to the ratchet assembly at the foot end of the main assembly (Figure 11 on page 43). When reinstalling, use a torque wrench to torque both new screws to 22 ± 3.3 ft-lb.
Note: The siderail will be loose, so do not operate or pull on the siderail.
 - Using a 3/16" hex wrench, remove the two socket head cap screws (E) that secure the middle siderail clamp (F) to the outer rail assembly (Figure 11 on page 43).
 - Using a 3/16" hex wrench, remove the two socket head cap screws (G) that secure the top and bottom of the base/litter interface bracket to the outer rail assembly (Figure 11 on page 43).

Siderail assembly replacement (XPS option) (Continued)

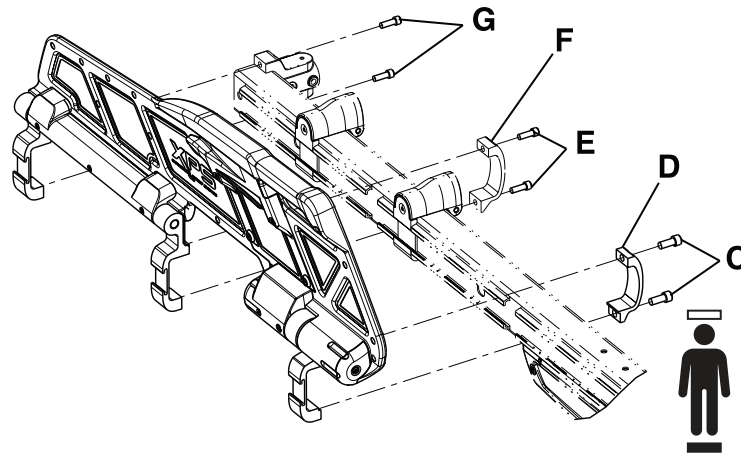


Figure 11: Remove the siderail assembly

8. Reverse steps to reinstall. Use a dead blow hammer to reinstall the outer rail bumper.
9. Verify proper operation of the unit before returning it to service.

Ratchet assembly replacement (XPS option)

Tools required:

- 3/32" Hex wrench
 - 1/4" Hex wrench
 - 3/16" Hex wrench
 - Torque wrench (ft-lb)
1. Raise the product to the highest height position.
 2. Raise the siderail to the up and locked position.
 3. Using a 3/32" hex wrench, remove the two screws (A) that secure the ratchet cover (B) to the ratchet assembly. Remove the cover ([Figure 12 on page 44](#)).
 4. Using a 1/4" hex wrench, remove the socket head cap screws (C) that secure the siderail clamp (D) to the ratchet assembly at the foot end of the main assembly ([Figure 12 on page 44](#)). When reinstalling, use a torque wrench to torque both new screws to 22 ± 3.3 ft-lb.
 5. Using a 3/16" hex wrench, remove the four screws (E) that secure the ratchet assembly (F) to the overmold assembly and discard. Remove the ratchet assembly ([Figure 12 on page 44](#)). When reinstalling, use a torque wrench to torque the four new screws to 9.5 ± 1.5 ft-lb.

Ratchet assembly replacement (XPS option) (Continued)

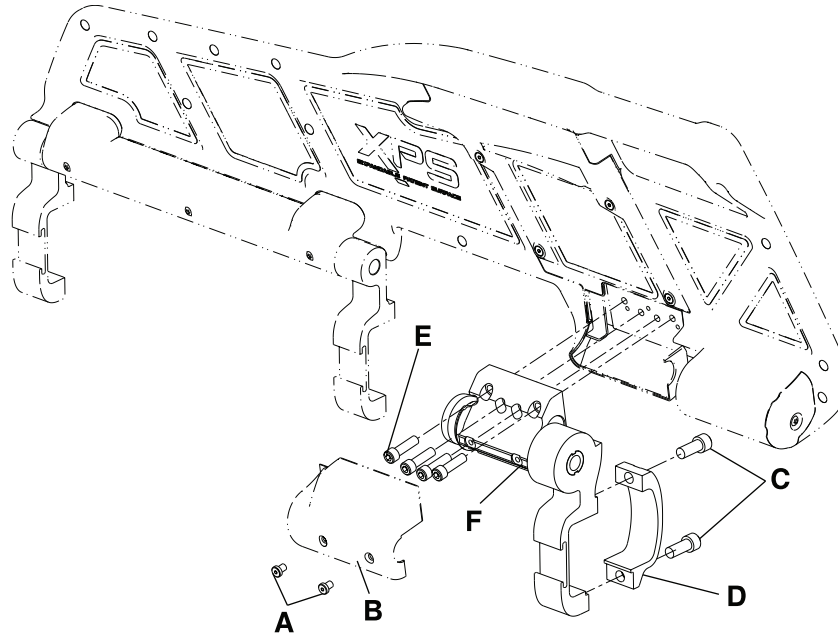


Figure 12: Ratchet assembly replacement (XPS)

6. Grasp the ratchet assembly and pull it toward the head end of the cot to remove.
7. Reverse steps to reinstall.
8. Verify proper operation of the unit before returning it to service.

Release handle assembly replacement (XPS option)

Tools required:

- 3/32" Hex wrench
 - Small slotted screwdriver
1. Raise the product to the highest height position.
 2. Raise the siderail to the up and locked position.
 3. Using a 3/32" hex wrench, remove the four screws (A) that secure the release cover (B) to the overmold assembly to remove the release cover ([Figure 13 on page 45](#)).
 4. Using a small slotted screwdriver, pry the release handle return spring (C) up to remove the spring ([Figure 13 on page 45](#)).
 5. Grasp the release handle assembly (D), and hinge it upward on the spring side to remove it from the cover ([Figure 13 on page 45](#)).

Release handle assembly replacement (XPS option) (Continued)

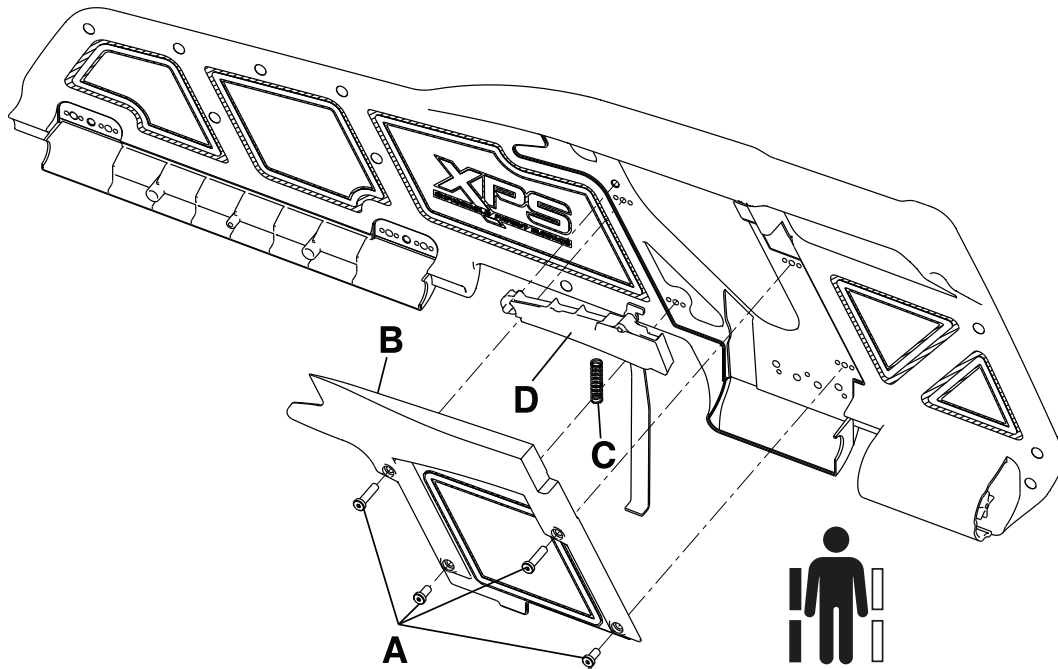


Figure 13: Release / Spring handle assembly replacement (XPS)

6. Reverse steps to reinstall.
7. Verify proper operation of the unit before returning it to service.

Spring handle assembly replacement (XPS option)

Tools required:

- 3/32" Hex wrench
- Small slotted screwdriver

1. Raise the product to the highest height position.
2. Raise the siderail to the up and locked position.
3. Using a 3/32" hex wrench, remove the four screws (A) that secure the release cover (B) to the overmold assembly to remove the release cover (Figure 13 on page 45).
4. Using a small slotted screwdriver, pry the release handle return spring (C) up to remove the spring (Figure 13 on page 45).
5. Reverse steps to reinstall.
6. Verify proper operation of the unit before returning it to service.

12 VDC automotive cable fuse replacement

Tools required:

- None
1. Unplug the adaptor cable from the plug (B) and the plug connector (A).
 2. Unscrew the tip on the source end and remove the fuse (Figure 14 on page 46).

12 VDC automotive cable fuse replacement (Continued)

Note: The source tip and the fuse tension spring are loose and could be dropped.

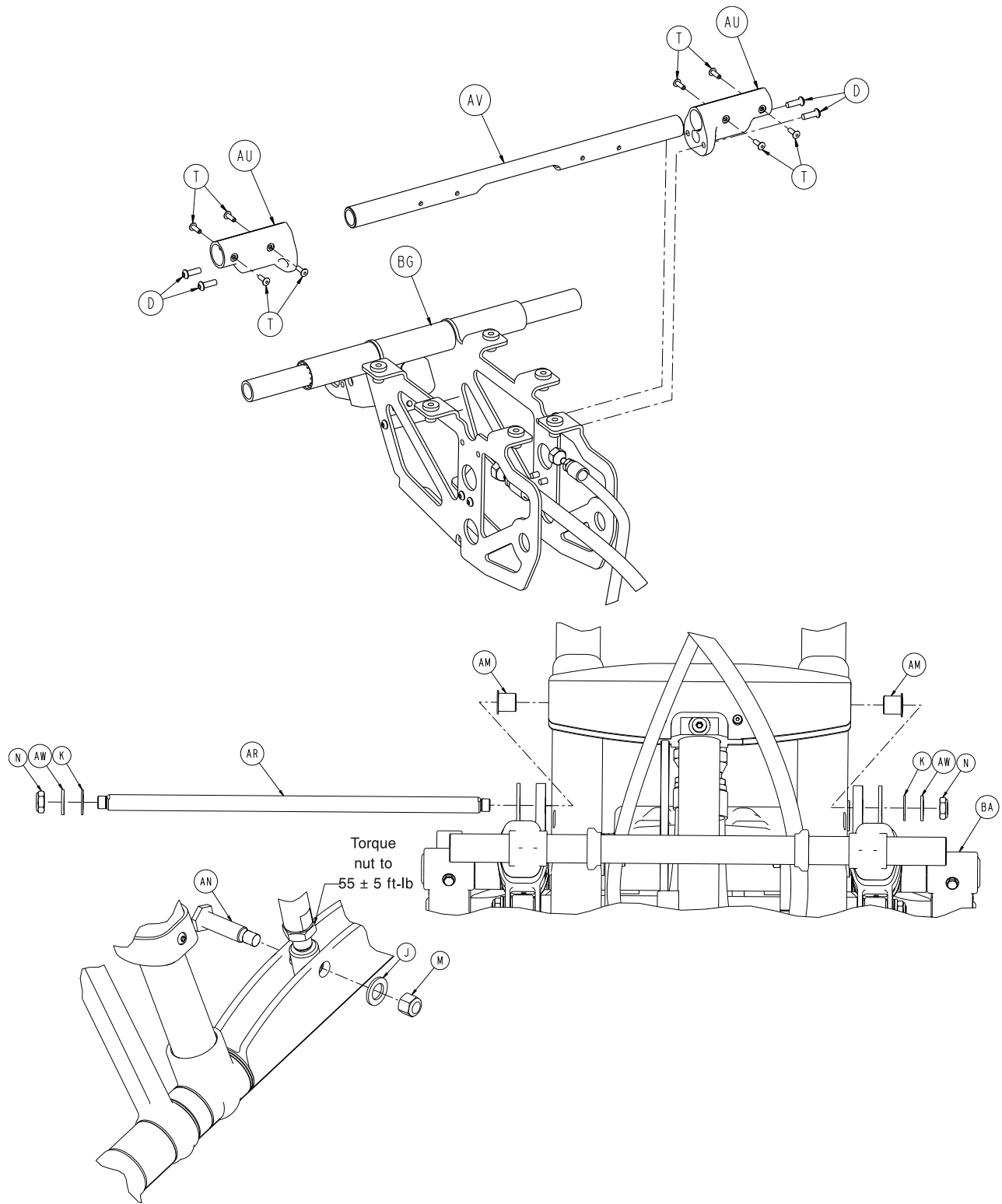
3. Install the new 10A 250V fuse into the source end of the adaptor cable and screw the tip back on.
4. Plug both ends back into the source and the charger.
5. Test the charger for functionality before returning it to service.



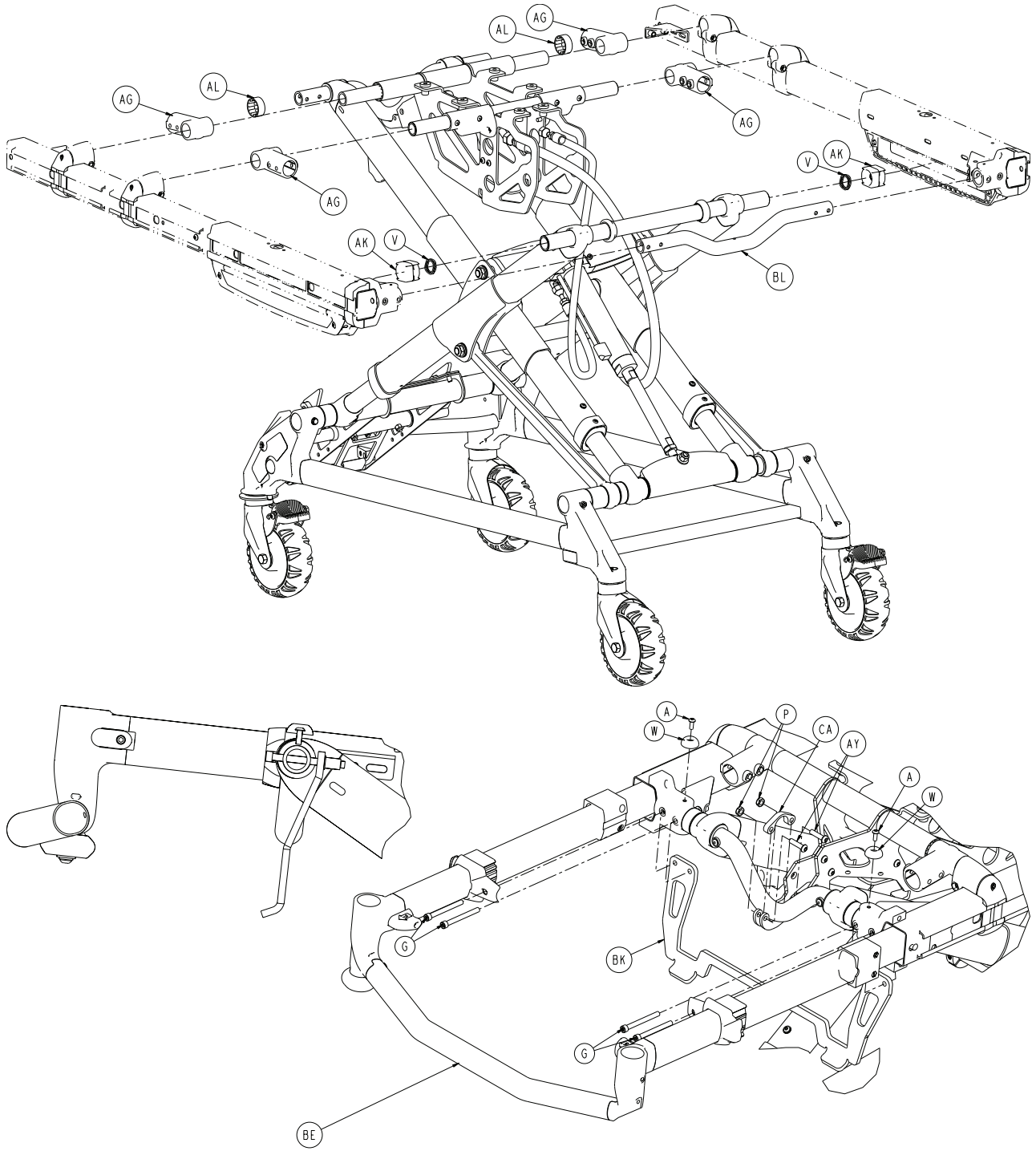
Figure 14: 12 VDC automotive cable

Cot assembly

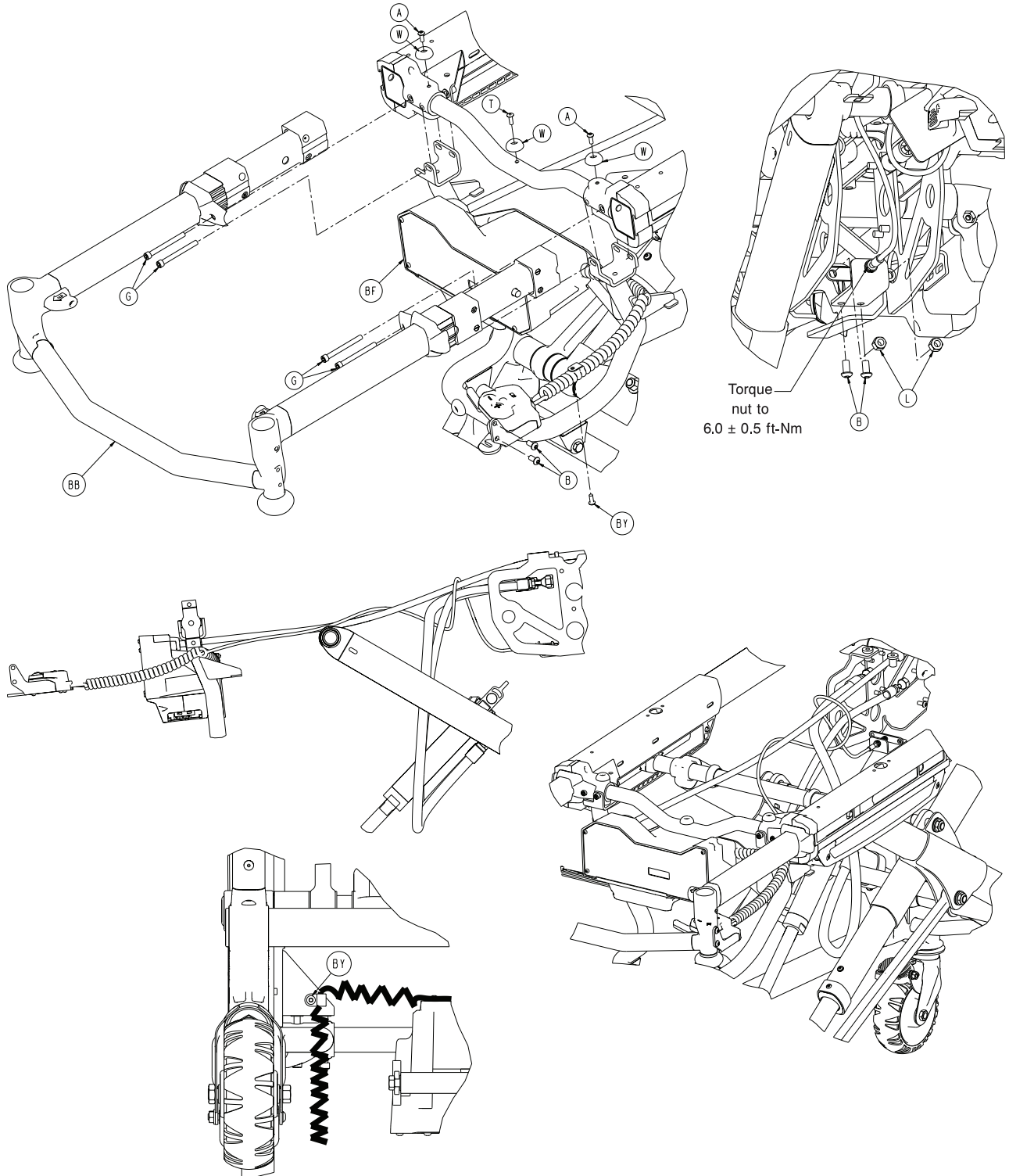
6550-001-010 Rev R (Reference only)



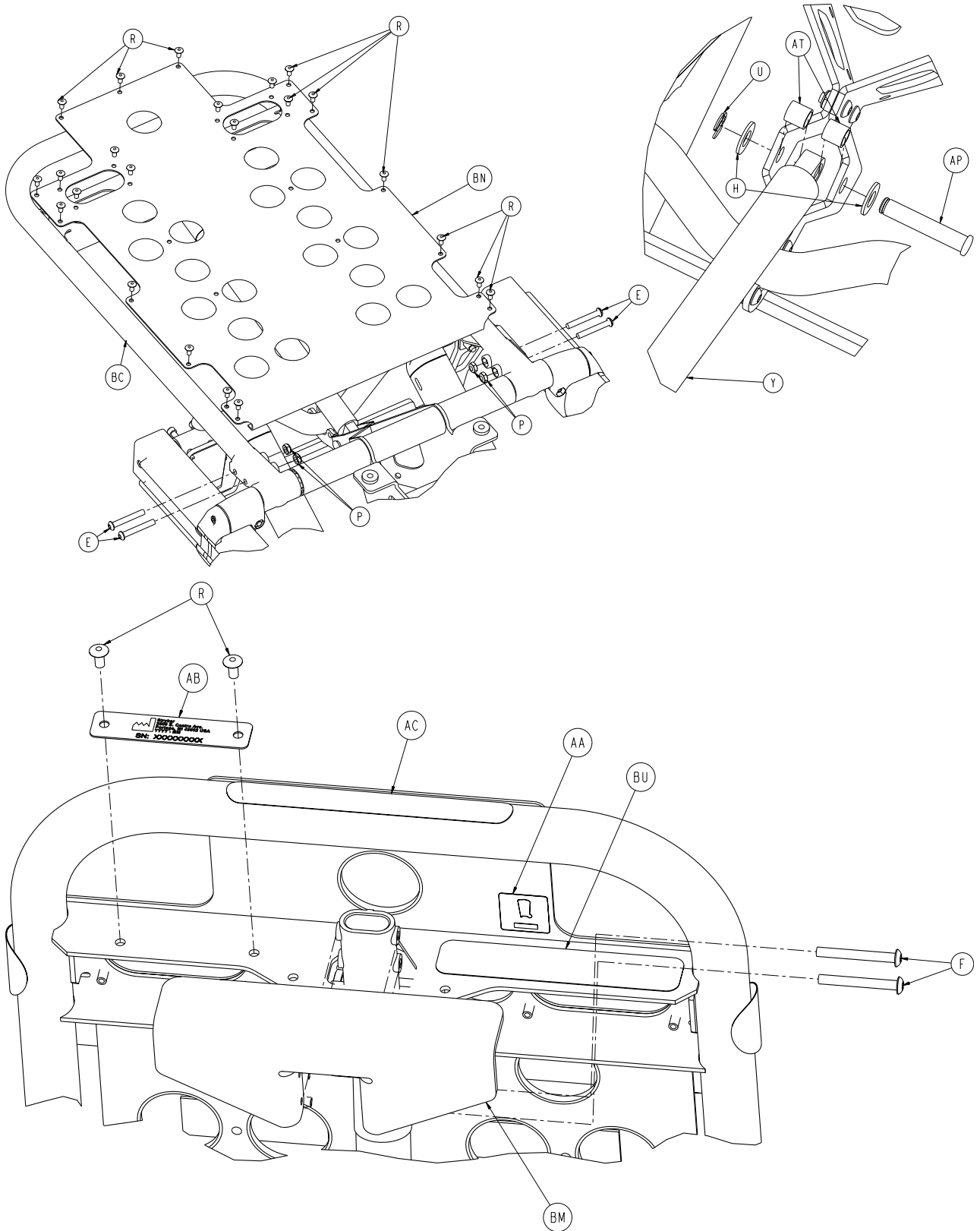
Cot assembly



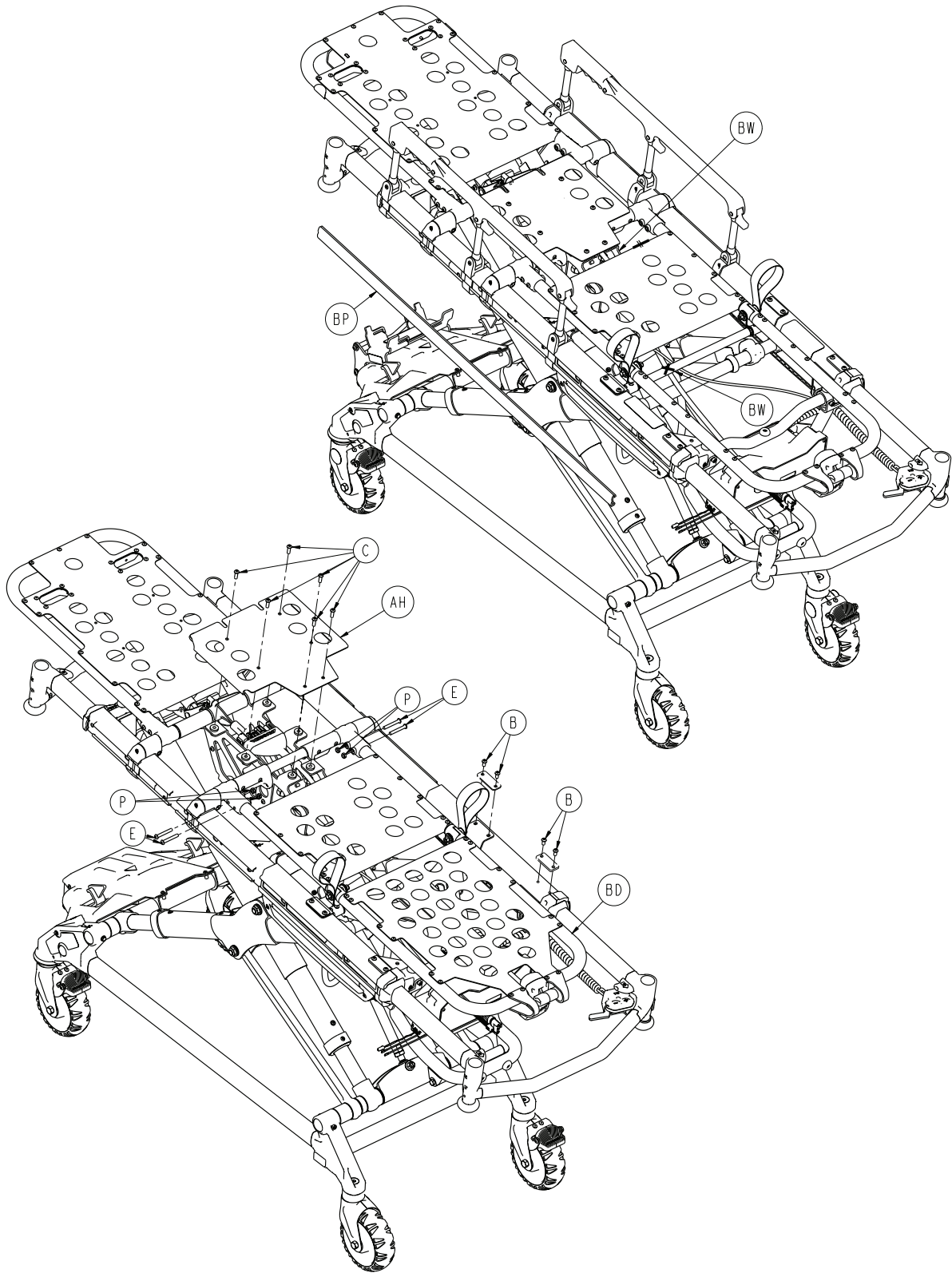
Cot assembly



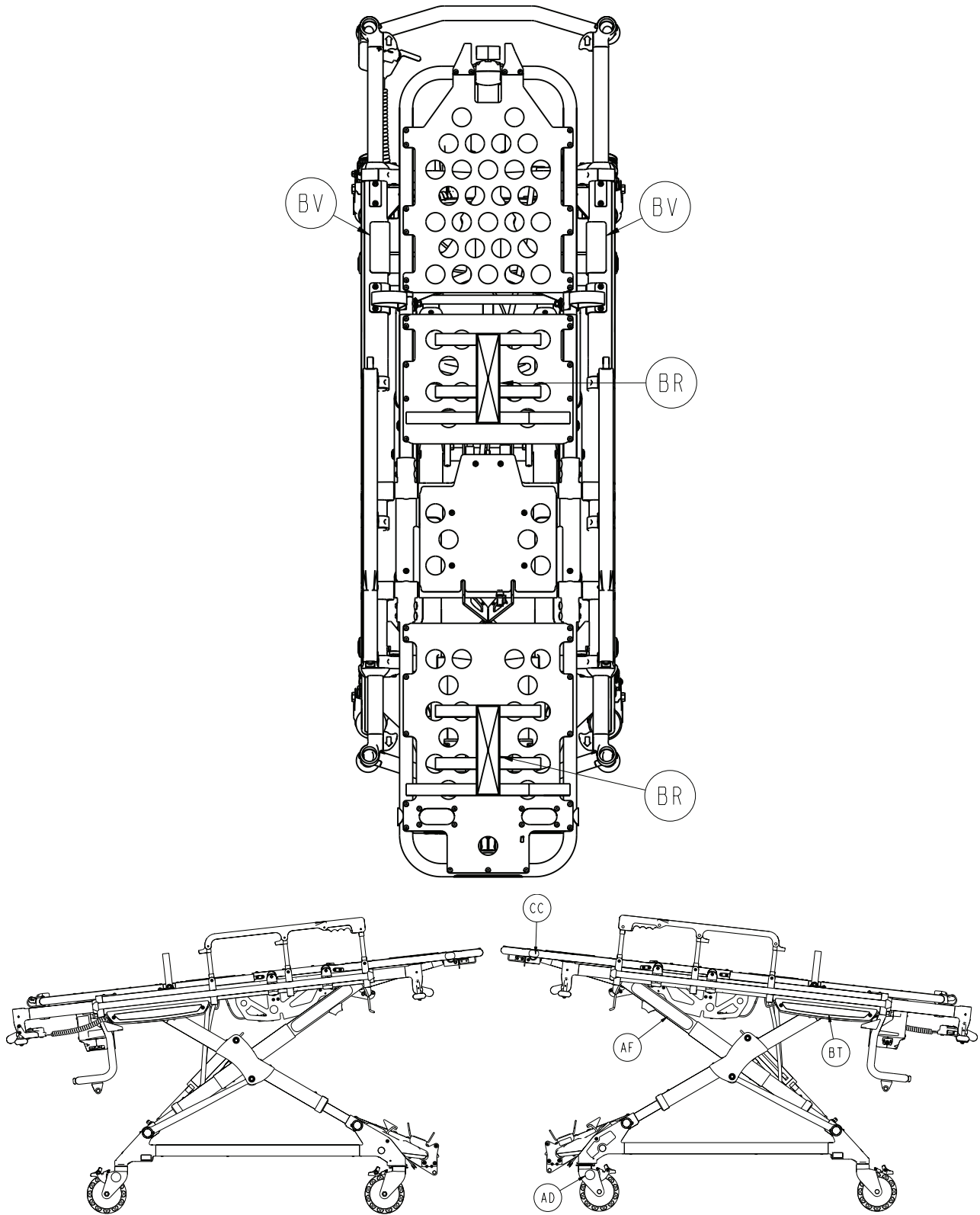
Cot assembly



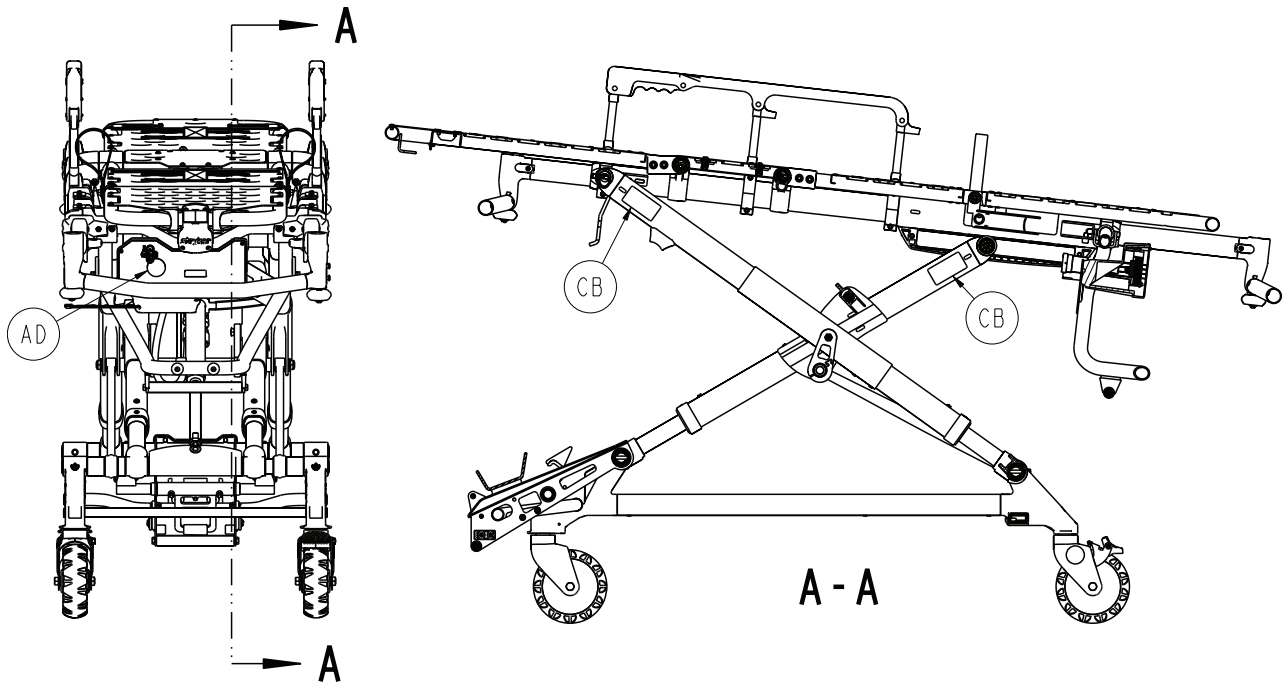
Cot assembly



Cot assembly



Cot assembly



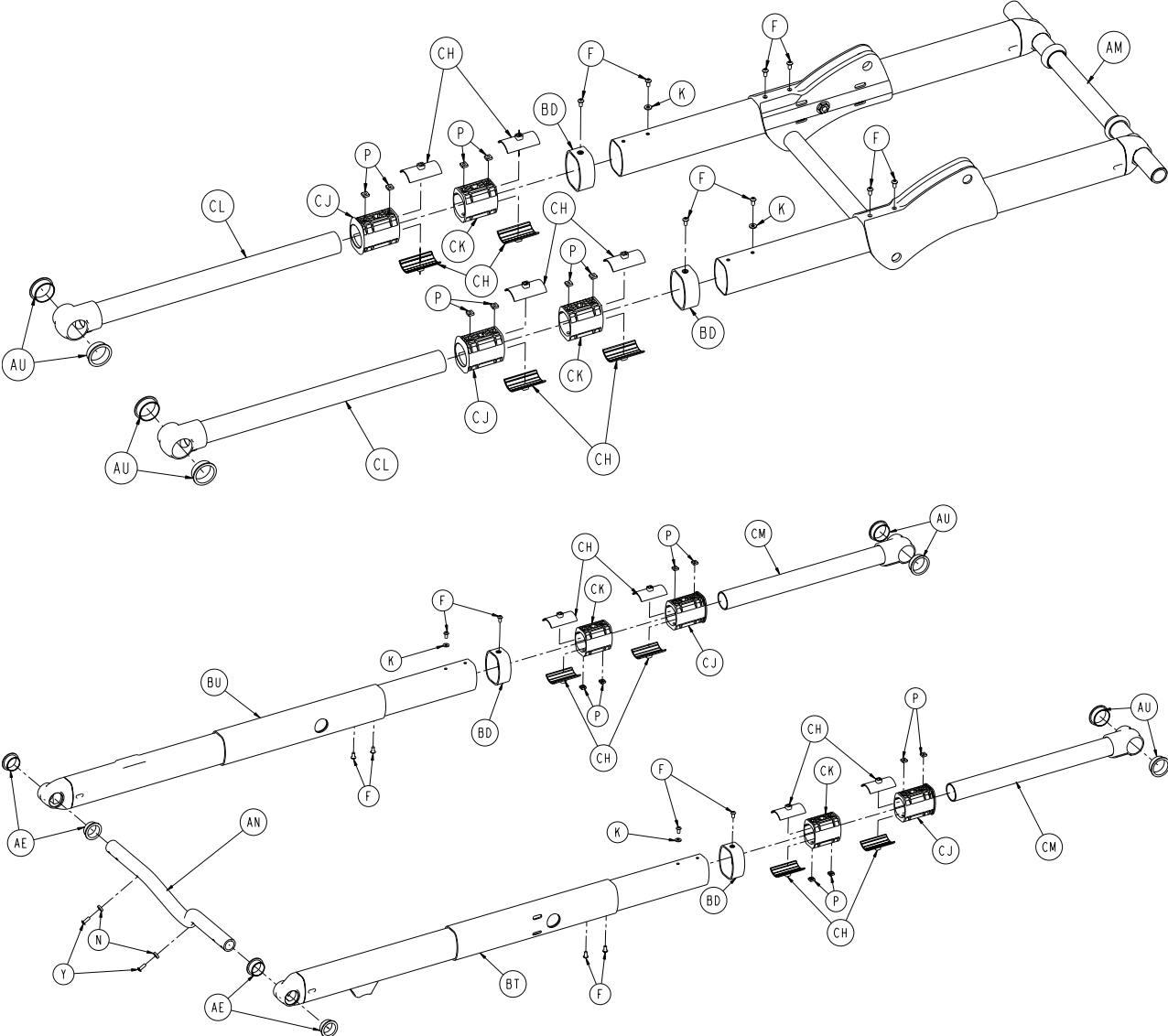
Item	Number	Name	Quantity
A	0004-585-000	Button head cap screw	4
B	0004-589-000	Button head cap screw	12
C	0004-592-000	Button head cap screw	6
D	0004-591-000	Button head cap screw	4
E	0004-596-000	Button head cap screw	8
F	0004-636-000	Button head cap screw	2
G	0004-852-000	Socket head cap screw	8
H	0011-004-000	Washer	2
J	0011-013-000	Washer	1
K	0014-040-000	Washer	2
L	0016-028-000	Nylock hex nut	2
M	0016-035-000	Nylock hex nut	1
N	0016-049-000	Nylock hex nut	2
P	0016-102-000	Nylock hex nut	10
R	0025-079-000	Rivet	25
T	0025-133-000	Rivet	9
U	0028-181-000	Truarc ring	1
V	0038-574-000	Crest-to-crest spring	2
W	0946-001-155	Bumper	5
Y	6500-031-077	Gas spring	1
AA	2030-009-901	Label, WEEE	1
AB	6060-090-002	Serial number tag	1
AC	6060-090-004	Label, small	1
AD	6506-001-900	Label	5
AF	6082-090-043	Label, Stryker	2
AG	6100-003-125	Straight "T" pivot	4

Cot assembly

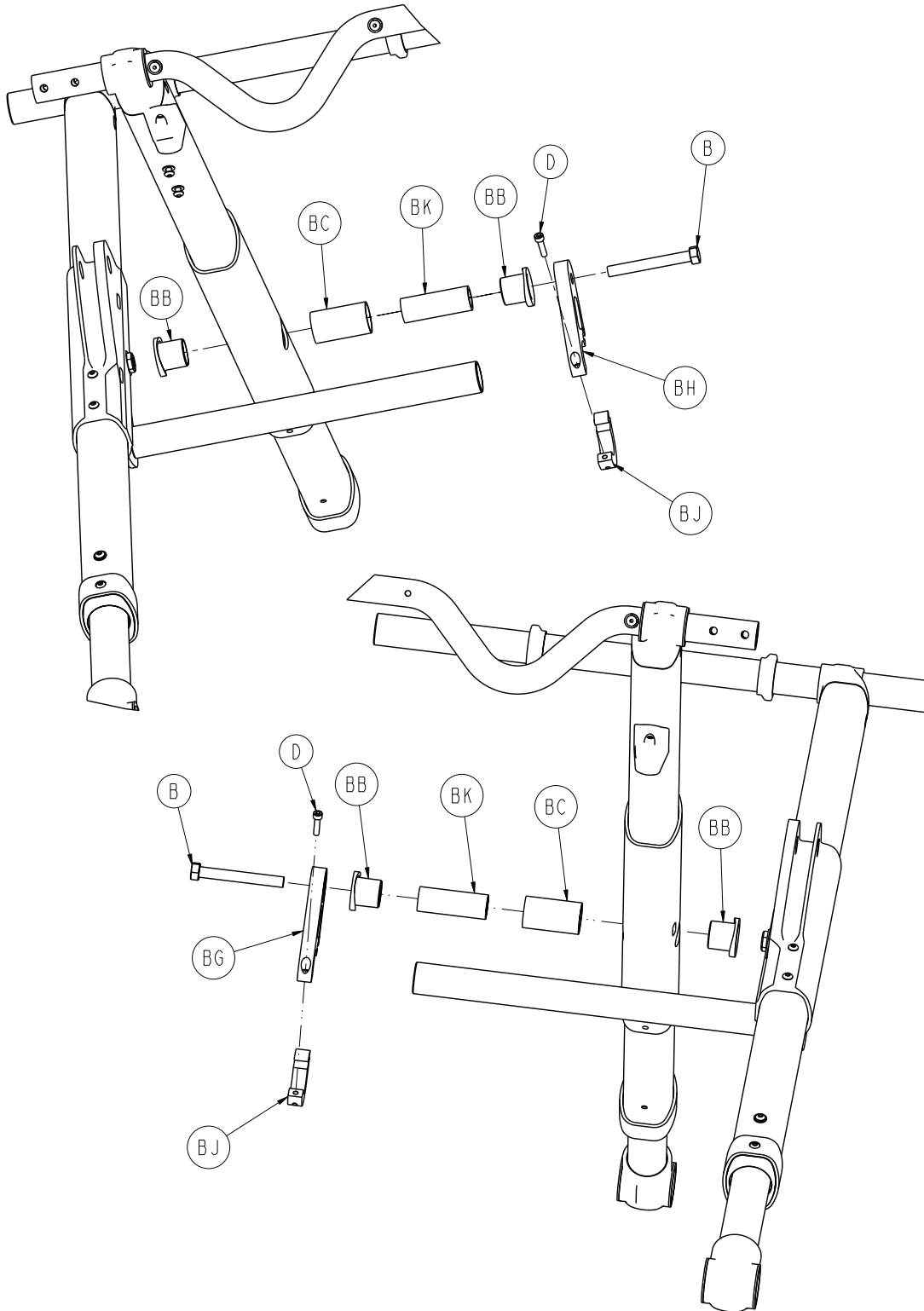
Item	Number	Name	Quantity
AH	6500-001-111	Mid section skin	1
AK	6500-001-123	Hall effects slider	2
AL	6500-001-128	Plastic extrusion spacer	2
AM	6500-001-157	Flange bearing	2
AN	6500-001-168	Rod attachment pin	1
AP	6085-101-143	Fowler cylinder pin	1
AR	6500-001-171	Cylinder mount cross tube	1
AT	6500-001-191	Fowler cylinder spacer	2
AU	6500-001-195	Motor mount casting	2
AV	6500-001-196	Litter cross brace	1
AW	6500-001-225	“D” washer	2
AY	0004-594-000	Button head cap screw	2
BA	6550-001-012	Base assembly on page 55	1
BB	6550-001-015	Telescoping foot end	1
BC	6550-001-018	Fowler assembly	1
BD	6550-001-019	Gatch assembly	1
BE	6550-001-020	Telescoping head section	1
BF	6550-001-022	Hitch assembly, foot end on page 81	1
BG	6550-101-031	Mounted hydraulics assembly on page 78	1
BK	6550-001-090	Litter hitch interface, head end	1
BL	6550-001-091	Litter cross tube, foot end	1
BM	6550-001-099	Fowler release handle	1
BN	6550-001-102	Backrest skin	1
BP	6550-001-170	Outer rail bumper	2
BR	6550-001-197	Velcro® strap	2
BT	6550-101-233	Label, Power-PRO TL	2
BU	6550-101-234	Label, Power-PRO TL specification	1
BV	6085-101-155	Label, weight capacity	2
BW	0059-211-000	11” nylon cable tie	3
BY	0004-634-000	Button head cap screw	1
CA	6500-002-195	Collar	1
CB	6252-101-139	Label, do not lubricate	4
CC	6506-001-901	Label, no pushing	2

Base assembly

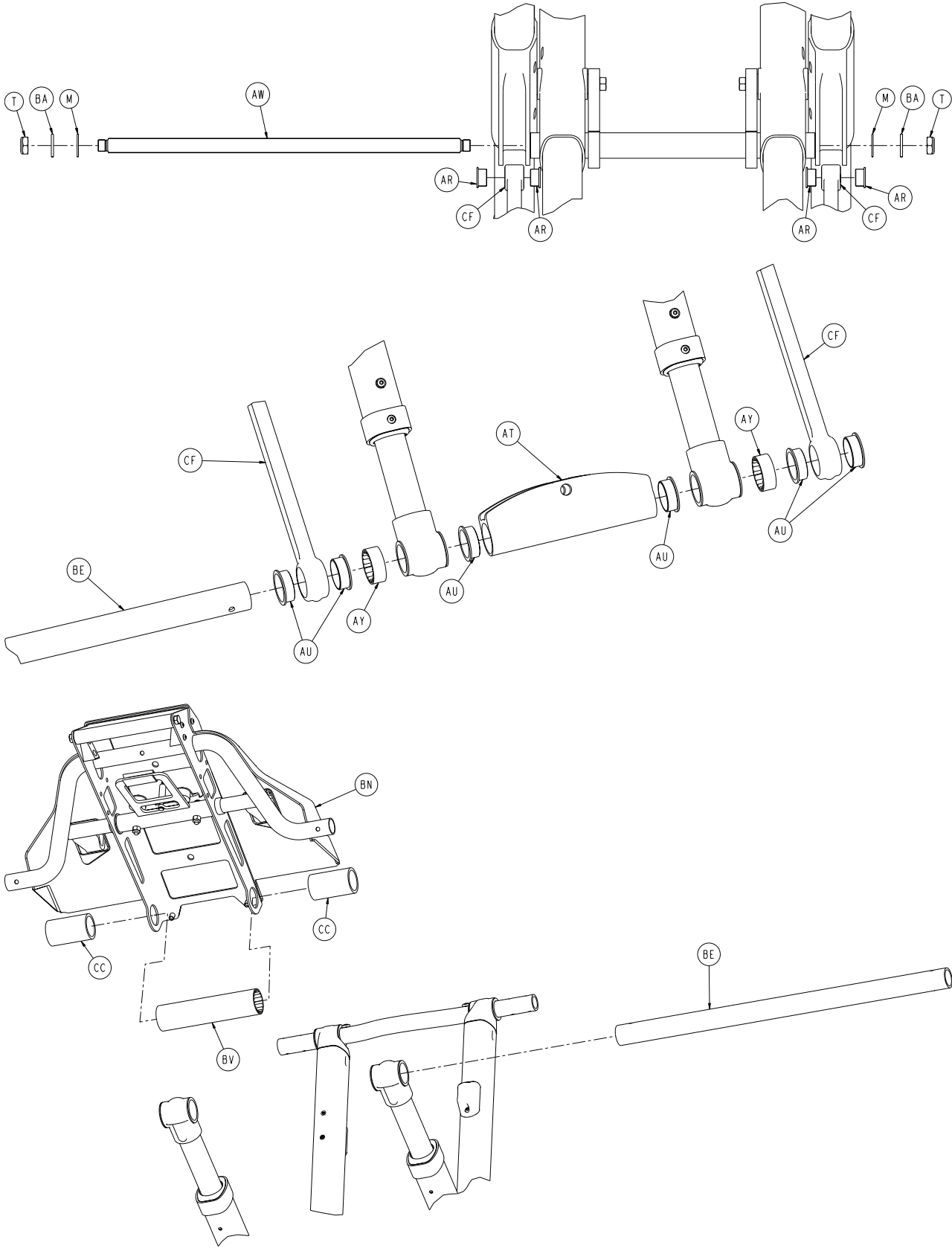
6550-001-012 Rev J (Reference only)



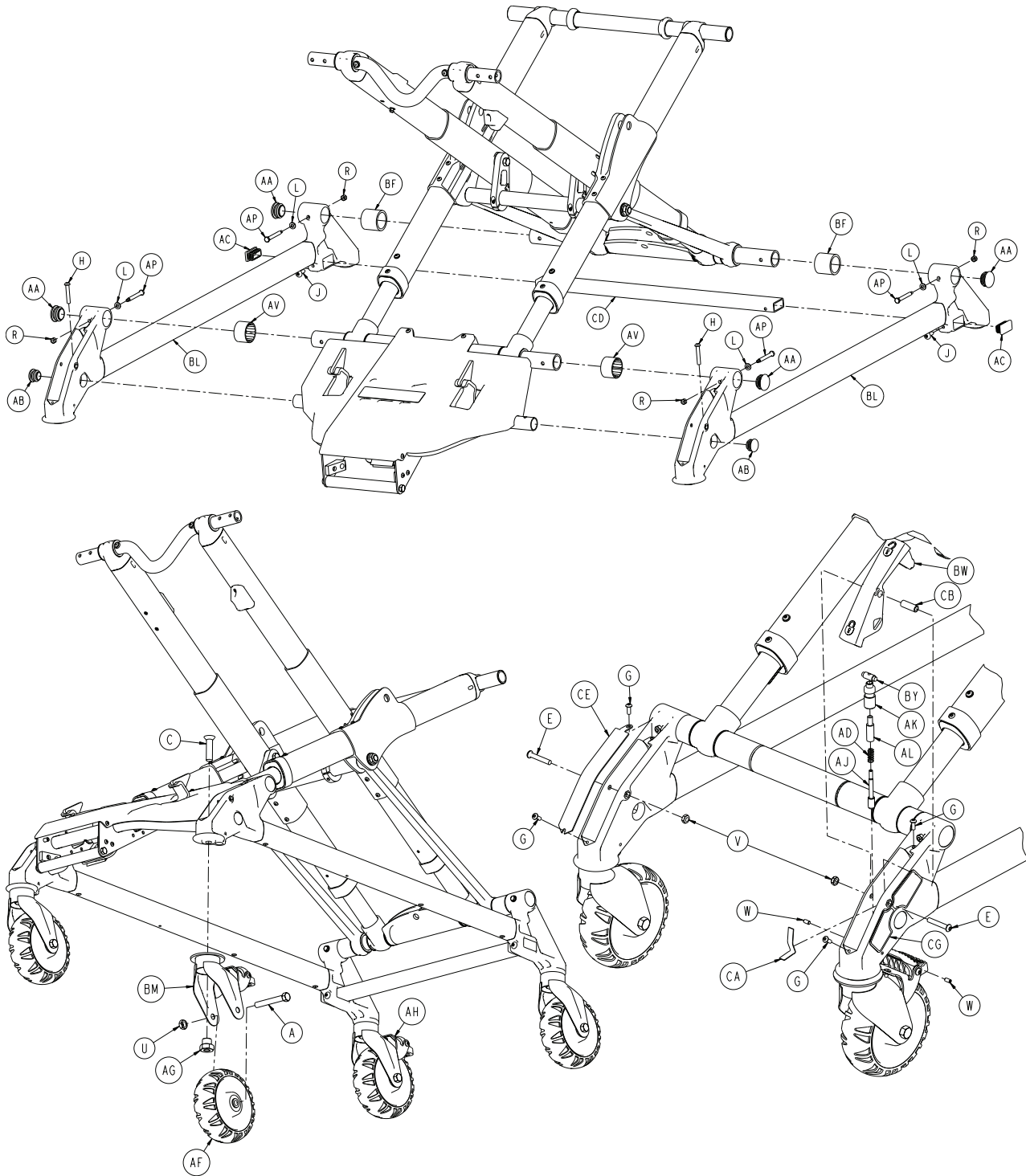
Base assembly



Base assembly



Base assembly



Item	Number	Name	Quantity
A	0003-205-000	Hex head cap screw	4
B	0003-388-000	Hex head cap screw	2
C	0004-319-000	Flat head socket screw	4
D	0004-659-000	Socket head cap screw	2
E	0004-376-000	Button head cap screw	2

Base assembly

Item	Number	Name	Quantity
F	0004-587-000	Button head cap screw	16
G	0004-634-000	Button head cap screw	4
H	0004-848-000	Button head cap screw	2
J	0007-086-000	Truss head screw	2
K	0011-062-000	Washer	4
L	0014-002-000	Washer	4
M	0014-040-000	Washer	2
N	0014-115-000	Washer	2
P	0015-051-000	Square nut	16
R	0016-002-000	Fiberlock hex nut	4
T	0016-049-000	Nylock hex nut	2
U	0016-060-000	Toplock hex jam nut	4
V	0016-102-000	Nylock hex nut	2
W	0021-180-000	Set screw	2
Y	0025-133-000	Rivet	2
AA	0037-083-000	Tube plug	4
AB	0037-243-000	Tube plug	2
AC	0037-244-000	Hole plug	2
AD	0038-382-000	Compression spring	1
AE	0081-244-000	Flange bearing	4
AF	6060-002-010	6" molded wheel assembly	4
AG	6090-001-009	Caster nut	4
AH	6100-003-022	Brake and caster assembly	1
AJ	6100-003-136	Steer lock pin	1
AK	6100-203-135	Pin sleeve-steer lock	1
AL	6100-203-136	Steer lock plastic bushing	1
AM	6500-001-056	Inner tube base frame	1
AN	6500-001-090	Cross tube, head end	1
AP	6500-001-145	Caster mount spacer	4
AR	6500-001-162	Flange bearing	4
AT	6500-001-165	Cylinder mount pivot, bottom	1
AU	6500-001-166	Flange bearing	14
AV	6500-001-178	Base spacer, outer	2
AW	6500-001-182	Stiffener bar cross tube	1
AY	6500-001-183	Base spacer, outer	2
BA	6500-001-225	"D" washer	2
BB	6500-001-226	Base tube pivot bearing	4
BC	6500-001-227	Base tube pivot post	2
BD	6500-001-228	Inner lift tube sleeve	4
BE	6500-001-229	Base tube, foot	2
BF	6550-001-203	Solid spacer, foot end	2
BG	6500-001-308	Base strap, right	1
BH	6500-001-309	Base strap, left	1
BJ	6500-001-310	Base strap clamp	2
BK	6500-001-341	Base tube pivot Post	2

Base assembly

Item	Number	Name	Quantity
BL	6550-001-013	Outer base tube assembly	2
BM	6550-001-016	Wheel lock caster, steer lock	1
BN	6550-001-021	Hitch assembly, head end on page 67	1
BT	6550-001-034	Inner lift tube assembly, litter pivot, right	1
BU	6550-001-035	Inner lift tube assembly, litter pivot, left	1
BV	6550-001-085	Base spacer, outer	1
BW	6550-001-103	Steer lock pedal	1
BY	6550-001-104	Steer lock cross piece	1
CA	6550-001-105	Steer lock spring	1
CB	6550-001-107	Steer lock pivot	1
CC	6550-001-204	Solid spacer, head end	2
CD	6550-001-171	Rectangular cross tube, foot end	1
CE	6550-001-179	Steer lock cover	1
CF	6550-001-200	Support link	2
CG	6550-001-106	Label, steerlock	1
CH	6500-101-327	Half shell bearing	16
CJ	6500-001-328	Lower bearing carrier	4
CK	6500-001-329	Middle bearing carrier	4
CL	6500-301-051	Base pivot lift tube weldment	2
CM	6550-101-066	Inner lift tube weldment, base pivot	2

Two wheel lock option

6550-500-000 Rev A (Reference only)

Item	Number	Name	Quantity
A	6082-002-012	Caster horn assembly on page 63	2

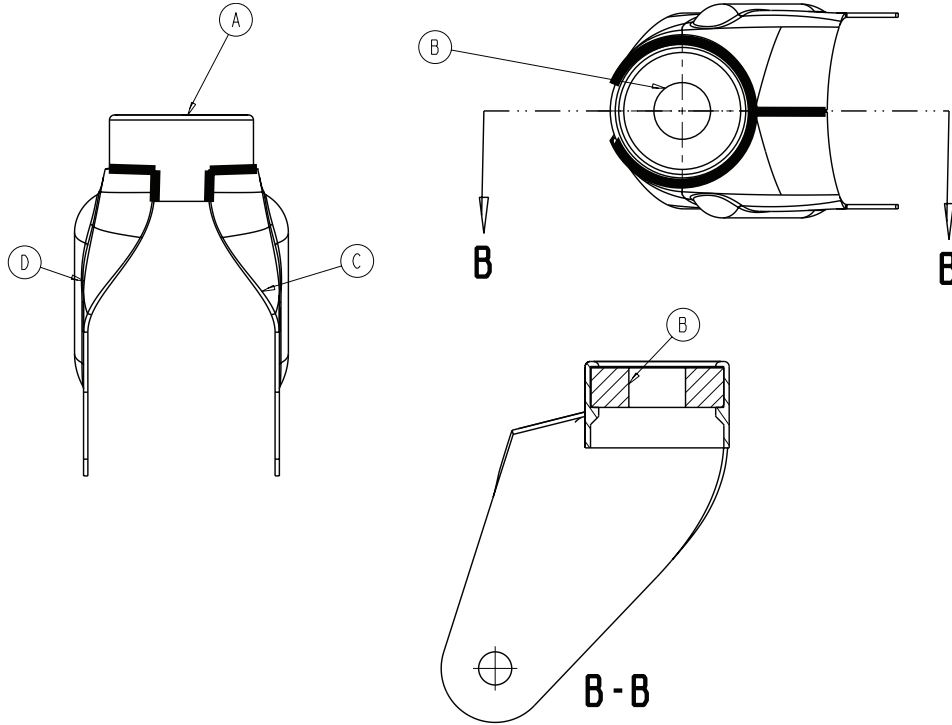
Four wheel lock option

6550-501-000 Rev B (Reference only)

Item	Number	Name	Quantity
A	6100-003-022	Adjustable caster lock assembly on page 64	2
B	6506-001-900	Label	4

Caster horn assembly

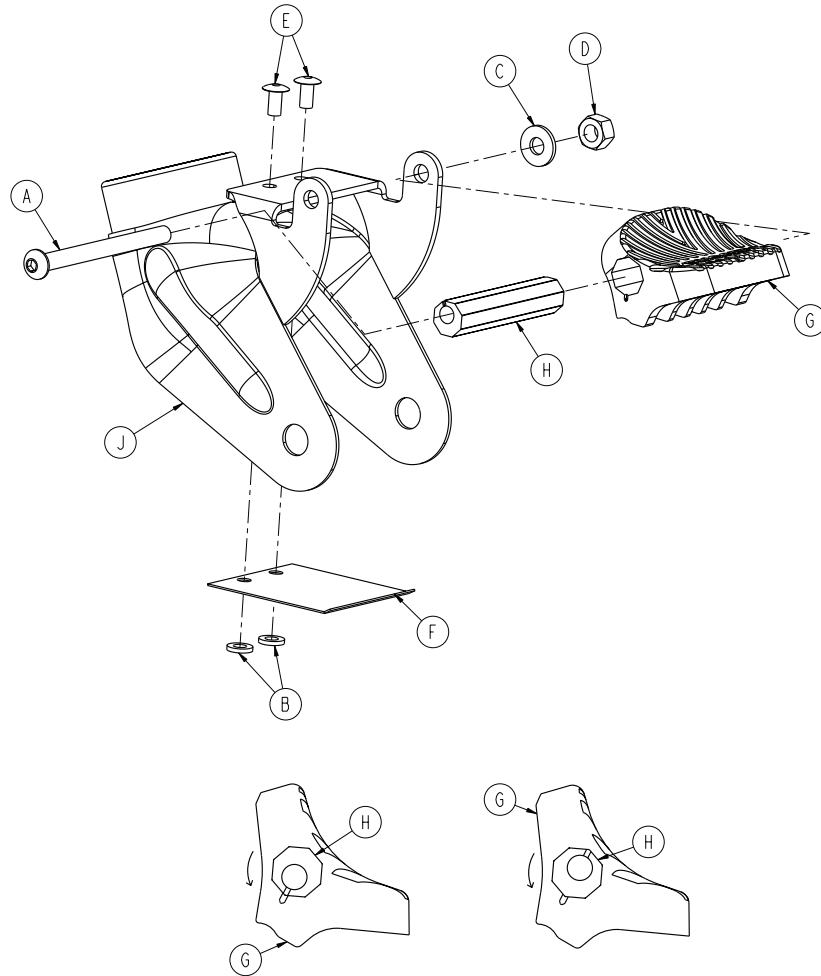
6082-002-012 Rev C (Reference only)



Item	Number	Name	Quantity
A	6082-002-039	Bearing retainer	1
B	0081-227-000	Bearing	1
C	6082-002-042	Caster horn plate, left	1
D	6082-002-043	Caster horn plate, right	1

Adjustable caster lock assembly

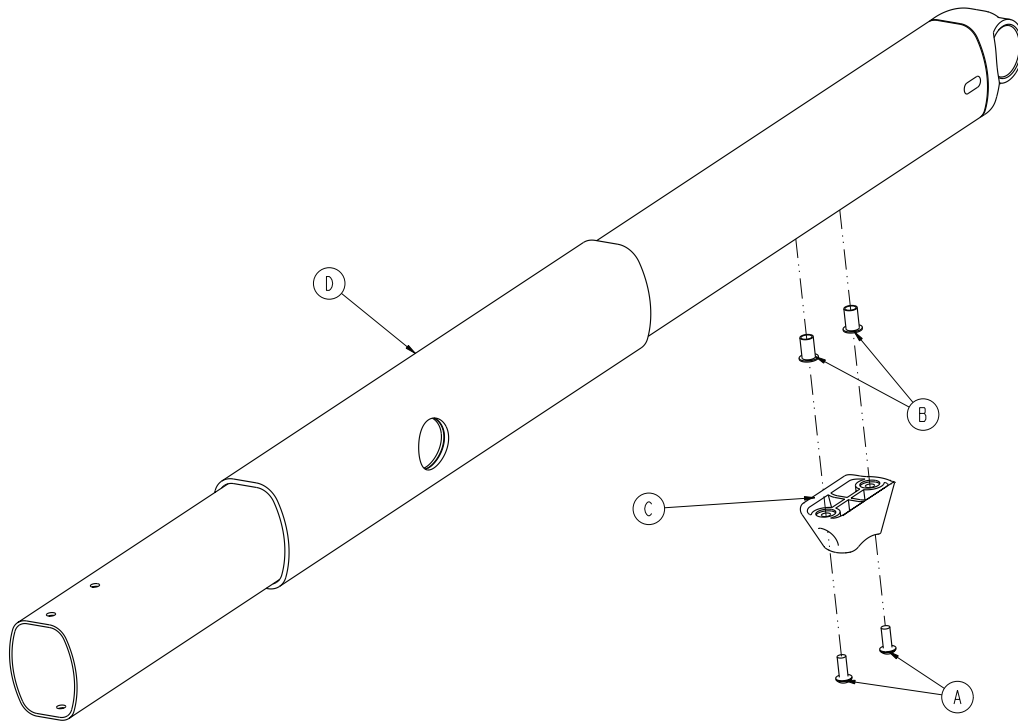
6100-003-022 Rev C (Reference only)



Item	Number	Name	Quantity
A	0004-098-000	Button head cap screw	1
B	0011-454-000	Washer	2
C	0011-456-000	Washer	1
D	0016-118-000	Stover hex lock nut	1
E	0025-079-000	Dome head rivet	2
F	6080-100-032	Spring	1
G	6080-300-030	Adjustable caster lock pedal	1
H	6080-200-041	Octagonal sleeve	1
J	6100-003-055	Caster weldment, foot end	1

Inner lift tube assembly, litter pivot, right - 6550-001-034

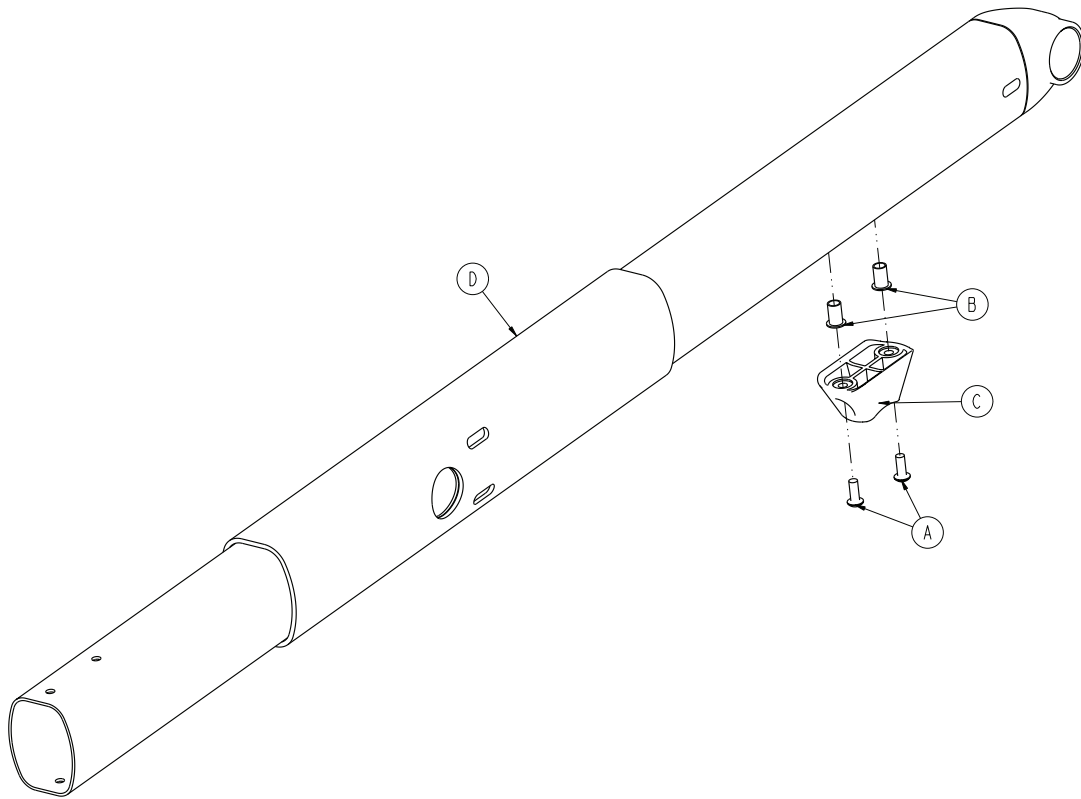
Rev C (Reference only)



Item	Number	Name	Quantity
A	0004-634-000	Button head cap screw	2
B	0055-100-075	Riv nut	2
C	6500-001-125	Base dead stop	1
D	6550-001-260	Litter pivot inner lift tube weldment	1

Inner lift tube assembly, litter pivot, left - 6550-001-035

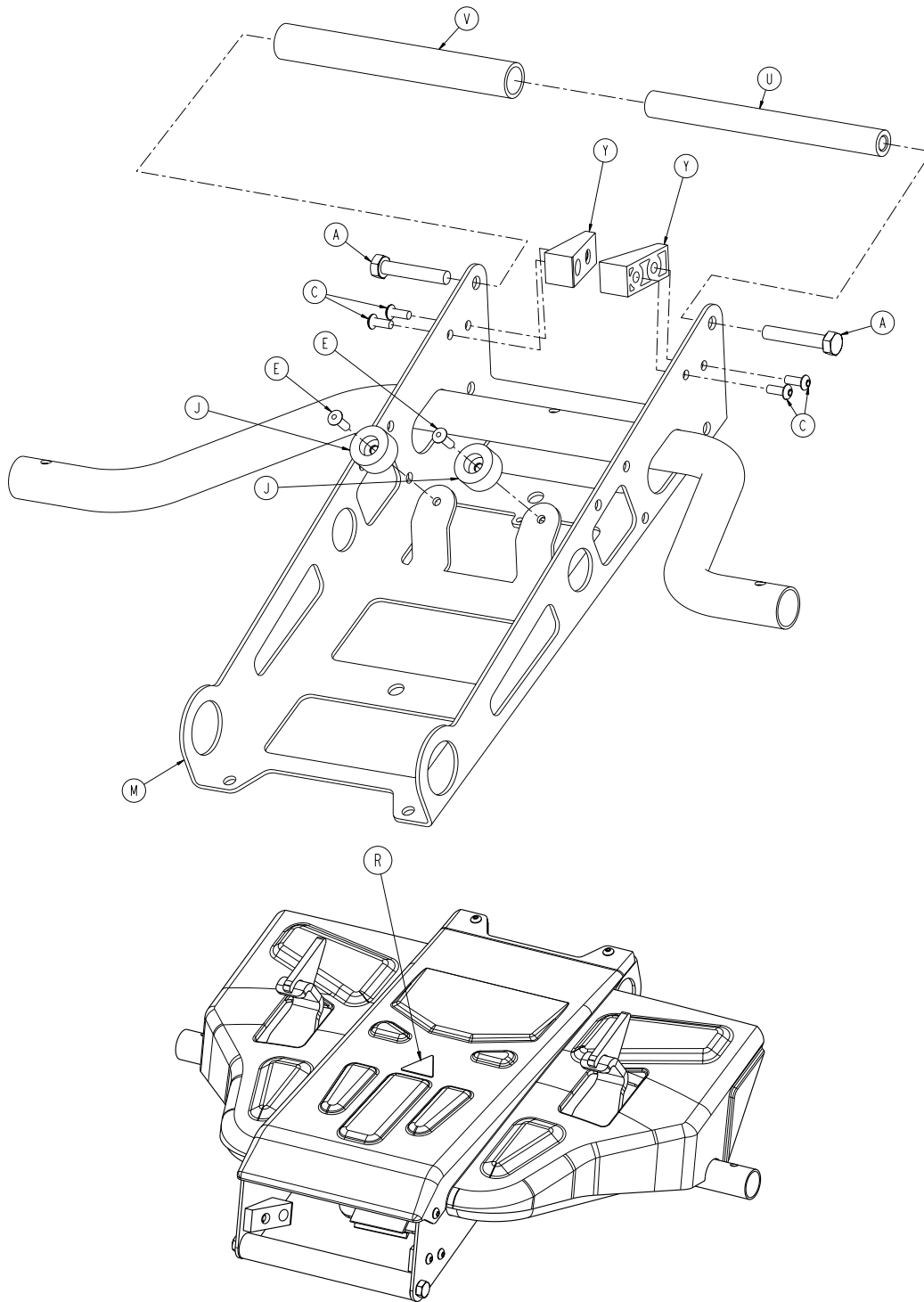
Rev C (Reference only)



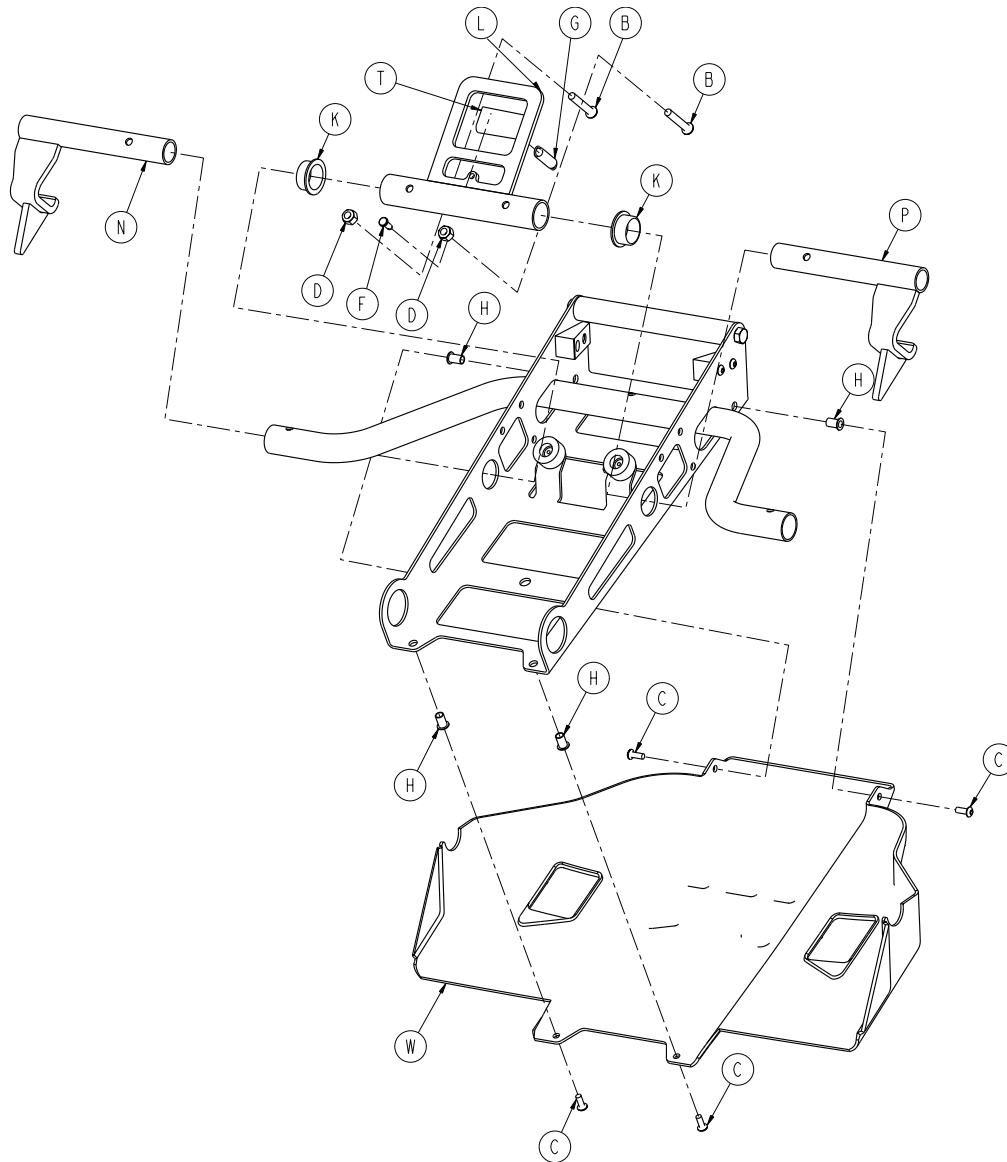
Item	Number	Name	Quantity
A	0004-634-000	Button head cap screw	2
B	0055-100-075	Riv nut	2
C	6500-001-125	Base dead stop	1
D	6550-101-058	Litter pivot inner lift tube weldment	1

Hitch assembly, head end

6550-001-021 Rev C (Reference only)



Hitch assembly, head end



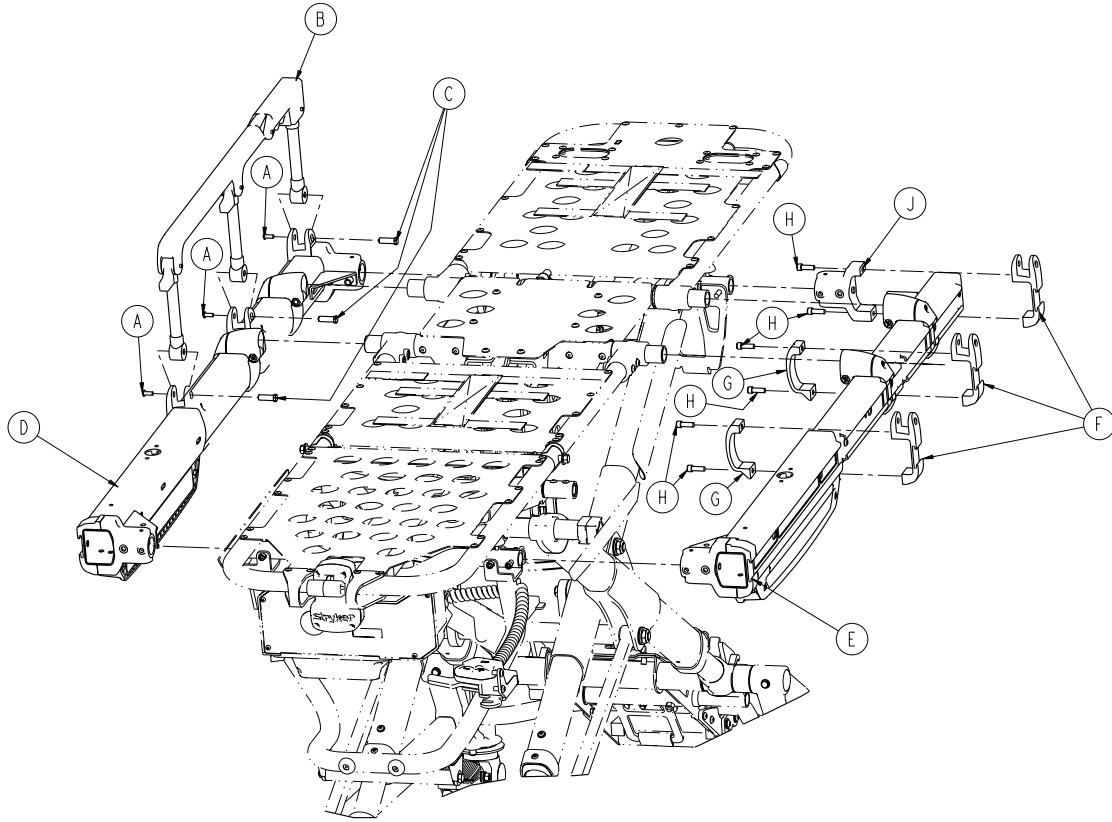
Item	Number	Name	Quantity
A	0003-391-000	Hex head cap screw	2
B	0004-376-000	Button head cap screw	2
C	0004-634-000	Button head cap screw	8
D	0016-028-000	Fiberlock hex nut	2
E	0025-133-000	Rivet	2
F	0026-385-000	Clevis pin	1
G	0038-588-000	Extension spring	1
H	0055-100-075	Riv nut	4
J	0056-016-000	Bumper	2
K	0081-012-002	Flange bearing	2
L	6550-001-054	Crash connect center weldment	1
M	6550-001-055	Case weldment hitch, head end	1
N	6550-001-059	Crash connect center weldment, left	1

Hitch assembly, head end

Item	Number	Name	Quantity
P	6550-001-063	Crash connect center weldment, right	1
R	6550-101-083	Label, hitch pinch point, head end	1
T	6550-001-087	Hitch wear strip, head end	1
U	6550-001-134	Hitch bar, head end	1
V	6550-001-140	Hitch bar sleeve, head end	1
W	6550-001-174	Hitch cover, head end	1
Y	6550-001-175	Hitch guide, head end	2

Standard siderail

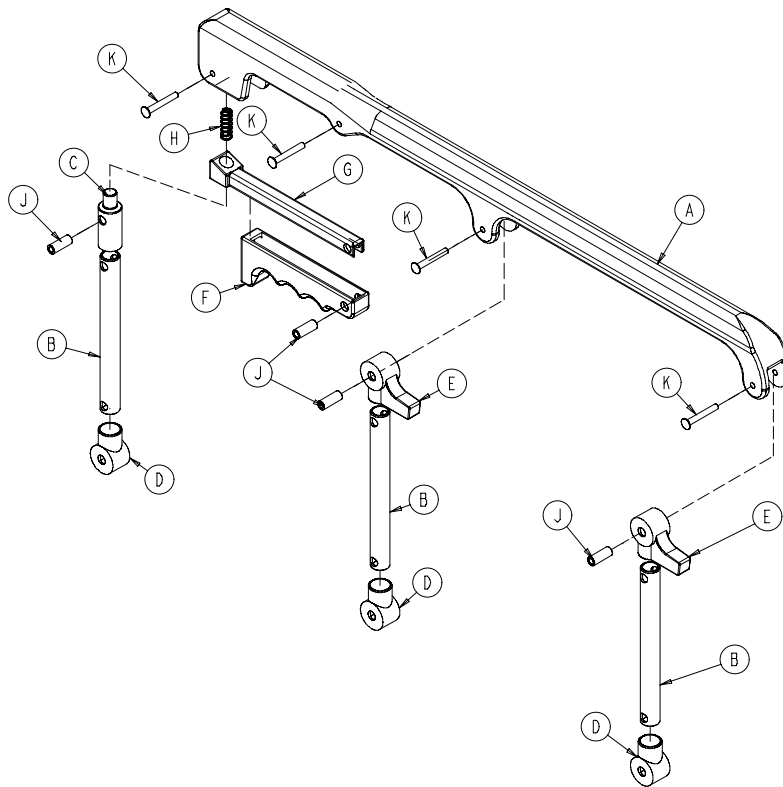
6550-034-000 Rev A (Reference only)



Item	Number	Name	Quantity
A	0004-585-000	Button head cap screw	6
B	6082-026-010	Siderail assembly - 6082-026-010 on page 71	2
C	6500-001-118	Siderail nut	6
D	6550-101-032	Outer rail, right on page 72	1
E	6550-101-033	Outer rail, left on page 73	1
F	6500-001-116	Siderail bracket	6
G	6500-001-117	Siderail clamp	4
H	0004-591-000	Socket head cap screw	12
J	6500-001-102	Base/litter interface bracket	2

Siderail assembly - 6082-026-010

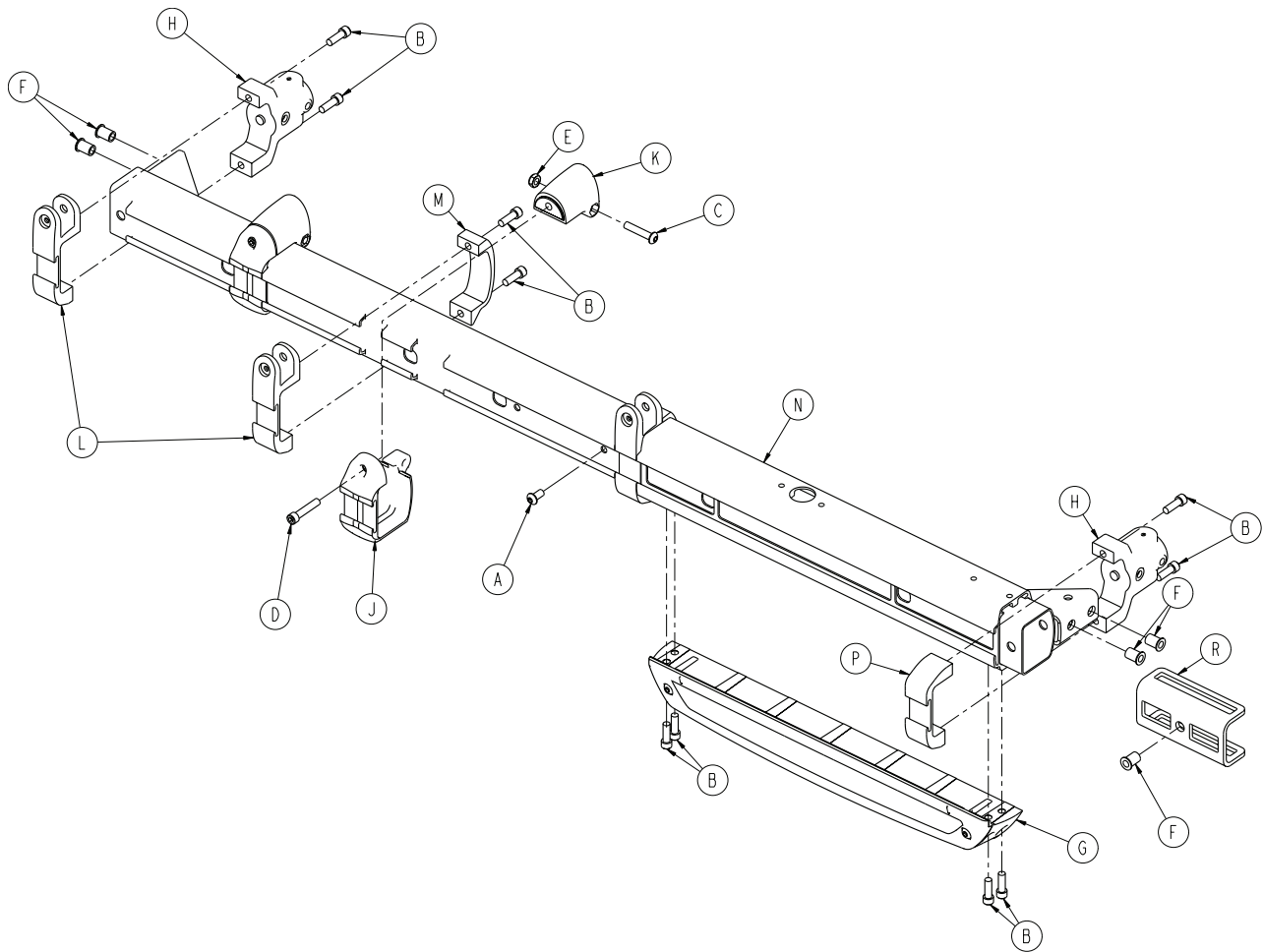
Rev B (Reference only)



Item	Number	Name	Quantity
A	6060-025-024	Top rail	1
B	6060-025-043	Spindle	3
C	6060-025-047	Spindle lock	1
D	6060-025-041	Spindle pivot	3
E	6060-025-040	Spindle pivot stop	2
F	6060-025-029	Lock release grip	1
G	6061-125-030	Lock bar casting	1
H	0038-344-000	Lock release compression spring	1
J	6060-025-035	Pivot bushing	4
K	0025-131-000	Rivet	4

Outer rail, right

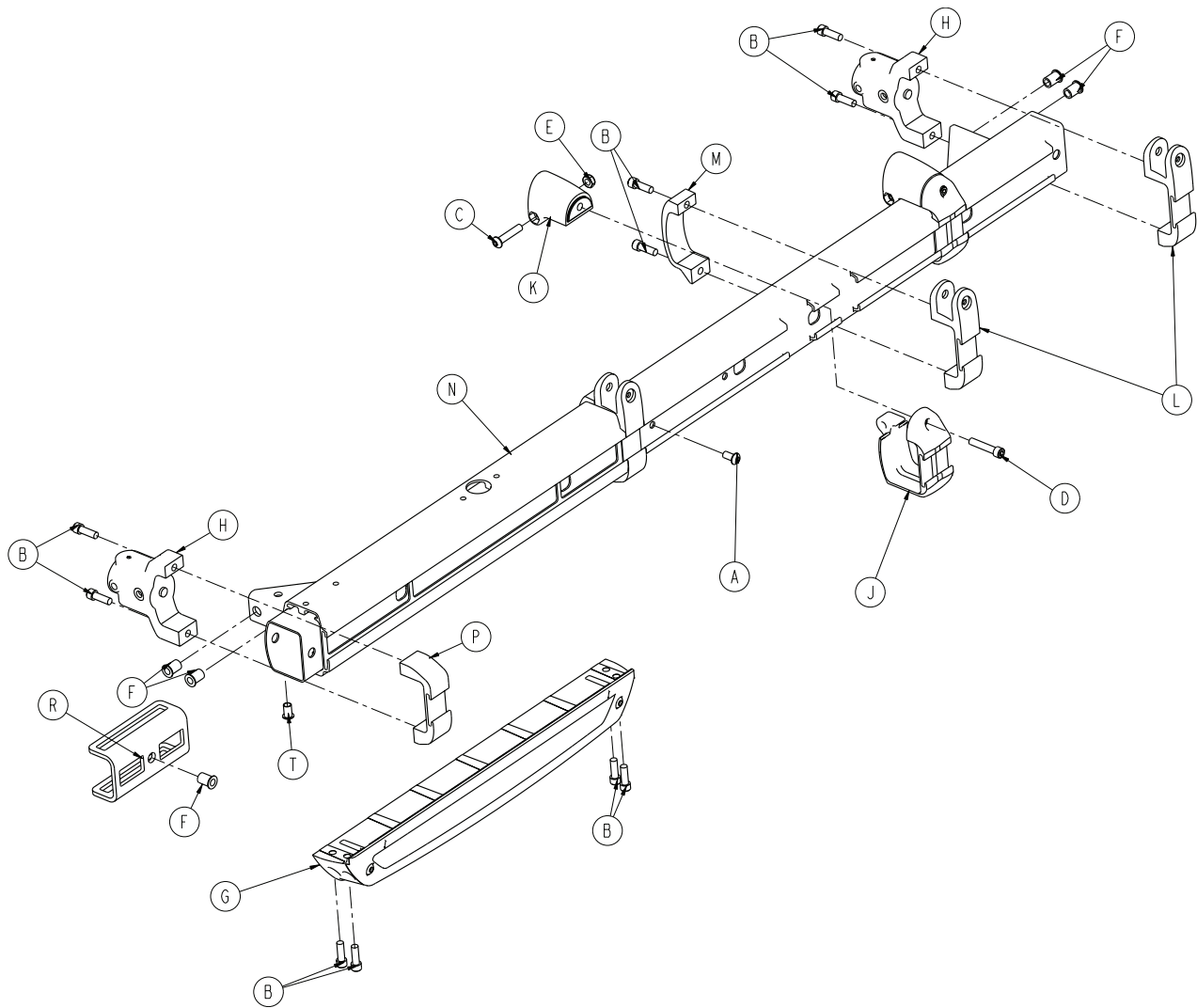
6550-101-032 Rev B (Reference only)



Item	Number	Name	Quantity
A	0004-589-000	Button head cap screw	1
B	0004-591-000	Socket head cap screw	6
C	0004-612-000	Button head cap screw	2
D	0004-613-000	Socket head cap screw	2
E	0016-102-000	Nylock nut	2
F	0055-100-076	Riv nut	5
G	6500-001-029	Empty sensor housing	1
H	6500-001-102	Base/litter interface bracket	1
J	6500-001-104	Litter support bracket, outside	2
K	6500-001-106	Litter support bracket, inside	2
N	6550-101-064	Outer rail weldment, right	1
P	6550-001-096	Outer rail clamp	1
R	6550-001-166	Dead stop	1

Outer rail, left

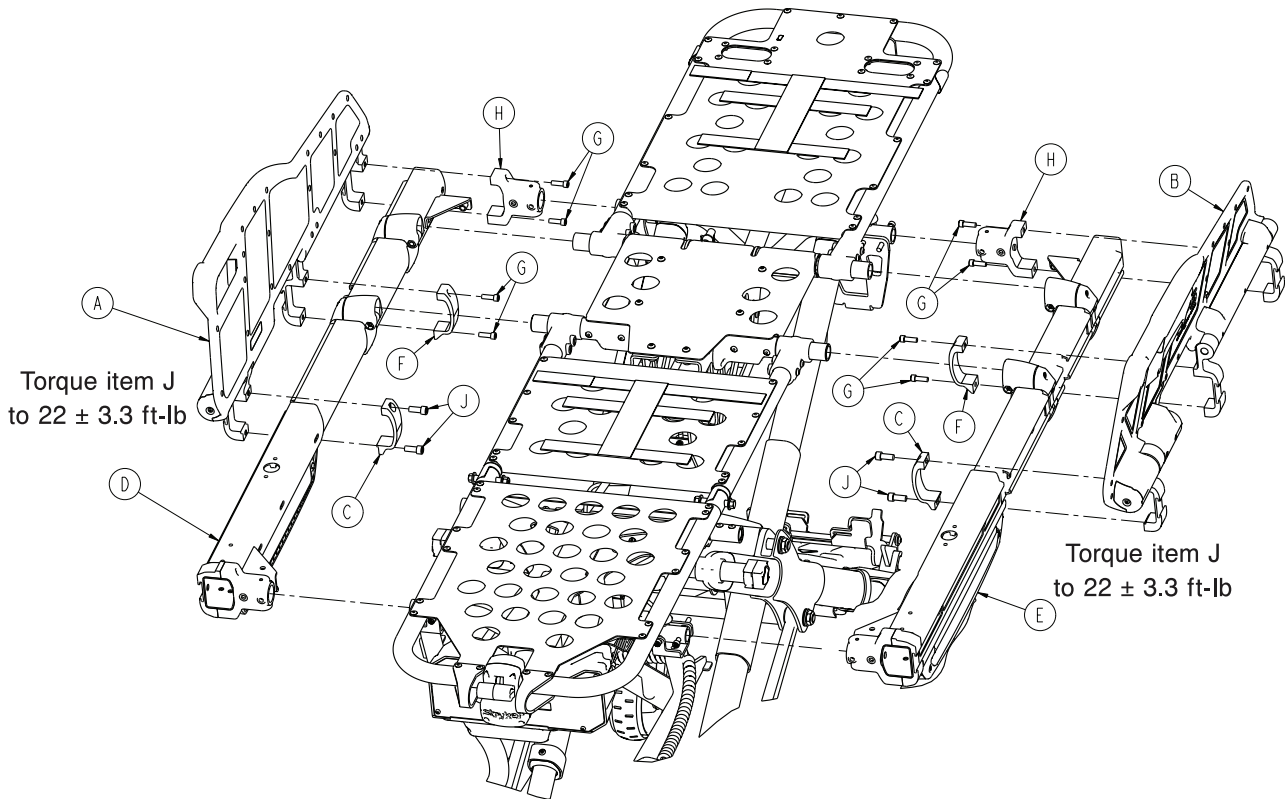
6550-101-033 Rev B (Reference only)



Item	Number	Name	Quantity
A	0004-589-000	Button head cap screw	1
B	0004-591-000	Socket head cap screw	6
C	0004-612-000	Button head cap screw	2
D	0004-613-000	Socket head cap screw	2
E	0016-102-000	Nylock hex nut	2
F	0055-100-076	Riv nut	5
G	6500-001-029	Empty sensor housing	1
H	6500-001-102	Base/litter interface bracket	1
J	6500-001-104	Litter support bracket, outside	2
K	6500-001-106	Litter support bracket, inside	2
N	6550-101-065	Outer rail weldment, left	1
P	6550-001-096	Outer rail clamp	1
R	6550-001-166	Dead stop	1
T	0055-100-075	Riv nut	1

Optional siderail (XPS option)

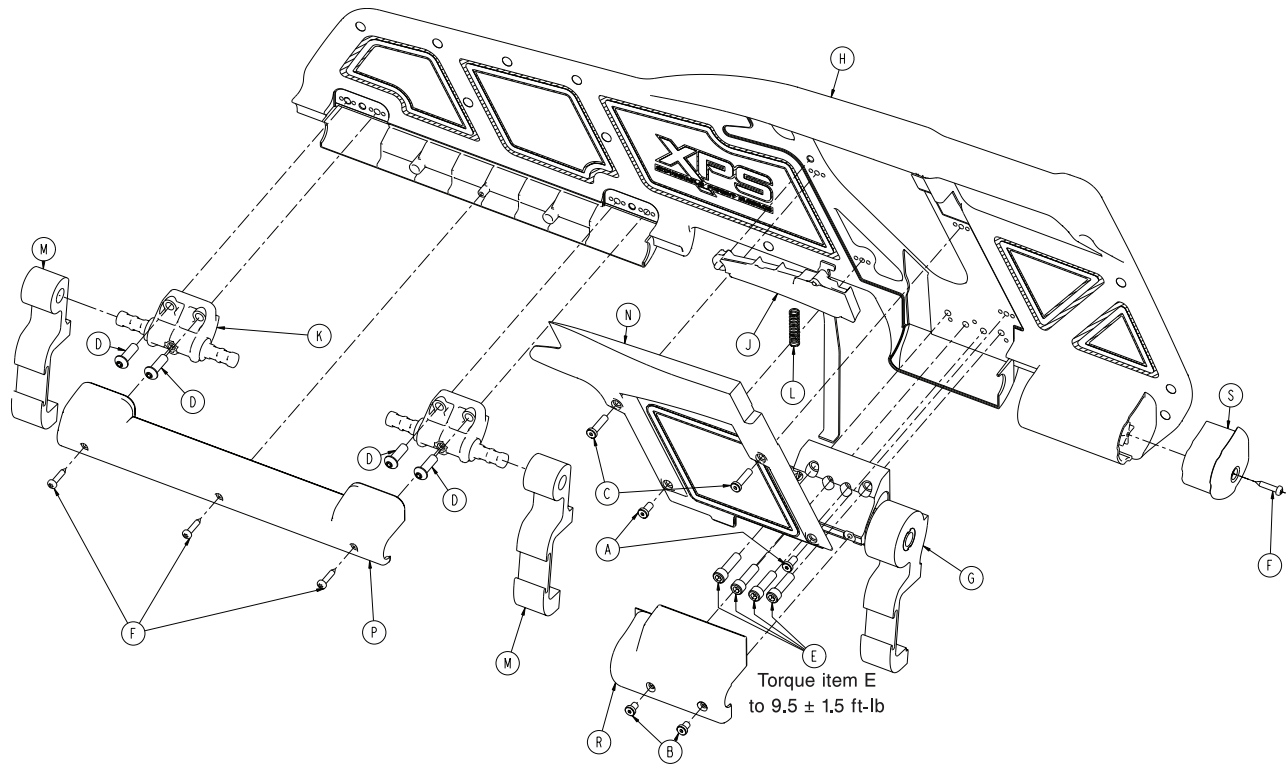
6550-031-000 Rev A (Reference only)



Item	Number	Name	Quantity
A	6500-003-034	XPS main assembly, right - 6500-003-034 on page 75	1
B	6500-003-044	XPS main assembly, left - 6500-003-044 on page 76	1
C	6500-003-099	XPS siderail clamp	2
D	6550-101-032	Outer rail, right on page 72	1
E	6550-101-033	Outer rail, left on page 73	1
F	6500-001-117	Siderail clamp	2
G	0004-591-000	Socket head cap screw	8
H	6500-001-102	Base/litter interface bracket	2
J	0004-900-000	Socket head cap screw	4

XPS main assembly, right - 6500-003-034

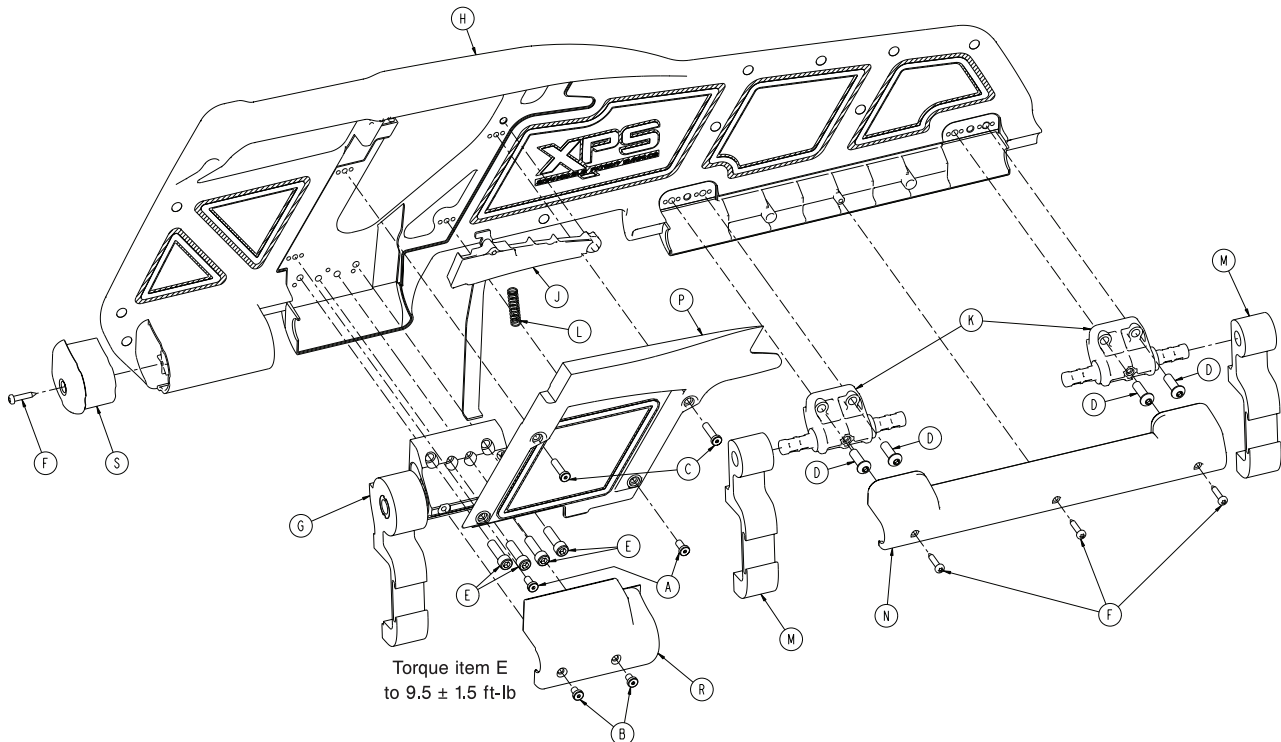
Rev C (Reference only)



Item	Number	Name	Quantity
A	0004-400-000	Socket head cap screw	2
B	0004-402-000	Socket head cap screw	2
C	0004-403-000	Socket head cap screw	2
D	0004-468-000	Button head cap screw	4
E	0004-661-000	Socket head cap screw	4
F	0023-297-000	Delta screw	4
G	6500-003-035	XPS ratchet assembly, right	1
H	6500-003-037	XPS overmold assembly, right	1
J	6500-003-043	XPS handle assembly, right	1
K	6500-003-084	Support pivot	2
L	6500-003-085	XPS spring handle	1
M	6500-003-086	XPS siderail pivot	2
N	6500-003-094	XPS release cover, right	1
P	6500-003-097	XPS pivot cover	1
R	6500-003-119	XPS ratchet cover, right/left	1
S	6500-003-121	End cap cover, right	1

XPS main assembly, left - 6500-003-044

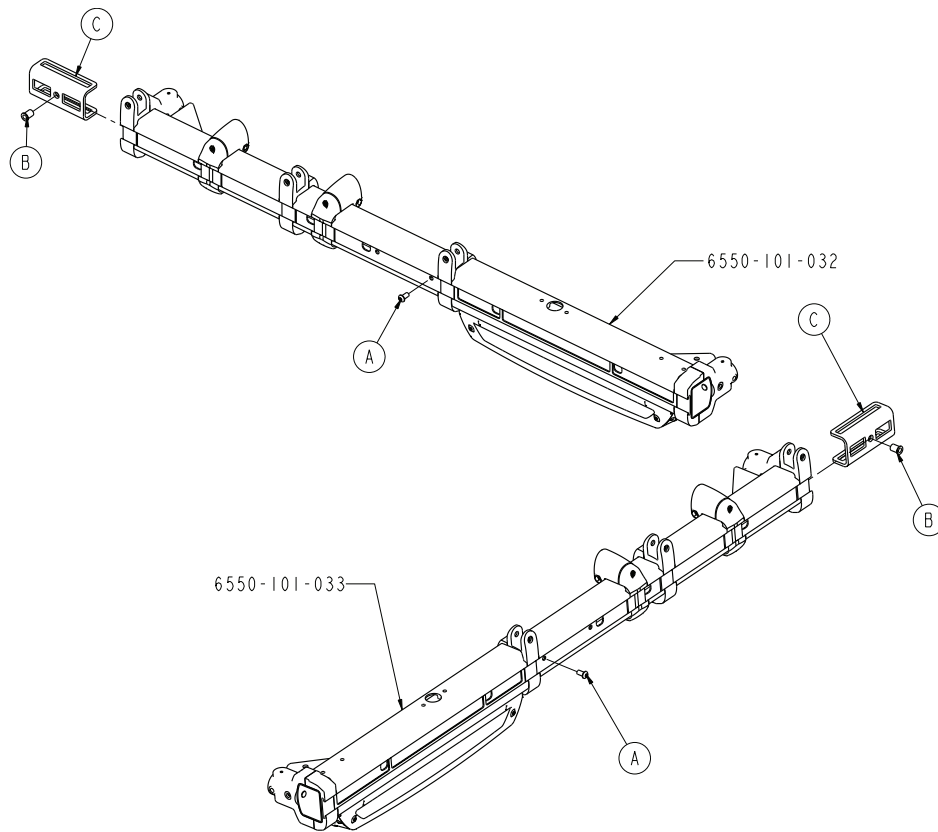
Rev C (Reference only)



Item	Number	Name	Quantity
A	0004-400-000	Socket head cap screw	2
B	0004-402-000	Socket head cap screw	2
C	0004-403-000	Socket head cap screw	2
D	0004-468-000	Button head cap screw	4
E	0004-661-000	Socket head cap screw	4
F	0023-297-000	Delta screw	4
G	6500-003-036	XPS ratchet assembly, right	1
H	6500-003-038	XPS overmold assembly, right	1
J	6500-003-045	XPS handle assembly, right	1
K	6500-003-084	Support pivot	2
L	6500-003-085	XPS spring handle	1
M	6500-003-086	XPS siderail pivot	2
N	6500-003-097	XPS pivot cover	1
P	6500-003-102	XPS release cover, left	1
R	6500-003-120	XPS ratchet cover, right/left	1
S	6500-003-122	End cap cover, right	1

Oxygen bottle holder option - 6550-150-000

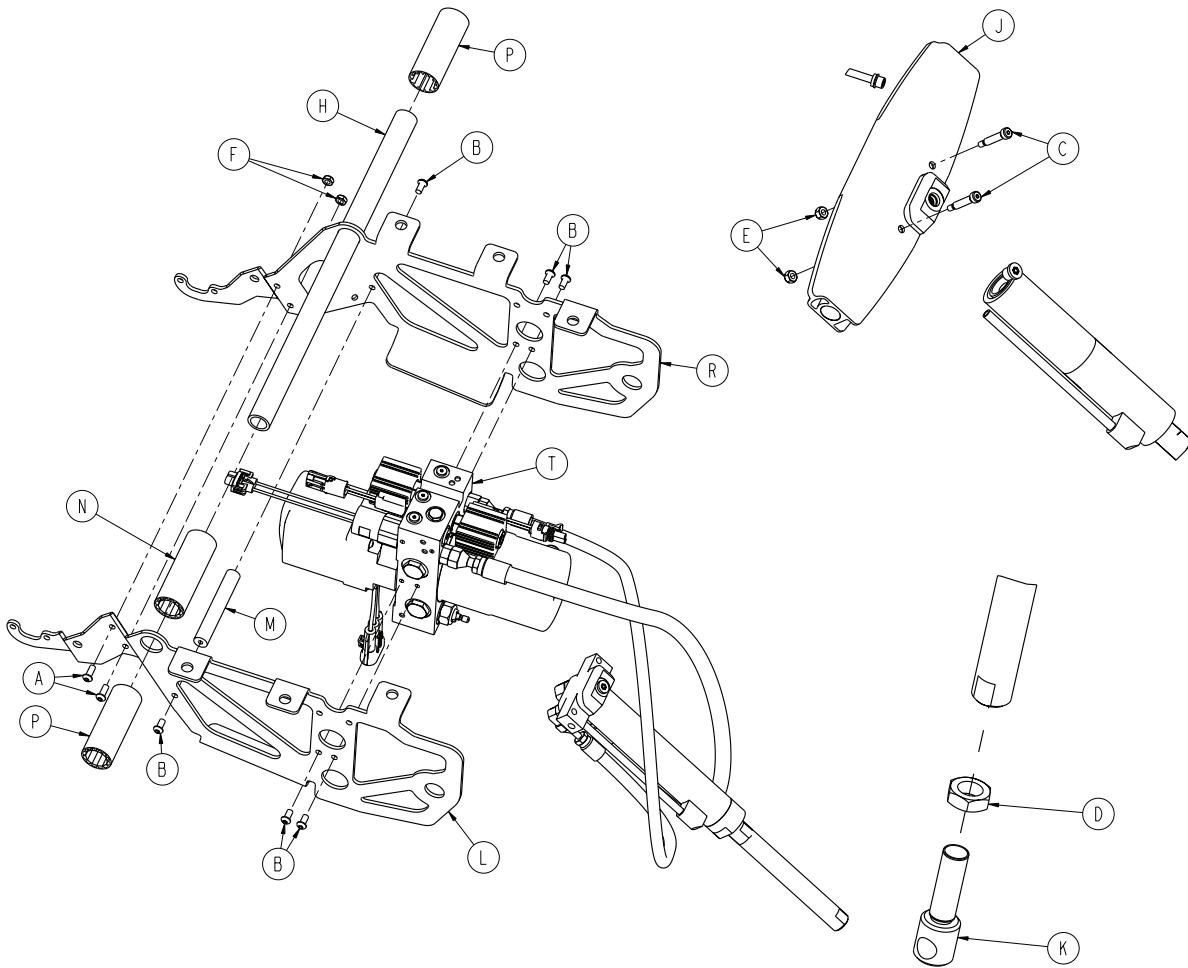
Rev A (Reference only)



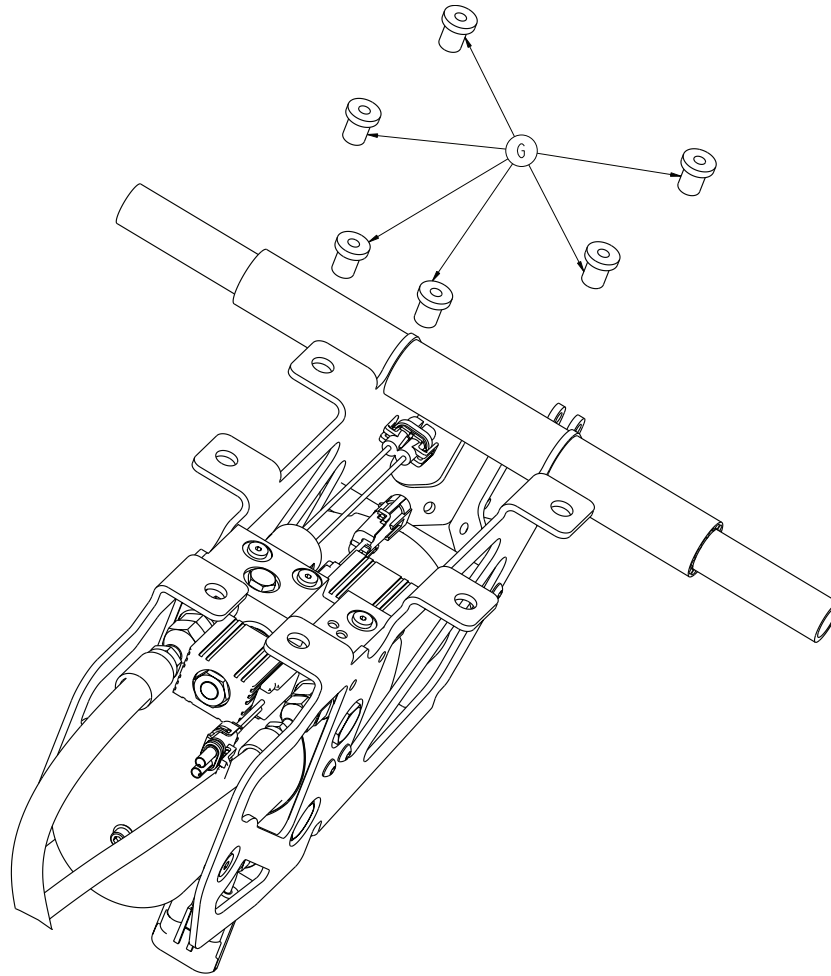
Item	Number	Name	Quantity
A	0004-589-000	Button head cap screw	2
B	0055-100-076	Riv nut	2
C	6550-001-166	Dead stop	2
D	6550-102-020	Oxygen bottle holder on page 117 (not shown)	1

Mounted hydraulics assembly

6550-101-031 Rev B (Reference only)



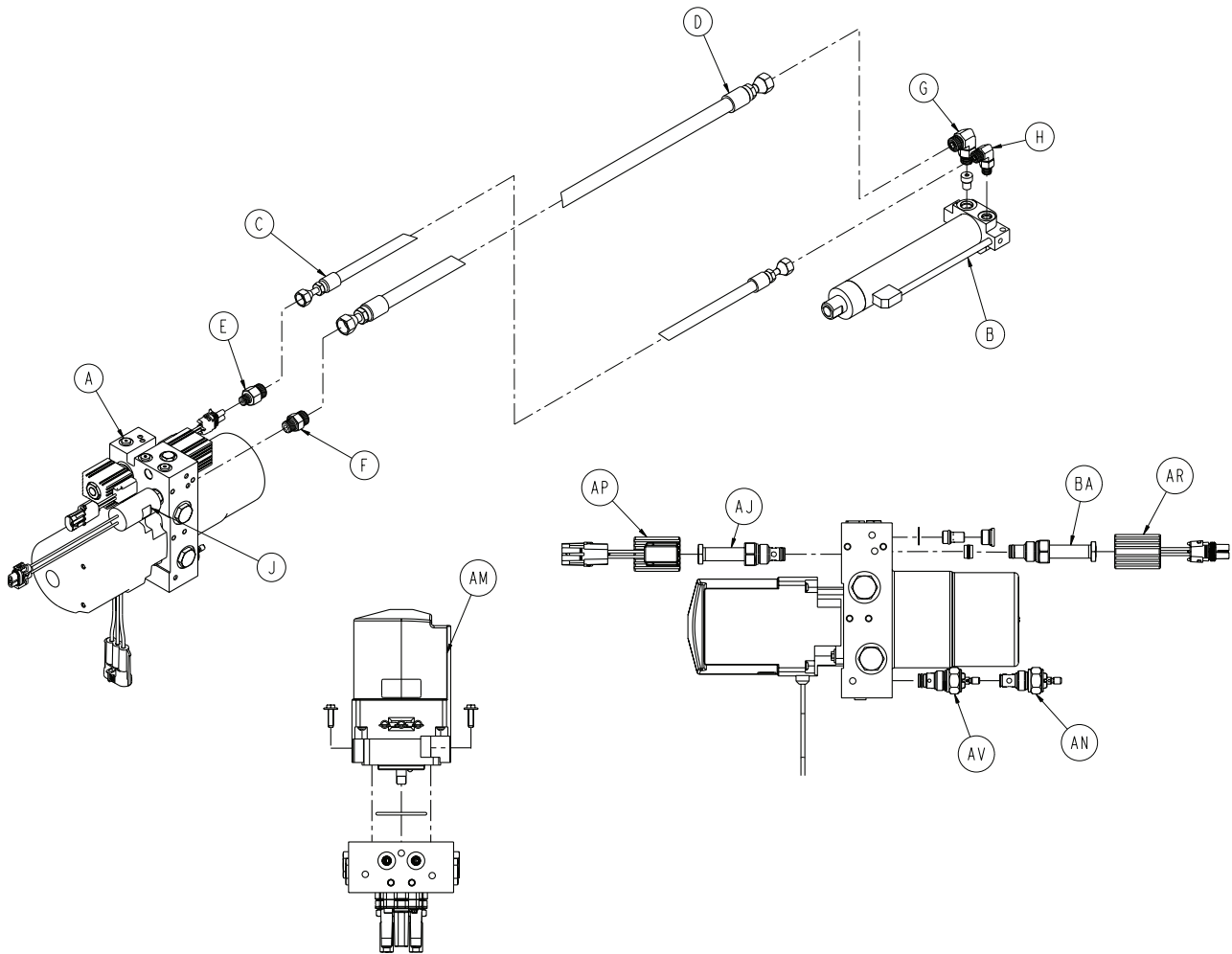
Mounted hydraulics assembly



Item	Number	Name	Quantity
A	0004-577-000	Button head cap screw	2
B	0004-589-000	Button head cap screw	6
C	0008-030-000	Socket head shoulder screw	2
D	0015-052-000	Hex jam nut	1
E	0016-002-000	Fiberlock hex nut	2
F	0016-102-000	Nylock hex nut	2
G	0055-100-074	Well nut	6
H	6500-001-105	Cross tube, litter support	1
J	6500-001-164	Pivot, cylinder mount, top	1
K	6500-001-169	Rod end, cylinder	1
L	6500-002-194	Motor mount	1
M	6500-001-212	Cross bar, motor mount	1
N	6500-001-249	Plastic extrusion, spacer	1
P	6500-001-250	Plastic extrusion, spacer	2
R	6500-002-294	Motor mount	1
T	6550-101-030	Hydraulics subassembly on page 80	1

Hydraulics subassembly

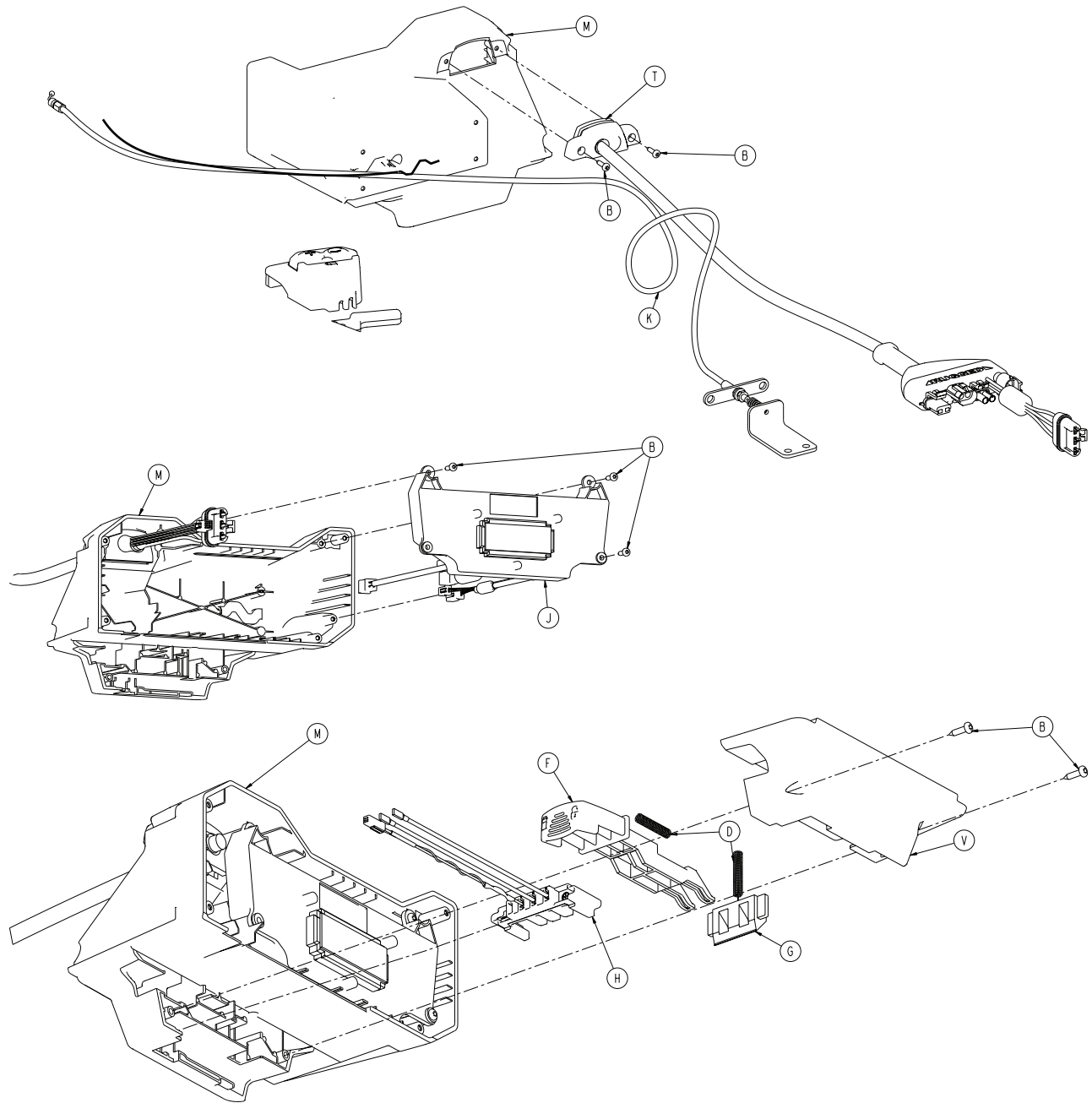
6550-101-030 Rev C (Reference only)



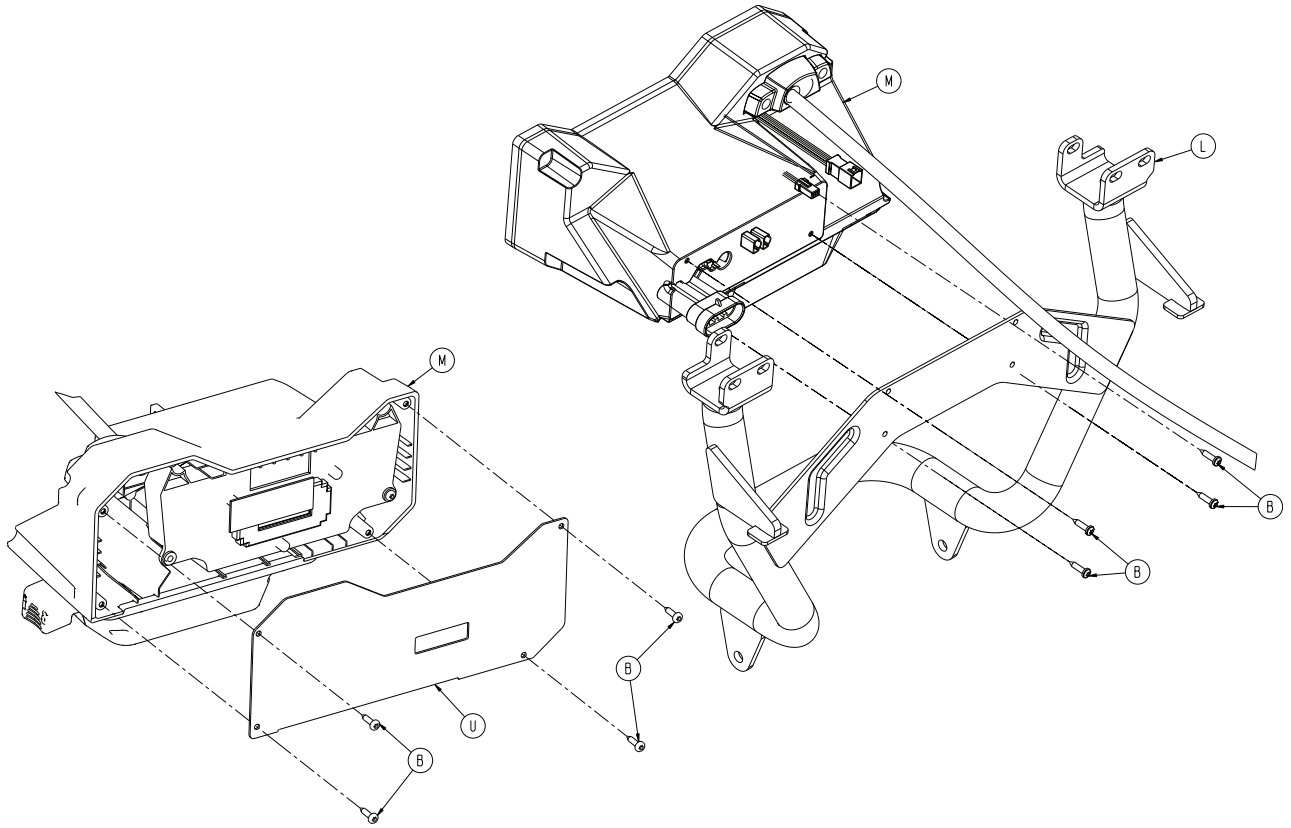
Item	Number	Name	Quantity
A	6500-101-214	Manifold assembly	1
B	6550-001-213	Cylinder	1
C	6500-001-211	Hydraulic hose, rod side	1
D	6500-001-210	Hydraulic hose, cap side	1
E	6500-001-282	Hose fitting, rod side, manifold	1
F	6500-001-283	Hose fitting, cap side, manifold	1
G	6500-001-296	Hose fitting, cap side, cylinder	1
H	6500-001-297	Hose fitting, rod side, cylinder	1
J	6500-001-290	Pressure switch	1
AJ	6500-001-286	A-valve	1
AM	6500-101-295	Motor	1
AN	6500-001-289	Manual valve, non-locking	1
AP	6500-001-284	Solenoid, A-valve	1
AR	6500-001-285	Solenoid, B-valve	1
AV	6500-001-288	Manual valve, locking	1
BA	6500-001-287	B-valve	1

Hitch assembly, foot end

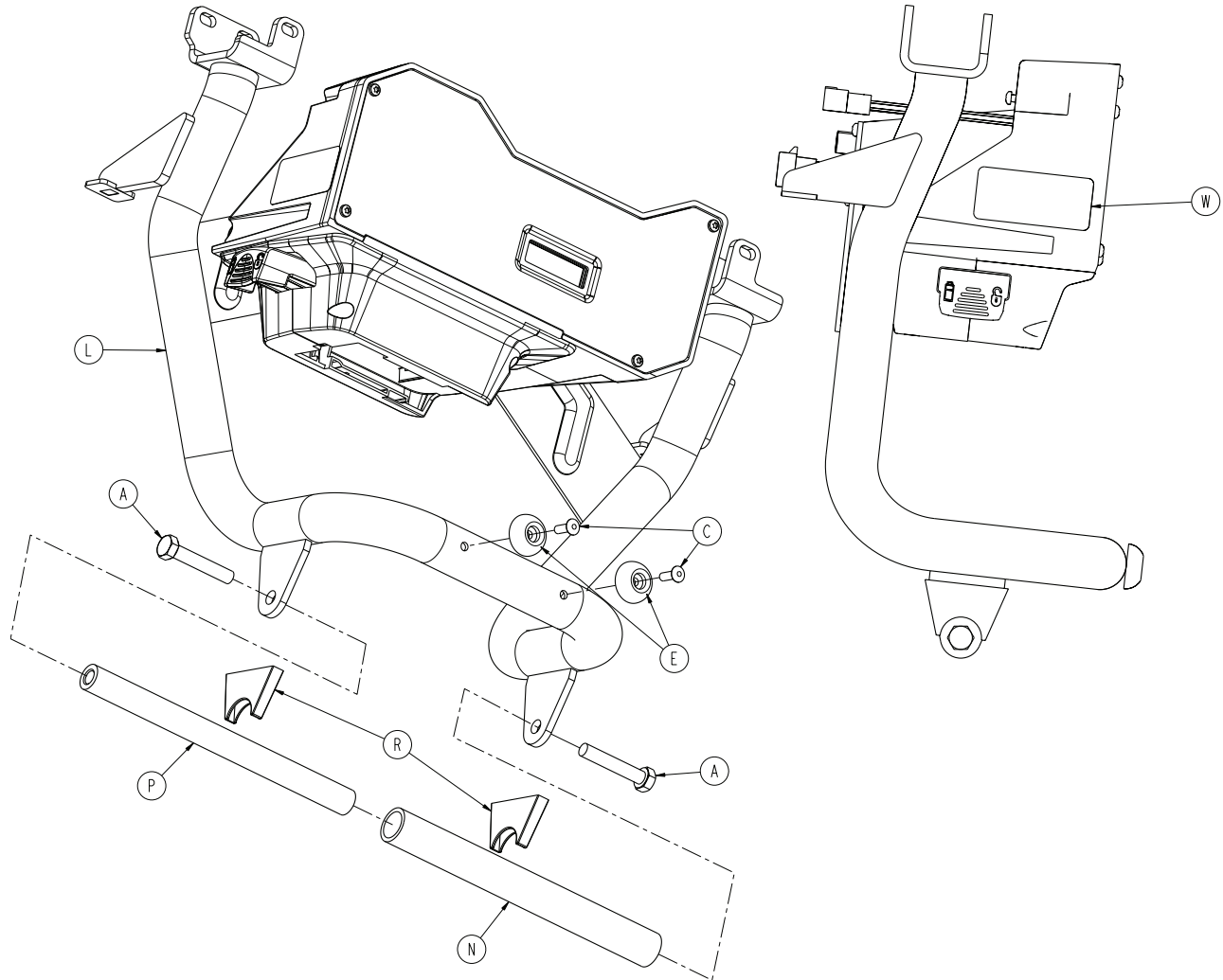
6550-001-022 Rev D (Reference only)



Hitch assembly, foot end



Hitch assembly, foot end



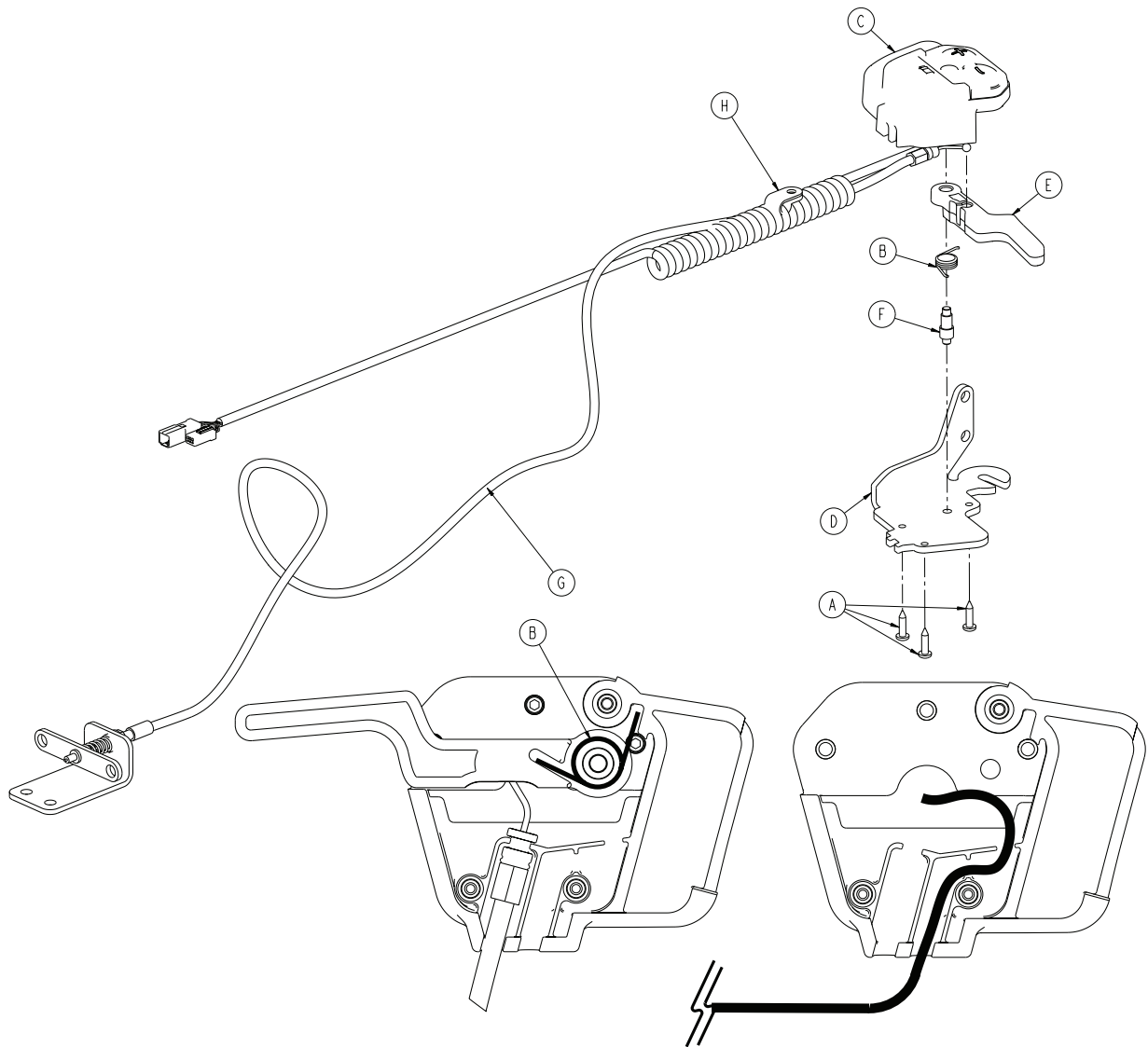
Item	Number	Name	Quantity
A	0003-391-000	Hex head cap screw	2
B	0023-162-000	Screw	15
C	0025-133-000	Rivet	2
D	0038-572-000	Compression spring	2
E	0946-001-155	Bumper	2
F	6500-001-138	Battery release button	1
G	6500-001-139	Battery release lock	1
H	6500-002-216	Cot connector cable assembly	1
J	6550-101-014	Electronics assembly	1
K	6550-001-029	Switch assembly on page 85	1
L	6550-001-060	Hitch tube weldment, foot end	1
M	6550-001-092	Board enclosure	1
N	6550-001-141	Hitch bar sleeve, foot end	1
P	6550-001-146	Hitch bar, foot end	1
R	6550-001-167	Hitch wear guard, foot end	2
T	6550-001-172	Cable assembly	1
U	6550-101-173	Housing cover, foot end	1

Hitch assembly, foot end

Item	Number	Name	Quantity
V	6550-001-178	Bottom plate enclosure, foot end	1
W	6500-001-356	Label, SMRT power	1

Switch assembly

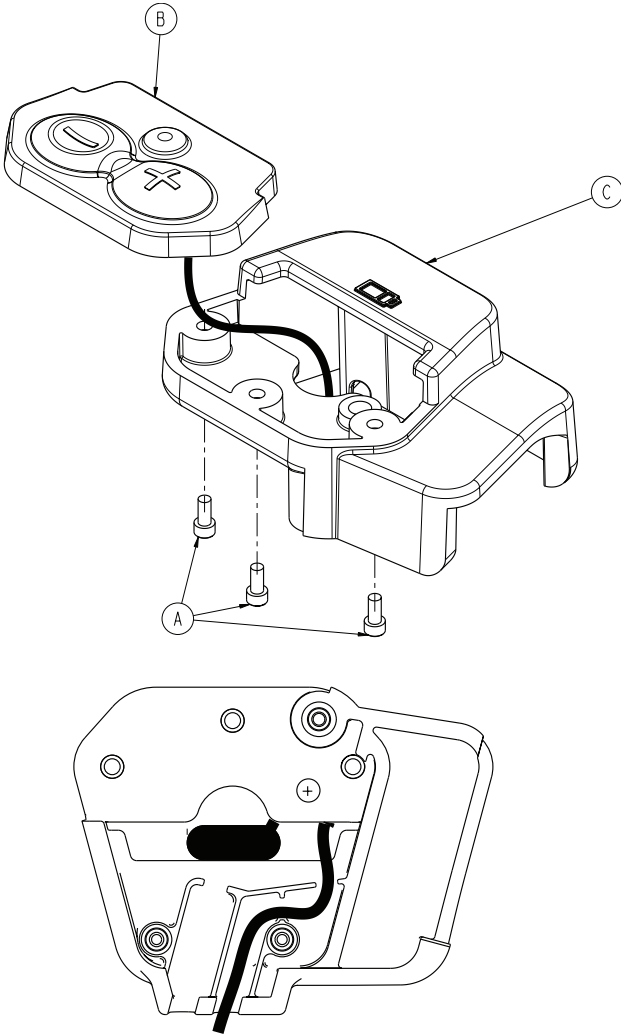
6550-001-029 Rev F (Reference only)



Item	Number	Name	Quantity
A	0023-162-000	Delta screw	3
B	6500-001-147	Spring, torsion, manual release	1
C	6550-101-036	Switch housing assembly on page 86	1
D	6550-001-153	Switch housing bracket	1
E	6550-001-155	Manual release handle	1
F	6550-001-168	Pivot, manual release	1
G	6550-001-177	Manual release cable assembly	1
H	0052-116-000	Cable clamp	1

Switch housing assembly

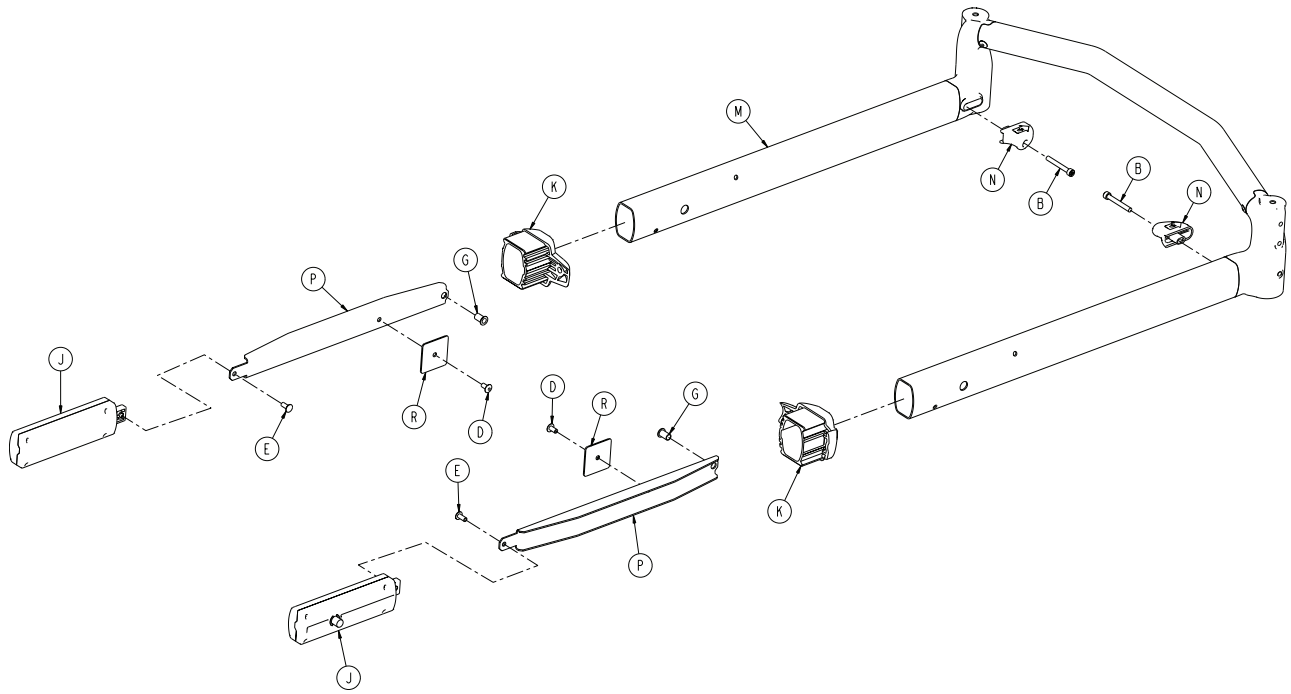
6550-101-036 Rev C (Reference only)



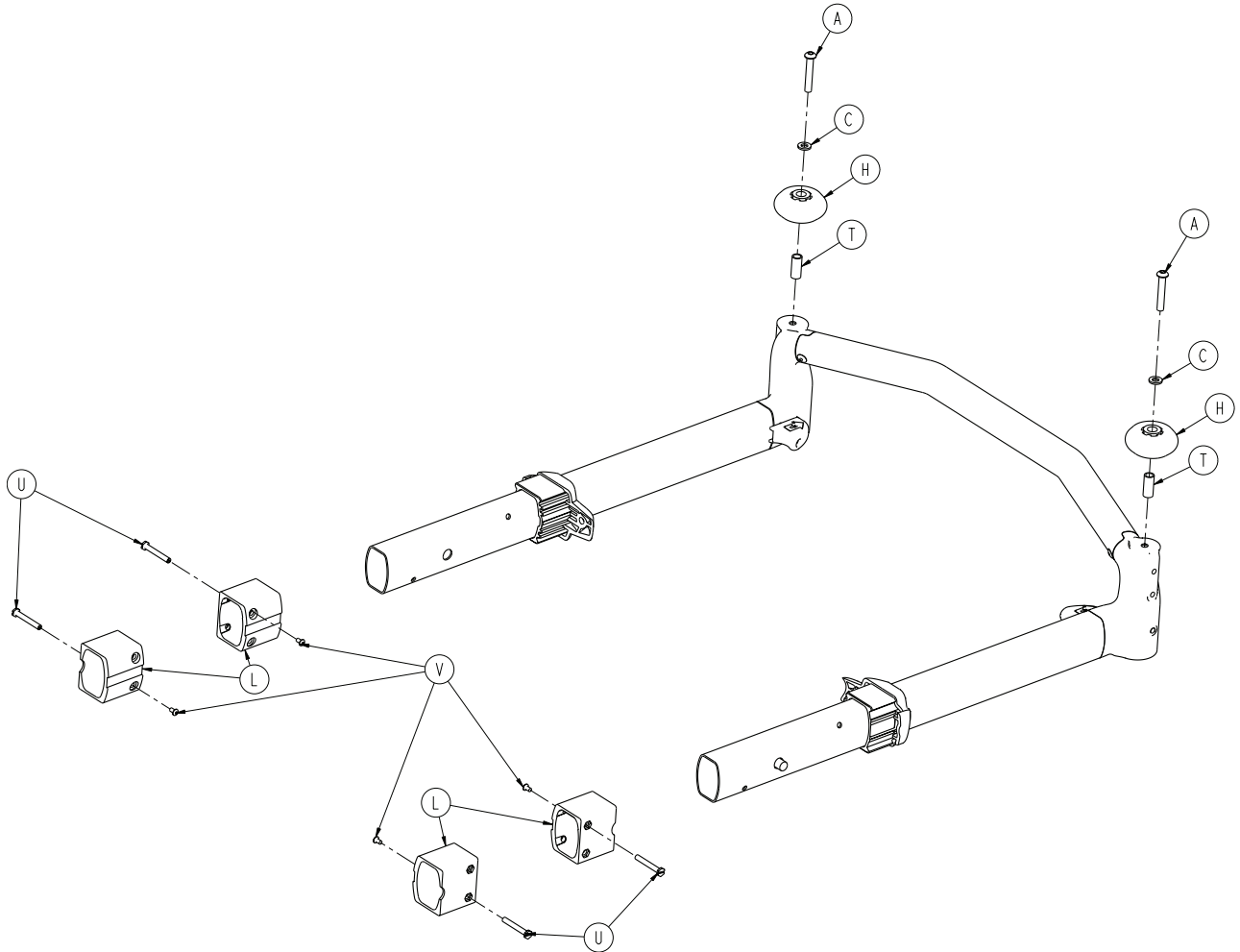
Item	Number	Name	Quantity
B	6550-101-152	Switch with LED	1
C	6550-001-154	Switch housing	1

Telescoping foot end - 6550-001-015

Rev B (Reference only)



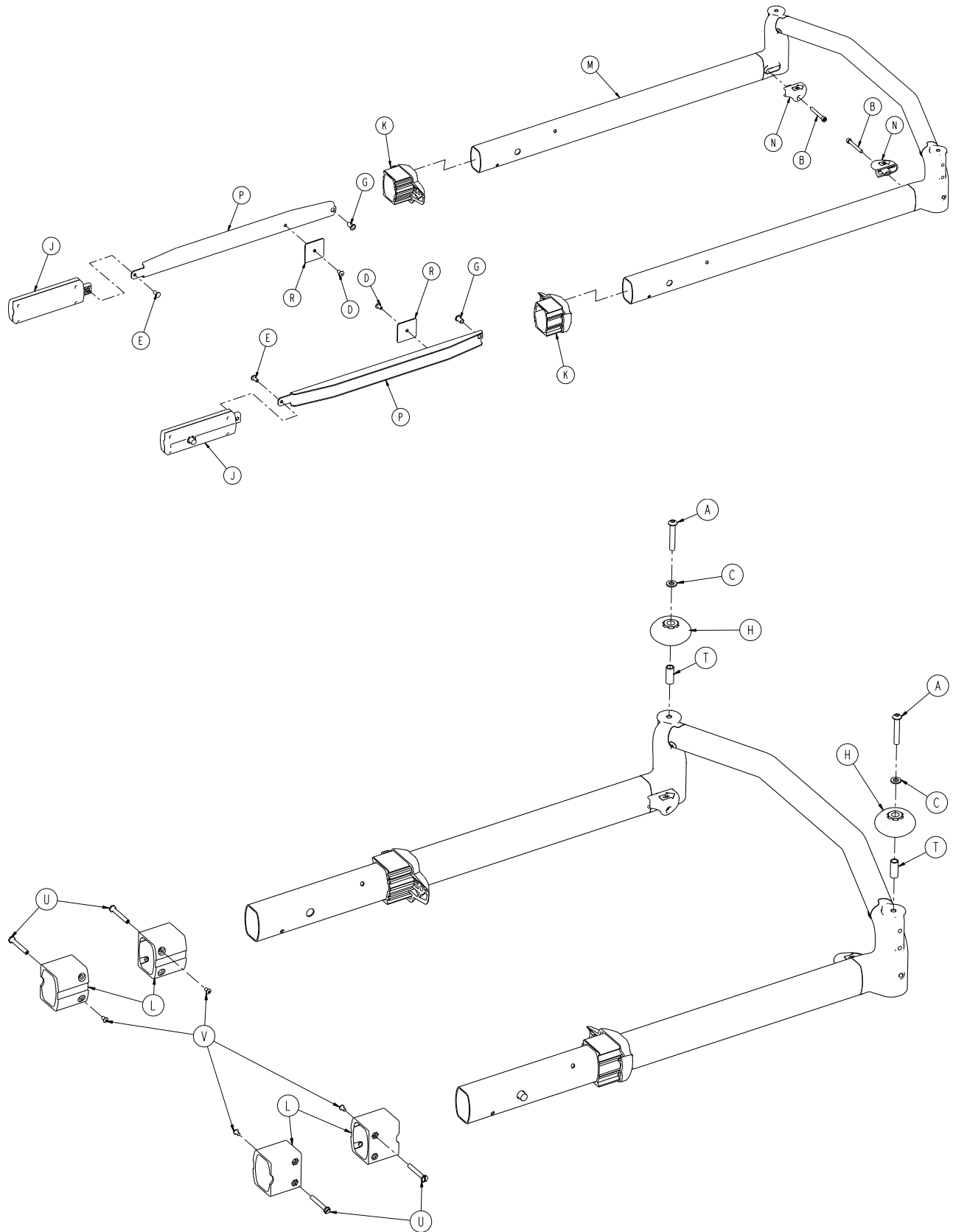
Telescoping foot end - 6550-001-015



Item	Number	Name	Quantity
A	0004-848-000	Button head cap screw	2
B	0004-849-000	Socket head cap screw	2
C	0011-065-000	Washer	2
D	0025-079-000	Rivet	2
E	0025-126-000	Rivet	2
G	0055-100-075	Riv nut	2
H	0721-032-049	Bumper roller	2
J	6500-001-026	Head section lock assembly	2
K	6500-001-087	Cap bearing	2
L	6085-001-170	Internal bearing	4
M	6550-001-025	Bonded frame, foot end	1
N	6550-001-156	Section release trigger	2
P	6550-001-162	Link release, foot end	2
R	6550-001-163	Link guide	2
T	6550-001-169	Bumper pivot	2
U	6085-001-169	Headsection nut	4
V	0004-168-000	Button head cap screw	4

Telescoping head section - 6550-001-020

Rev B (Reference only)

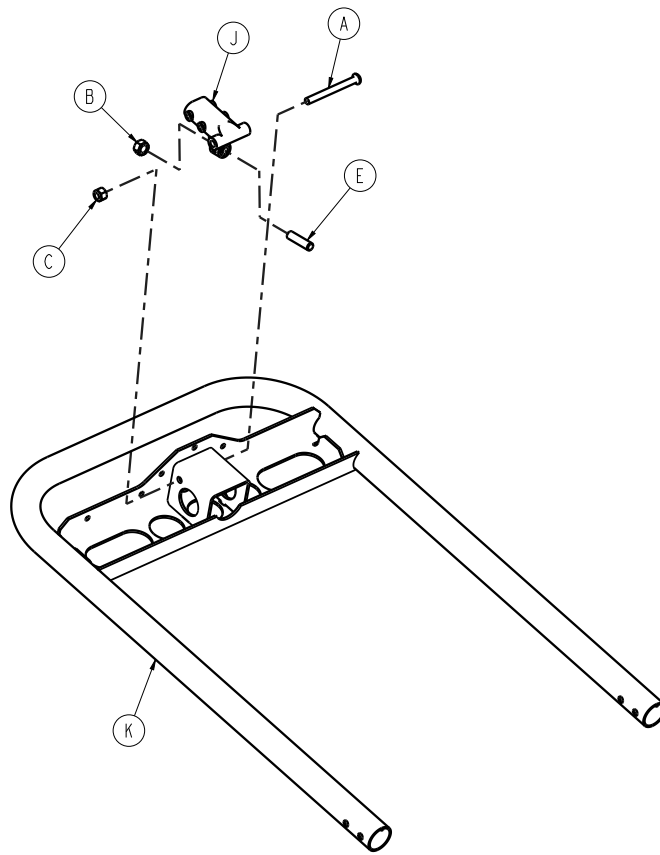


Telescoping head section - 6550-001-020

Item	Number	Name	Quantity
A	0004-848-000	Button head cap screw	2
B	0004-849-000	Socket head cap screw	2
C	0011-065-000	Washer	2
D	0025-079-000	Rivet	2
E	0025-126-000	Rivet	2
G	0055-100-075	Riv nut	2
H	0721-032-049	Bumper roller	2
J	6500-001-026	Head section lock assembly	2
K	6500-001-087	Cap bearing	2
L	6085-001-170	Internal bearing	4
M	6550-001-024	Bonded frame, head end	1
N	6550-001-156	Section release trigger	2
P	6550-001-161	Link release, head end	2
R	6550-001-163	Link guide	2
T	6550-001-169	Bumper pivot	2
U	6085-001-169	Headsection nut	4
V	0004-168-000	Button head cap screw	4

Fowler assembly

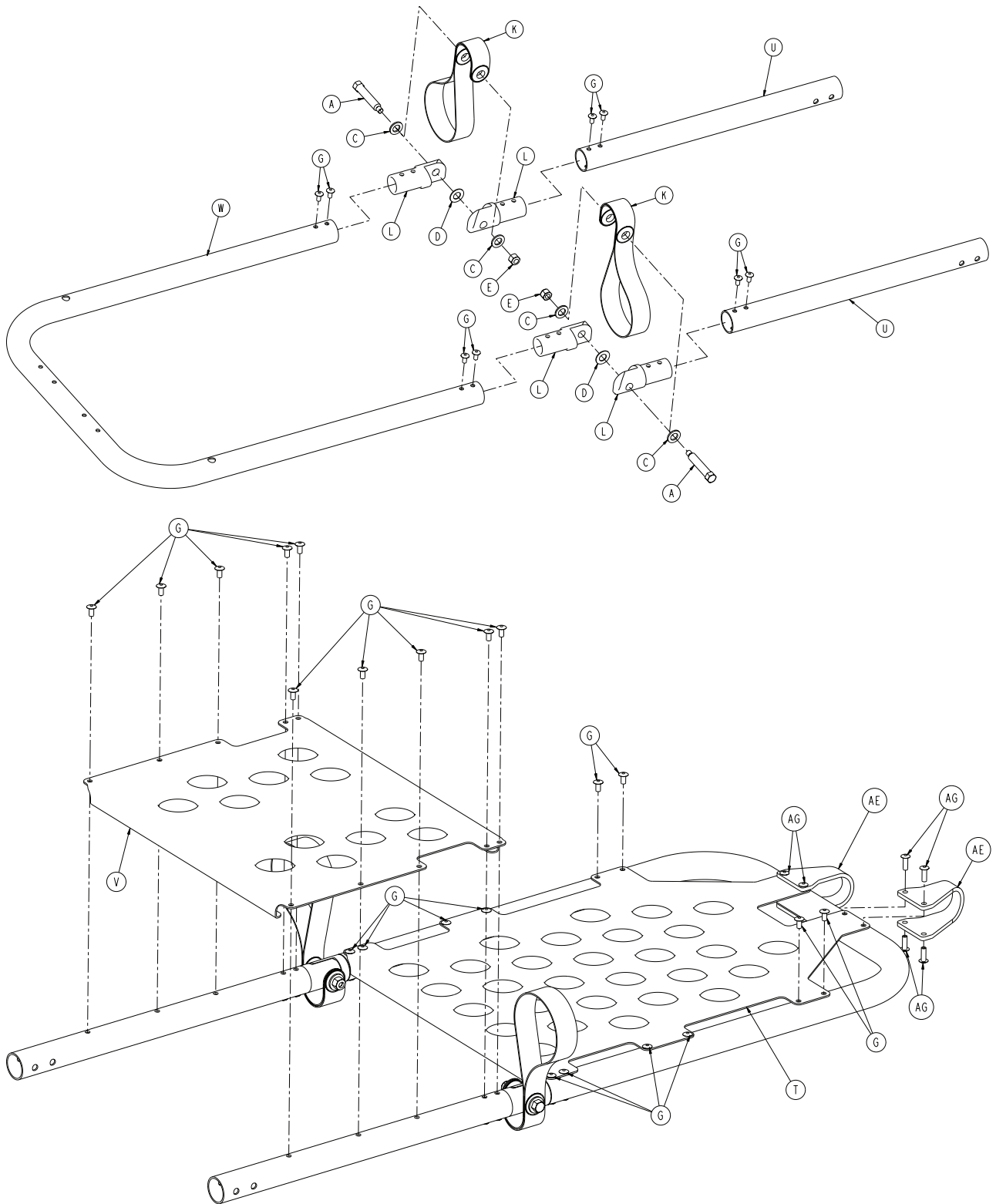
6550-001-018 Rev C (Reference only)



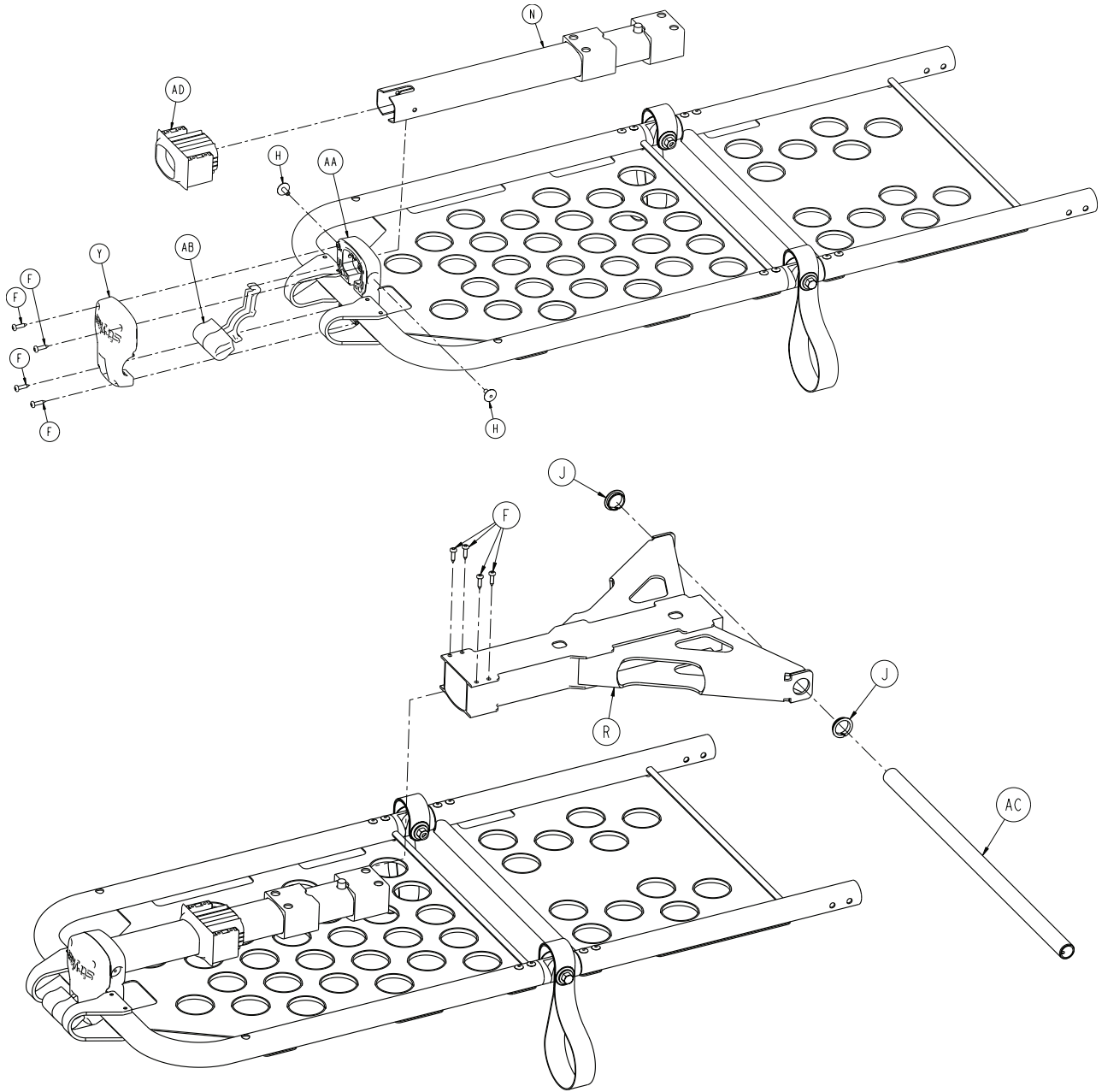
Item	Number	Name	Quantity
A	0004-597-000	Button head cap screw	1
B	0015-050-000	Hex nut	1
C	0016-028-000	Fiberlock hex nut	1
E	0021-138-000	Set screw	1
J	6060-032-040	Fowler lift pivot	1
K	6550-001-051	Fowler weldment	1

Gatch assembly

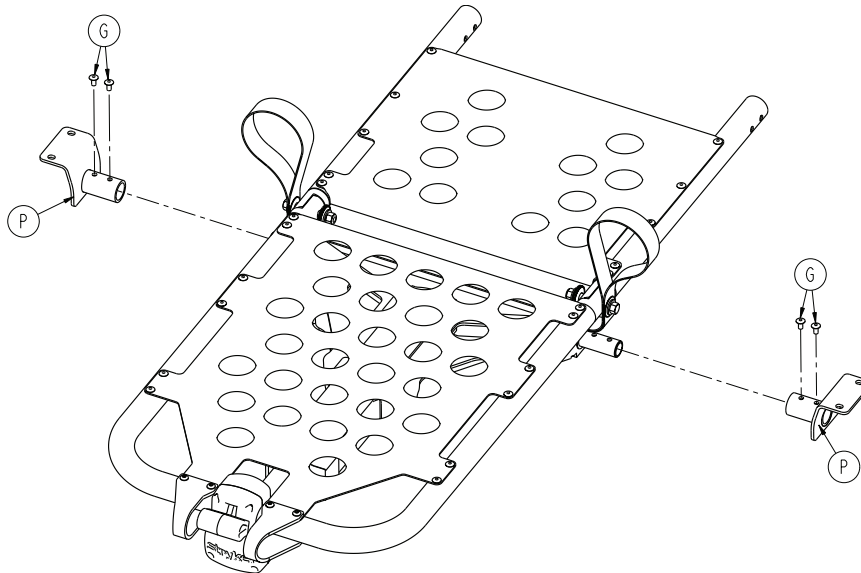
6550-001-019 Rev F (Reference only)



Gatch assembly



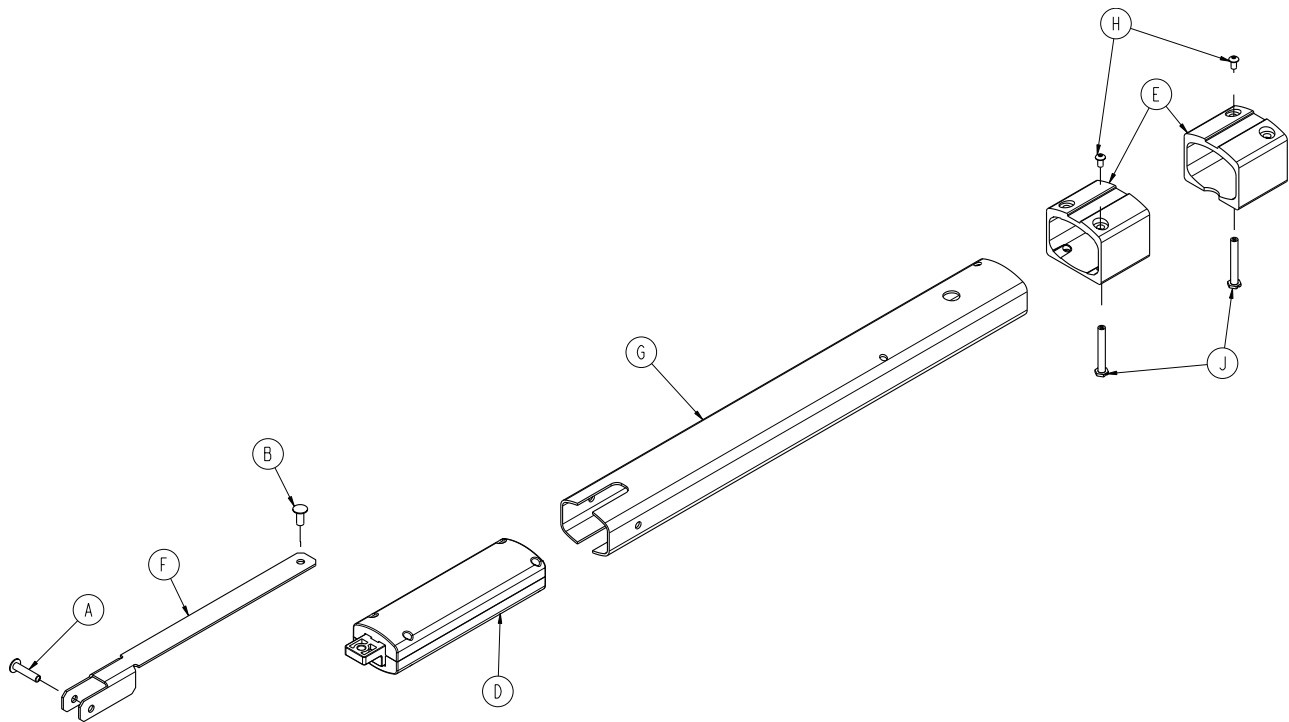
Gatch assembly



Item	Number	Name	Quantity
A	6550-001-186	Gatch pivot pin	2
C	0011-448-000	Plain washer	4
D	0014-020-000	Washer	2
E	0016-028-000	Fiberlock hex nut	2
F	0023-162-000	Screw	8
G	0025-079-000	Rivet	34
H	0025-132-000	Rivet	2
J	0081-255-000	Split bearing	2
K	6100-031-096	Trend lift strap	2
L	6100-031-108	Litter knee pivot	4
N	6550-001-017	Gatch telescoping assembly - 6550-001-017 on page 95	1
P	6550-001-053	Gatch pivot weldment	
R	6550-001-057	Gatch lock tube weldment	1
T	6550-001-110	Foot section skin	1
U	6550-001-111	Thigh section tube	2
V	6550-001-112	Thigh section skin	1
W	6550-001-116	Telescoping foot section u-tube	1
Y	6550-001-124	Front gatch release	1
AA	6550-001-125	Back gatch release	1
AB	6550-001-126	Lever front gatch release	1
AC	6550-001-129	Gatch pivot cross tube	1
AD	6550-001-131	Gatch bearing end cap	1
AE	6550-001-193	Gatch handle guard	2
AG	0025-133-000	Rivet	8

Gatch telescoping assembly - 6550-001-017

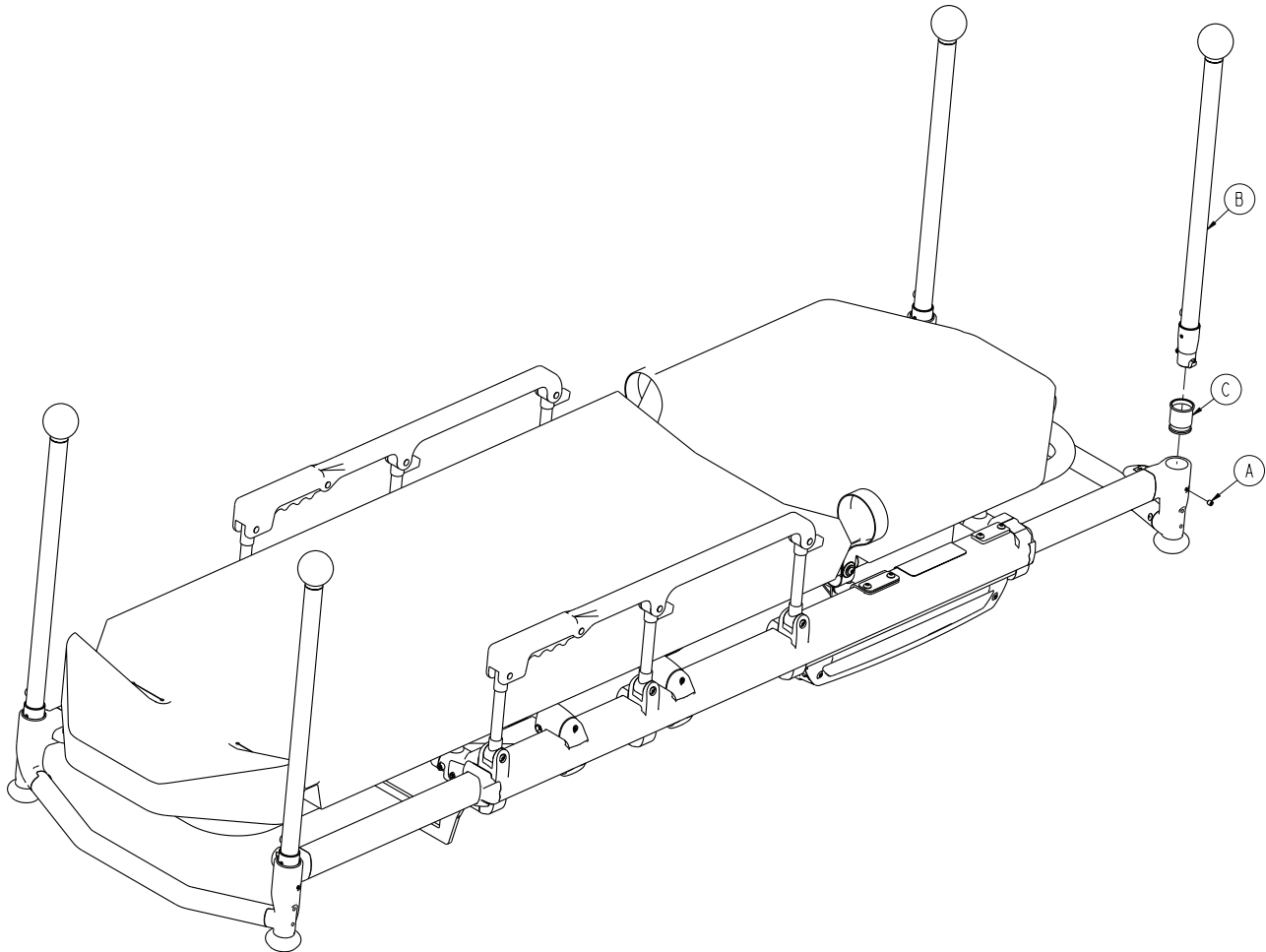
Rev B (Reference only)



Item	Number	Name	Quantity
A	0025-125-000	Semi-tubular rivet	1
B	0025-126-000	Semi-tubular rivet	1
D	6500-001-026	Head section lock assembly	1
E	6085-001-170	Internal bearing	2
F	6550-001-115	Gatch link	1
G	6550-001-119	Gatch inner tube	1
H	0004-168-000	Button head cap screw	2
J	6085-001-169	Headsection nut	2

Optional push bar - 6550-040-000

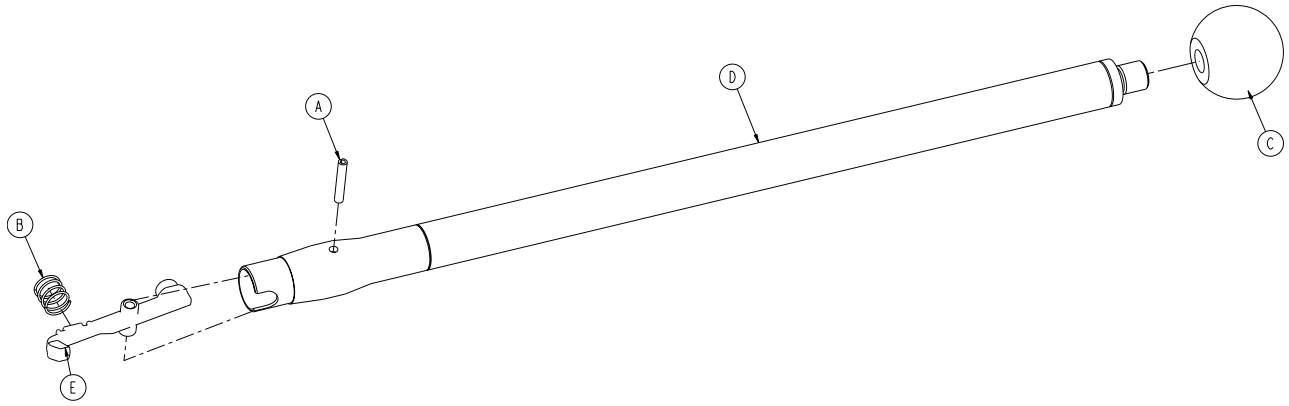
Rev A (Reference only)



Item	Number	Name	Quantity
A	0021-179-000	Set screw	4
B	6550-001-026	Optional corner handle assembly on page 97	4
C	6550-001-108	Push bar sleeve	4
D	6550-001-199	Push bar storage pouch	1

Optional corner handle assembly

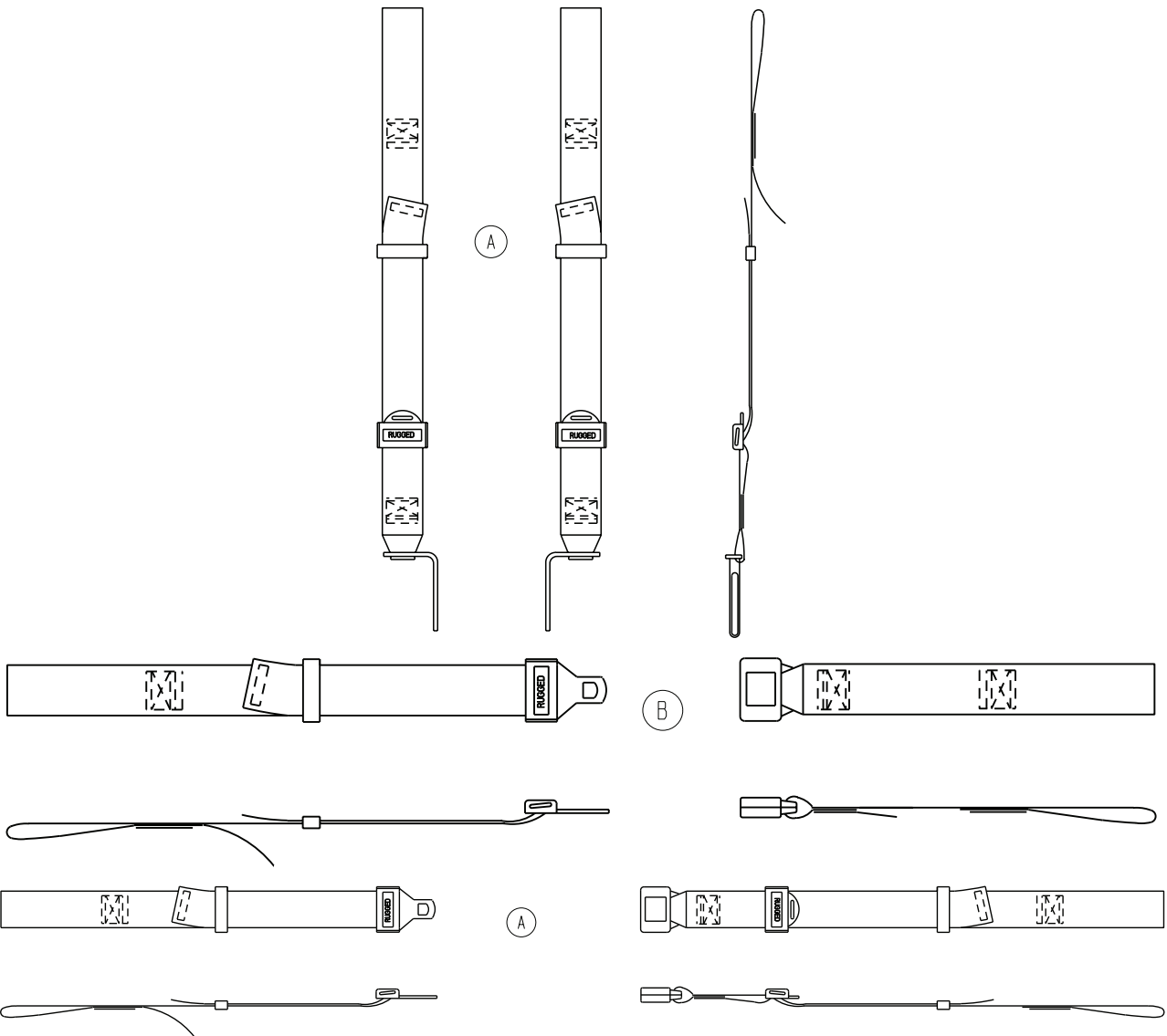
6550-001-026 Rev B (Reference only)



Item	Number	Name	Quantity
A	0026-387-000	Slotted spring pin	1
B	0038-589-000	Compression spring	1
C	6510-001-119	Handle ball	1
D	6550-001-067	Handle weldment	1
E	6550-001-100	Push bar lock button	1

EMS restraint package - 6060-160-010

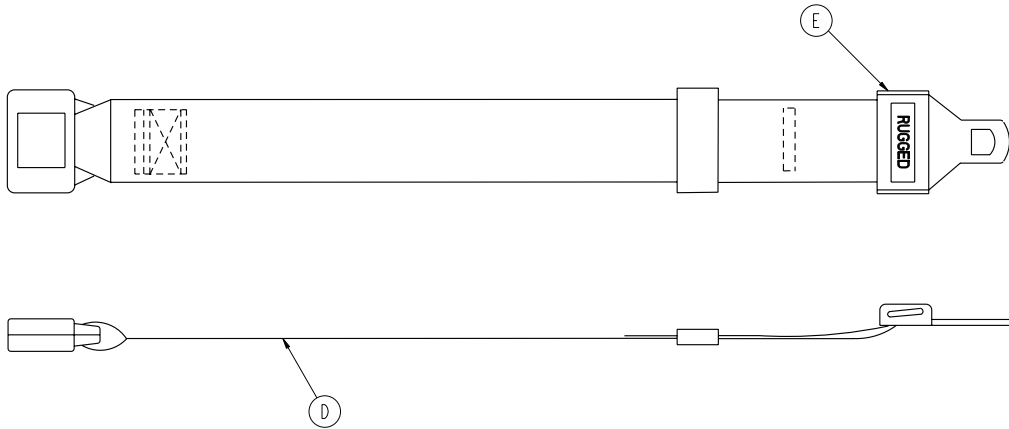
Rev C (Reference only)



Item	Number	Name	Quantity
A	6060-160-045	Four point harness	1
B	6060-160-044	Lap belt	1

Restraint extender, 3' - 6082-160-050

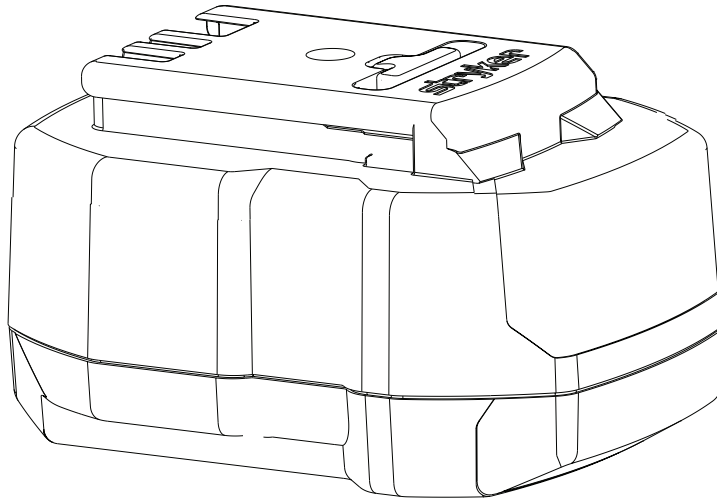
Rev B (Reference only)



Item	Number	Name	Quantity
D	6082-090-001	Label, Stryker part number	1
E	6060-090-011	Label	1

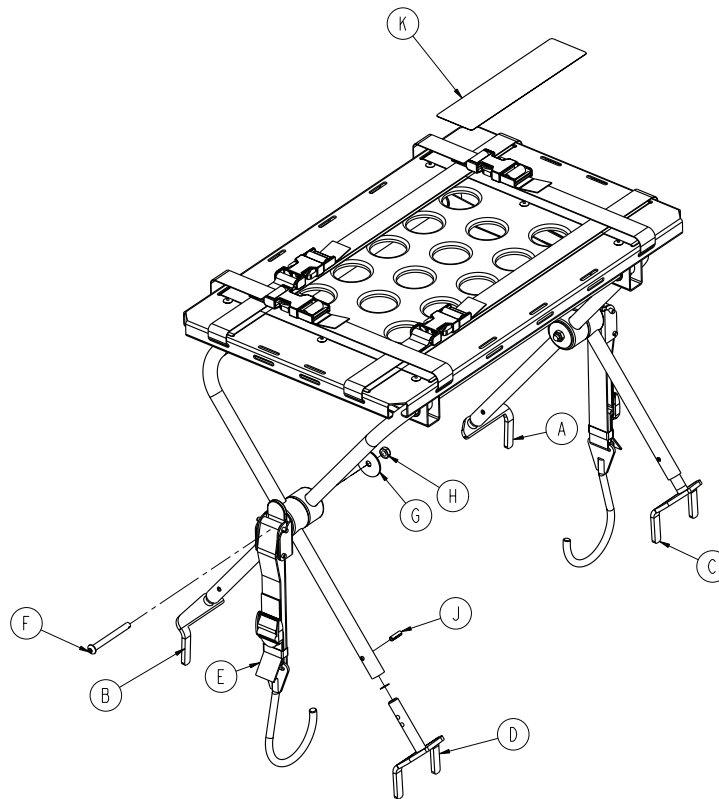
Battery pack, SMRT - 6500-033-000

Rev A/6500-101-010 Rev H (Reference only)



Defibrillator platform - 6550-170-000

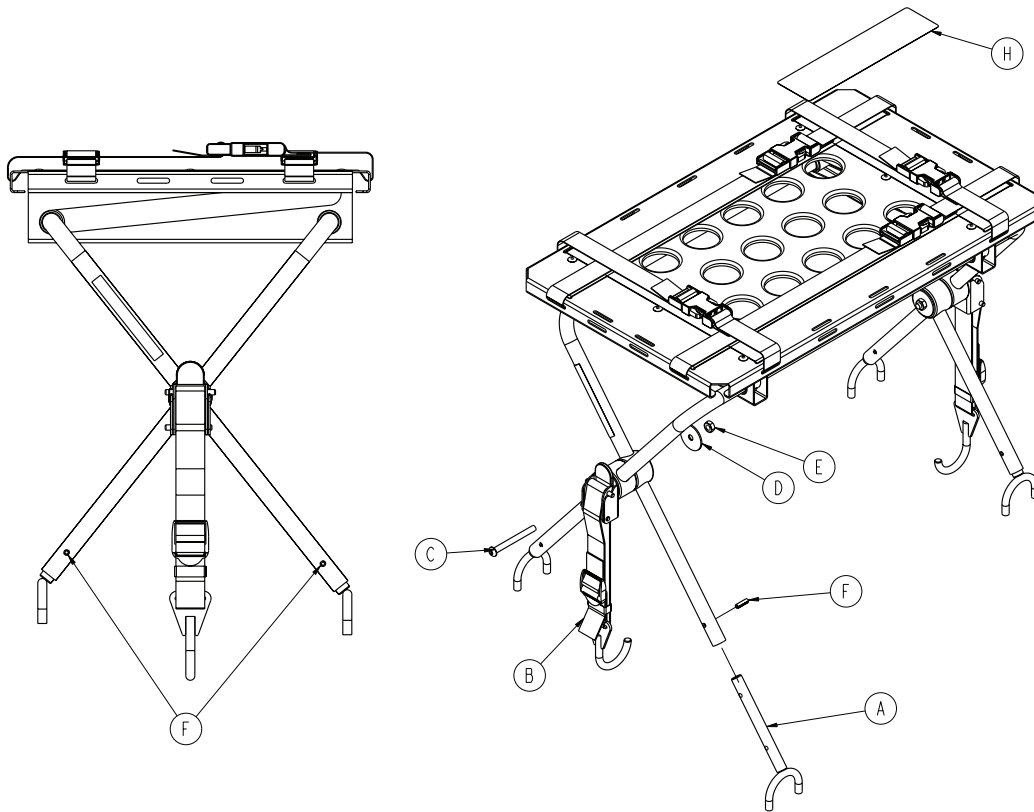
Rev A / 6550-170-010 Rev A (Reference only)



Item	Number	Name	Quantity
A	6100-170-050	Head end bracket weldment, left	1
B	6100-170-051	Head end bracket weldment, right	1
C	6100-170-052	Foot end bracket weldment, left	1
D	6100-170-053	Foot end bracket weldment, right	1
E	6100-170-020	Defib latch strap assembly	2
F	0004-234-000	Button head cap screw	2
G	0011-355-000	Washer	2
H	0016-102-000	Nylock nut	2
J	0026-172-000	Slotted spring pin	4
K	6100-190-023	Label	1
L	6082-170-020	Defibrillator platform common components on page 103	1

Optional defibrillator platform assembly - 6082-170-000

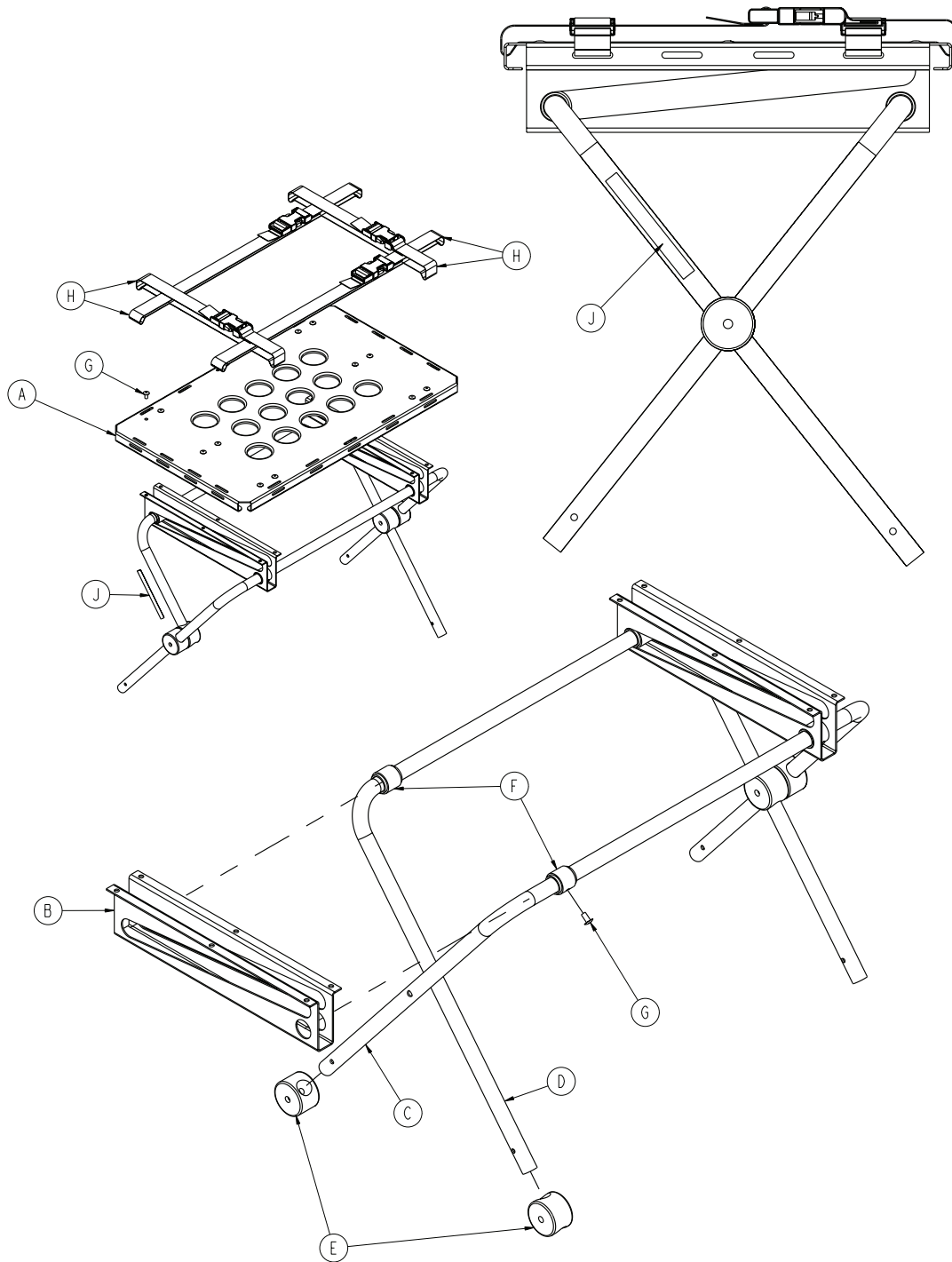
Rev F/6082-170-010 Rev E (Reference only)



Item	Number	Name	Quantity
A	6082-170-050	Defibrillator U-foot weldment	4
B	6080-170-020	Defibrillator latch strap assembly	2
C	0004-234-000	Button head cap screw	2
D	0011-355-000	Washer	2
E	0016-102-000	Nylock nut	2
F	0026-172-000	Slotted spring pin	4
H	6082-090-022	Label, specification and warning	1
J	6082-170-020	Defibrillator platform common components	1

Defibrillator platform common components

6082-170-020 Rev B (Reference only)



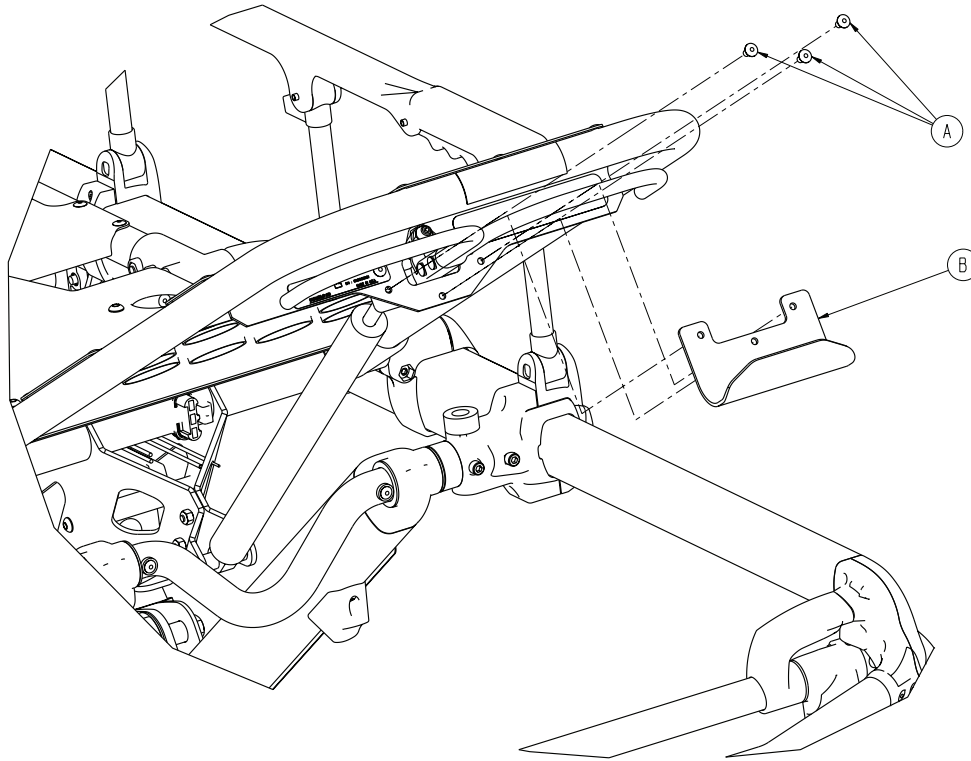
Item	Number	Name	Quantity
A	6080-170-011	Top panel	1
B	6080-170-012	Leg support	2
C	6080-170-013	Stationary defibrillator leg	1
D	6080-170-014	Sliding defibrillator leg	1
E	6080-170-015	Support pivot leg	4

Defibrillator platform common components

Item	Number	Name	Quantity
F	6080-170-016	Leg collar	4
G	0025-079-000	Dome head rivet	16
H	6060-170-022	Defibrillator platform strap, long	4
J	6080-090-023	Label	2

Equipment hook - 6500-147-000

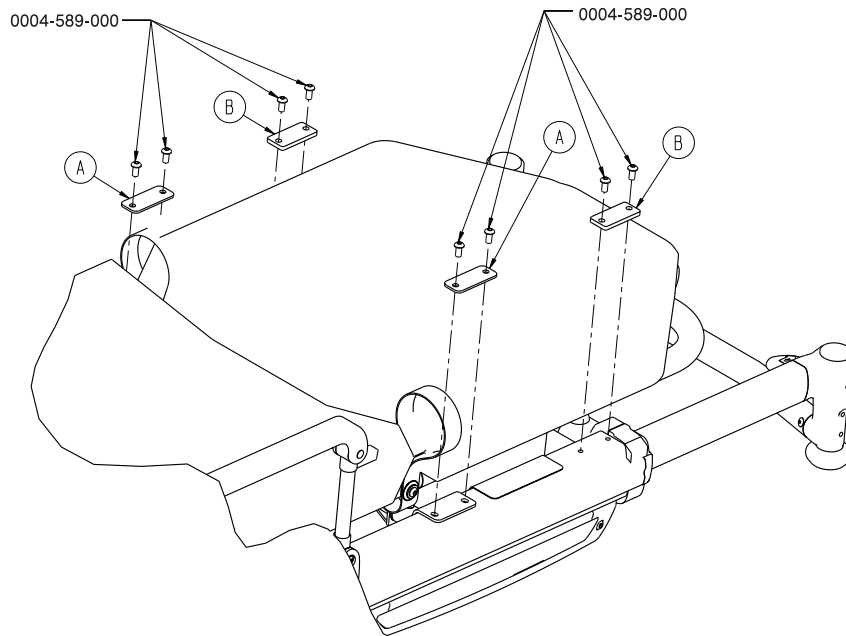
Rev B (Reference only)



Item	Number	Name	Quantity
A	0025-079-000	Dome head rivet	3
B	6500-001-237	Equipment hook	1

No IV pole assembly option

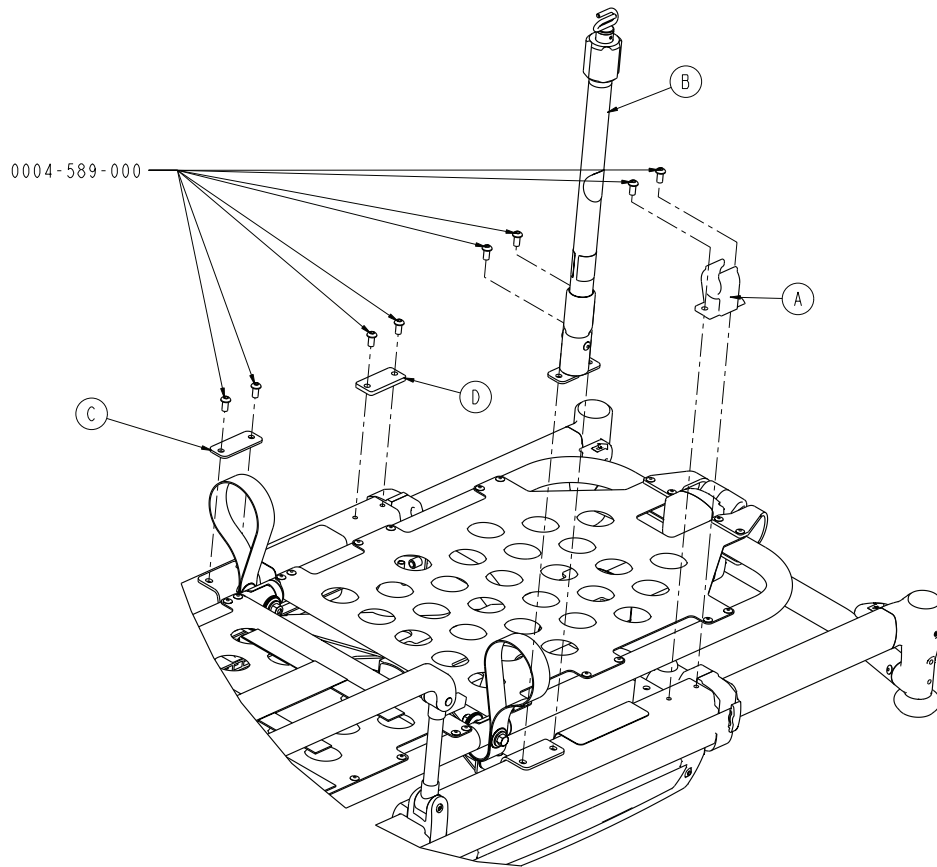
6550-218-000 Rev A (Reference only)



Item	Number	Name	Quantity
A	6550-001-117	IV pole spacer plate	2
B	6550-001-118	IV clip spacer plate	2

Two-stage IV pole, right - 6550-310-000

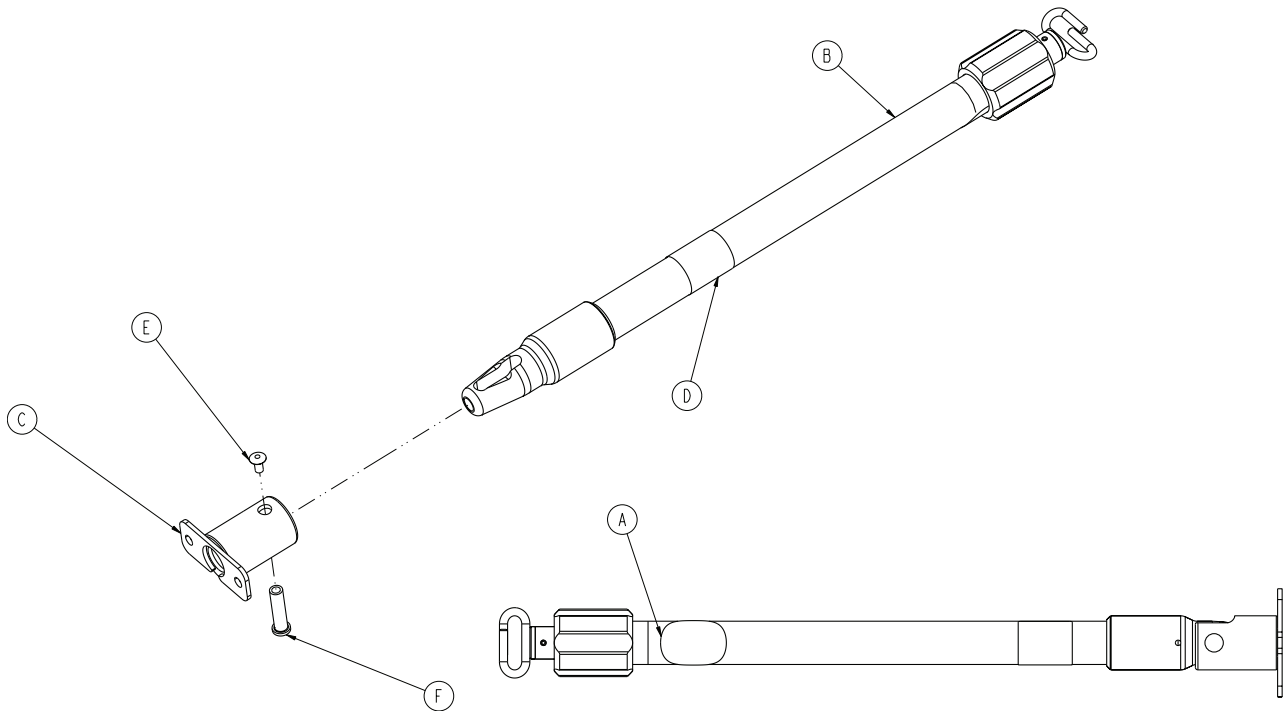
Rev A (Reference only)



Item	Number	Name	Quantity
A	6100-115-060	IV pole clip	1
B	6500-101-041	IV pole assembly, two-stage, right - 6500-101-041 on page 108	1
C	6550-001-117	IV pole spacer plate	1
D	6550-001-118	IV clip spacer plate	1

IV pole assembly, two-stage, right - 6500-101-041

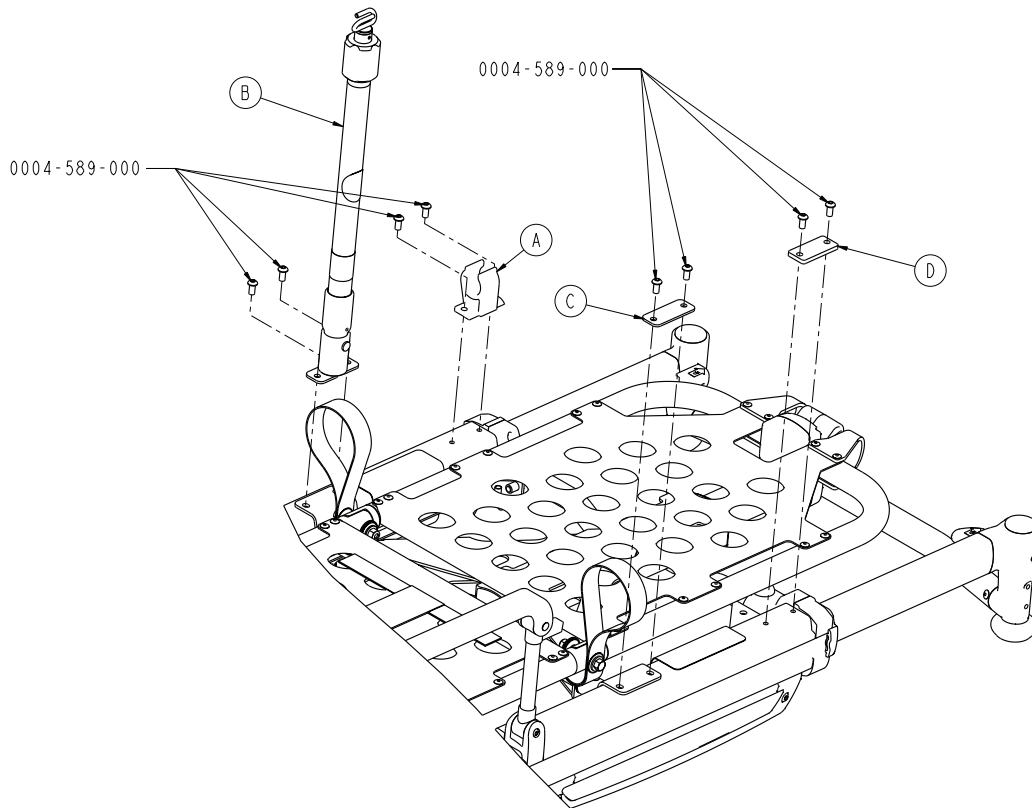
Rev A (Reference only)



Item	Number	Name	Quantity
A	6506-001-901	Label, no pushing	1
B	6070-210-070	Pole assembly	1
C	6100-115-051	Socket weldment	1
D	6500-101-253	Label	1
E	0025-079-000	Dome head rivet	1
F	6070-110-037	IV pivot pin	1

Two-stage IV pole, left - 6550-311-000

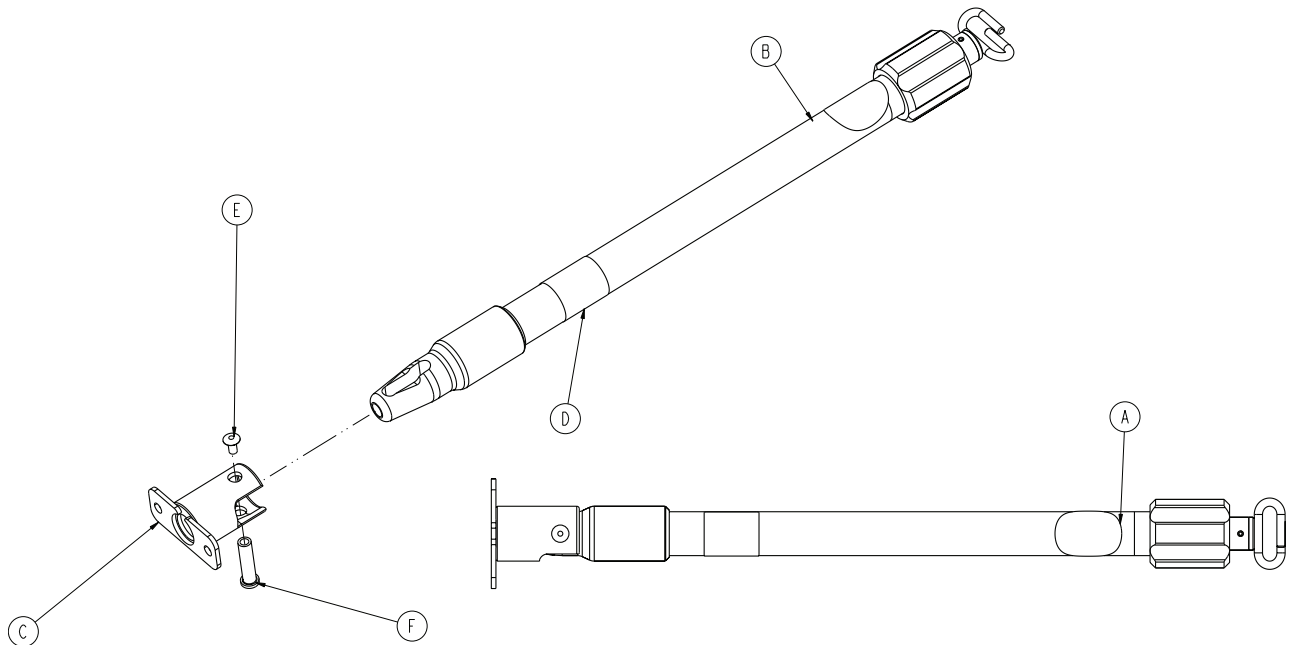
Rev A (Reference only)



Item	Number	Name	Quantity
A	6100-115-060	IV pole clip	1
B	6500-101-042	IV pole assembly, two-stage, left - 6500-101-042 on page 110	1
C	6550-001-117	IV pole spacer plate	1
D	6550-001-118	IV clip spacer plate	1

IV pole assembly, two-stage, left - 6500-101-042

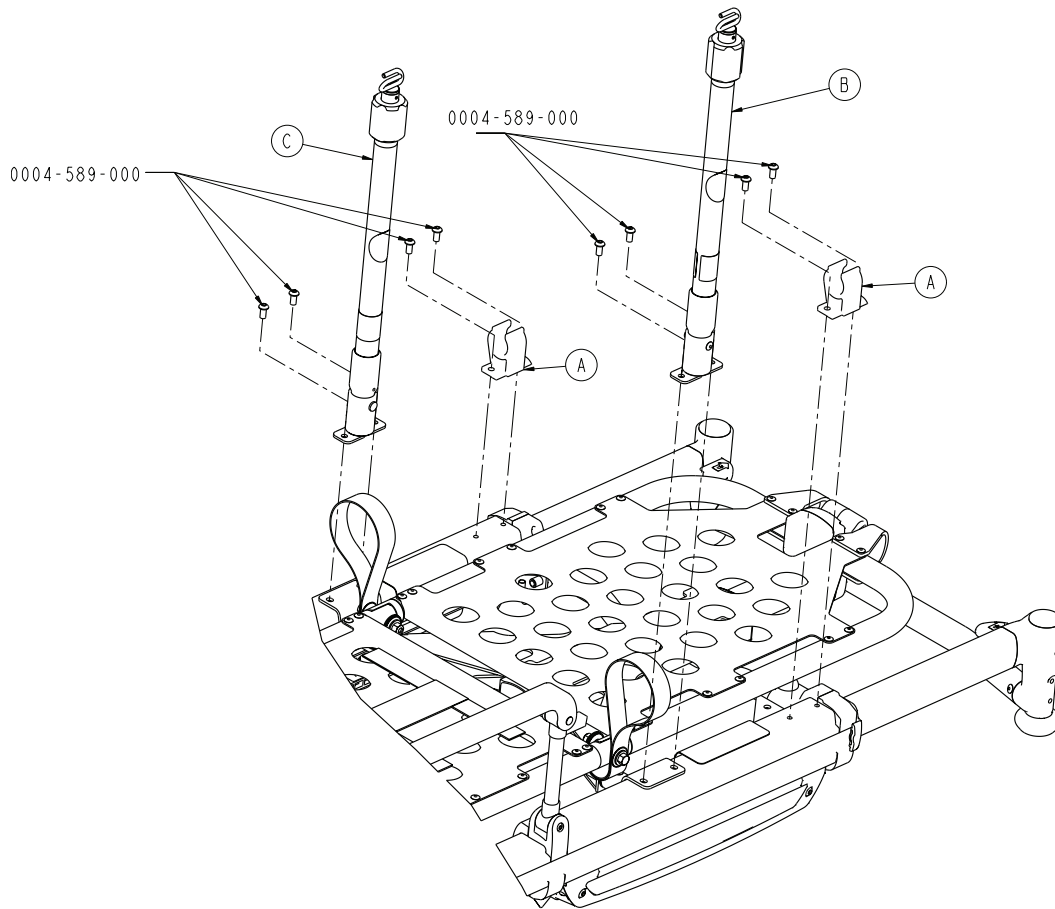
Rev A (Reference only)



Item	Number	Name	Quantity
A	6506-001-901	Label, no pushing	1
B	6070-210-070	IV pole assembly, two-stage	1
C	6100-115-051	Socket weldment	1
D	6500-101-254	Label	1
E	0025-079-000	Dome head rivet	1
F	6070-110-037	IV pivot pin	1

Two-stage IV pole, dual - 6550-312-000

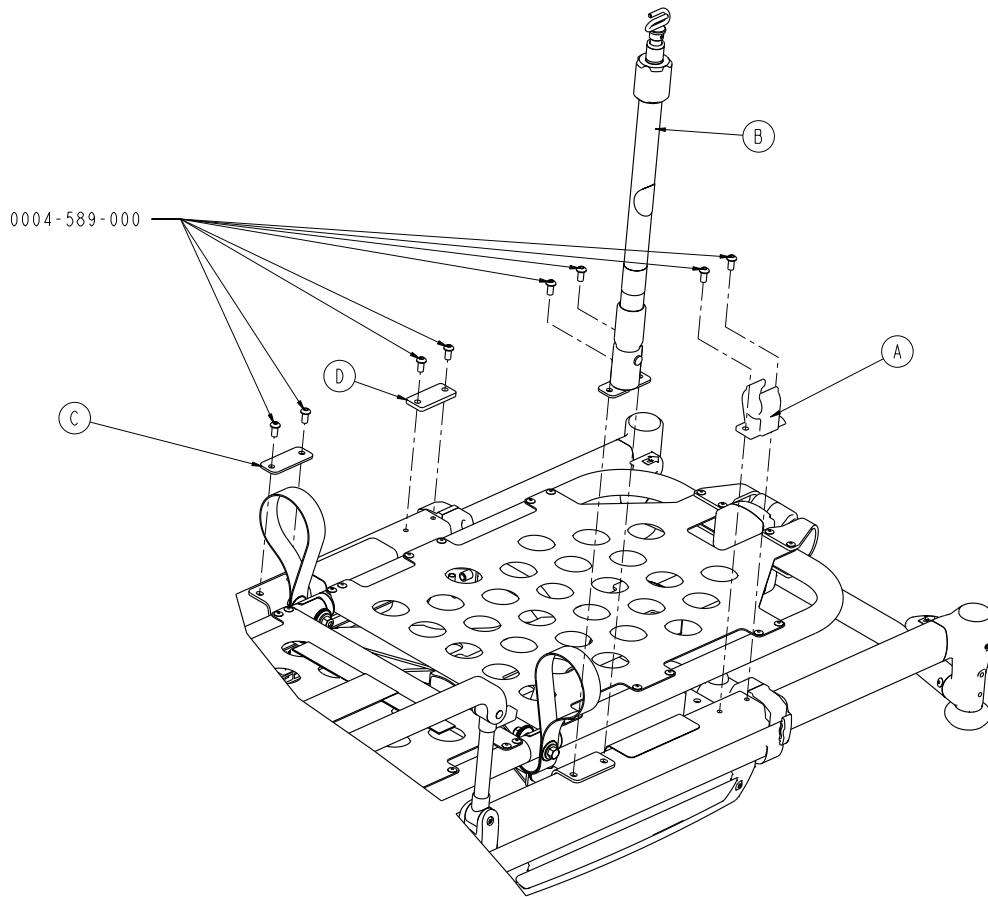
Rev A (Reference only)



Item	Number	Name	Quantity
A	6100-115-060	IV pole clip	1
B	6500-101-041	IV pole assembly, two-stage, right - 6500-101-041 on page 108	1
C	6500-101-042	IV pole assembly, two-stage, left - 6500-101-042 on page 110	1

Three-stage IV pole, right - 6550-315-000

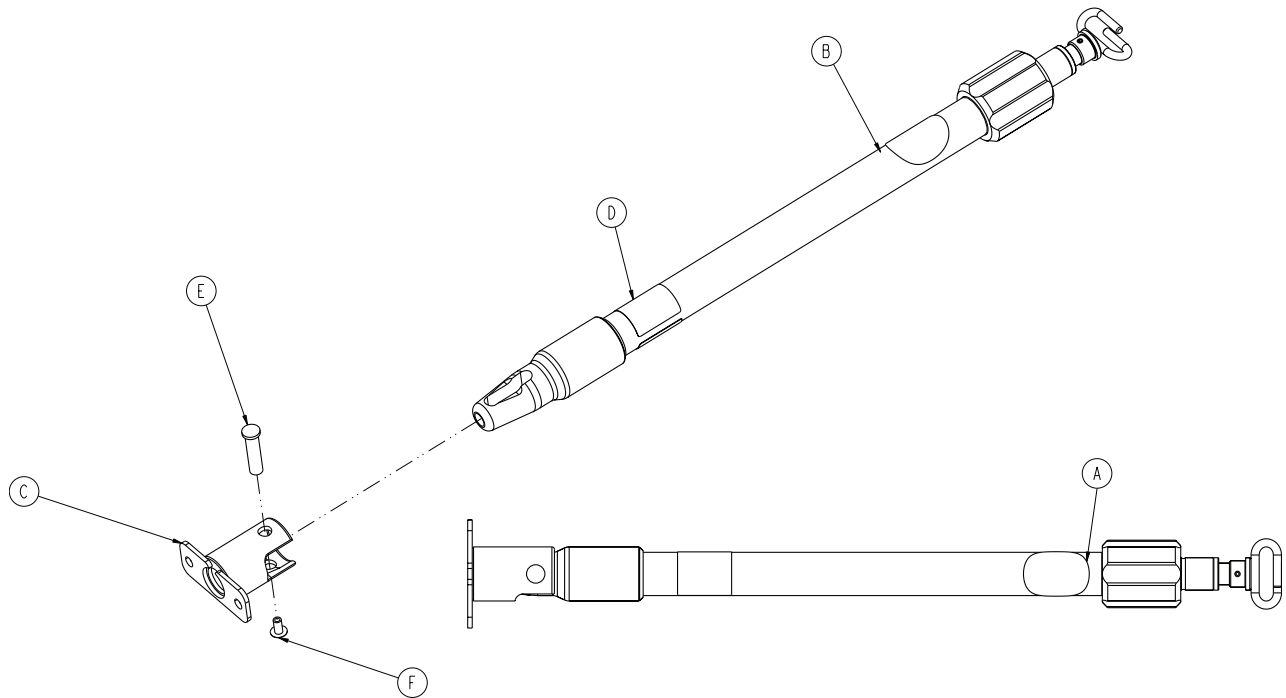
Rev A (Reference only)



Item	Number	Name	Quantity
A	6100-115-060	IV pole clip	1
B	6500-101-043	IV pole assembly, three-stage, right - 6500-101-043 on page 113	1
C	6550-001-117	IV pole spacer plate	1
D	6550-001-118	IV clip spacer plate	1

IV pole assembly, three-stage, right - 6500-101-043

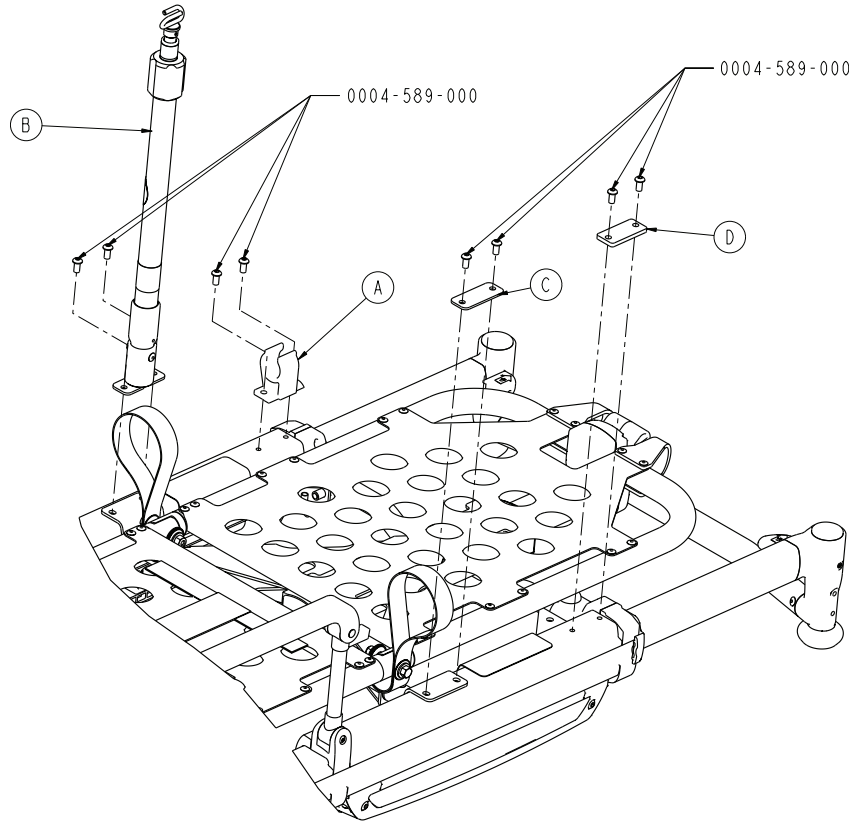
Rev A (Reference only)



Item	Number	Name	Quantity
A	6506-001-901	Label, no pushing	1
B	6070-215-070	Pole assembly	1
C	6100-115-051	Socket weldment	1
D	6500-101-255	Label	1
E	6070-110-037	IV pivot pin	1
F	0025-079-000	Dome head rivet	1

Three-stage IV pole, left - 6550-316-000

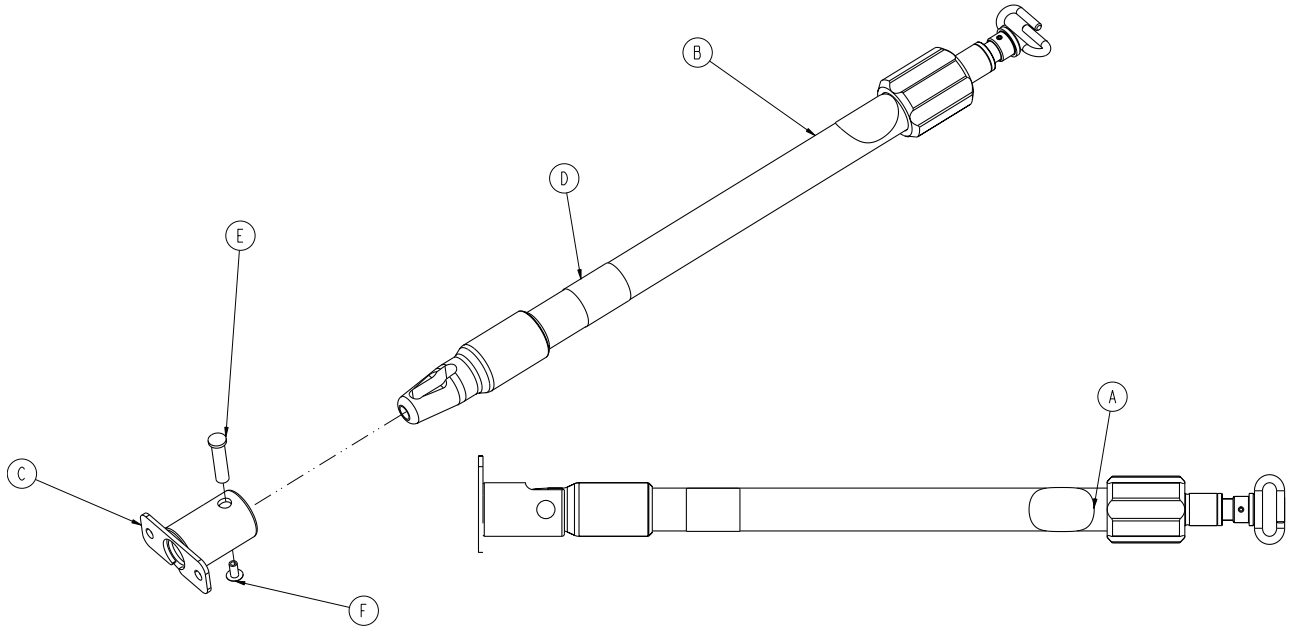
Rev A (Reference only)



Item	Number	Name	Quantity
A	6100-115-060	IV pole clip	1
B	6500-101-044	IV pole assembly, three-stage, left - 6500-101-044 on page 115	1
C	6550-001-117	IV pole spacer plate	1
D	6550-001-118	IV clip spacer plate	1

IV pole assembly, three-stage, left - 6500-101-044

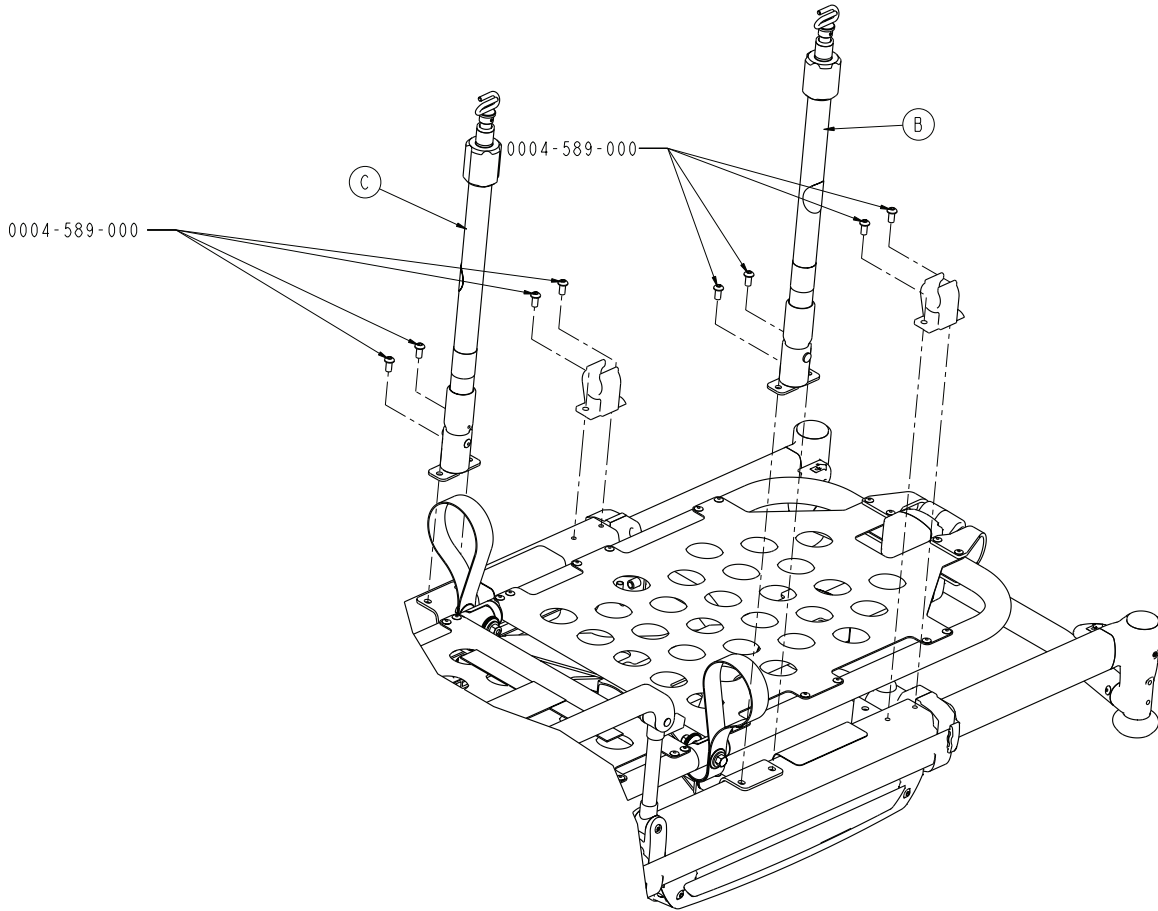
Rev A (Reference only)



Item	Number	Name	Quantity
A	6506-001-901	Label, no pushing	1
B	6070-215-070	Pole assembly	1
C	6100-115-051	Socket weldment	1
D	6500-101-256	Label	1
E	6070-110-037	IV pivot pin	1
F	0025-079-000	Dome head rivet	1

Three-stage IV pole, dual - 6550-317-000

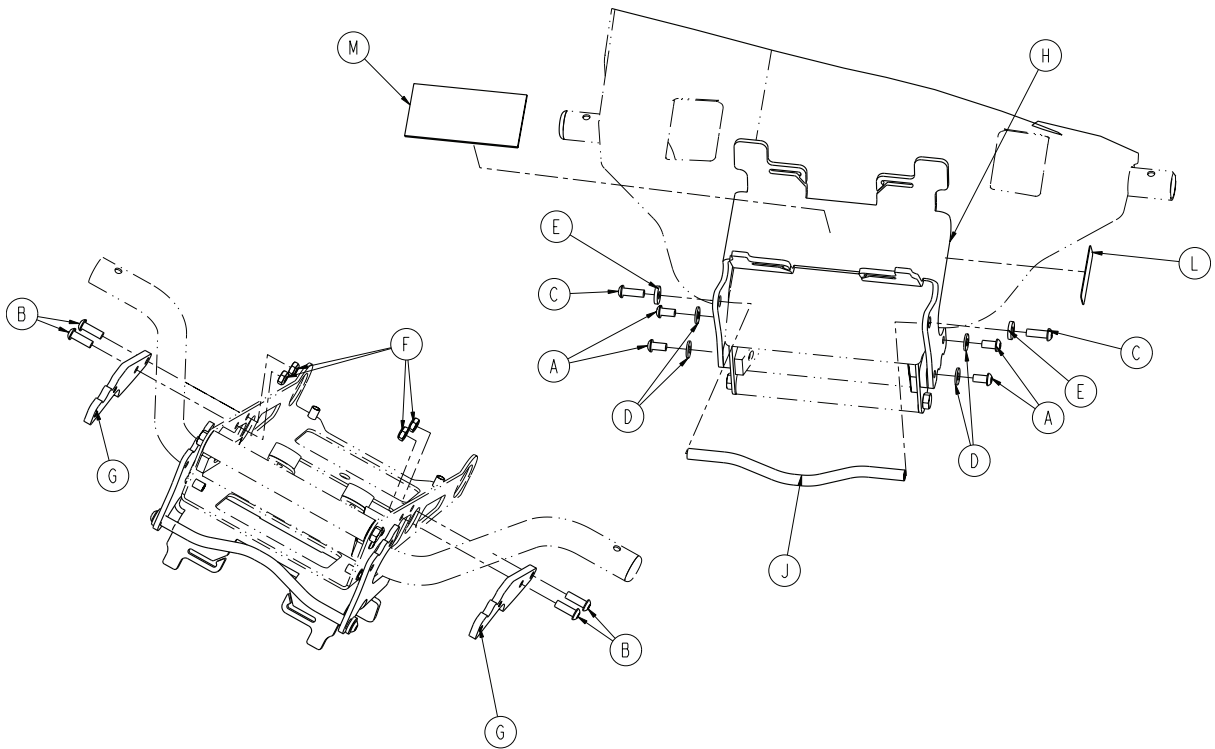
Rev A (Reference only)



Item	Number	Name	Quantity
A	6100-115-060	IV pole clip	2
B	6500-101-043	IV pole assembly, three-stage, right - 6500-101-043 on page 113	1
C	6550-101-044	IV pole assembly, three-stage, left - 6500-101-044 on page 115	1

Oxygen bottle holder

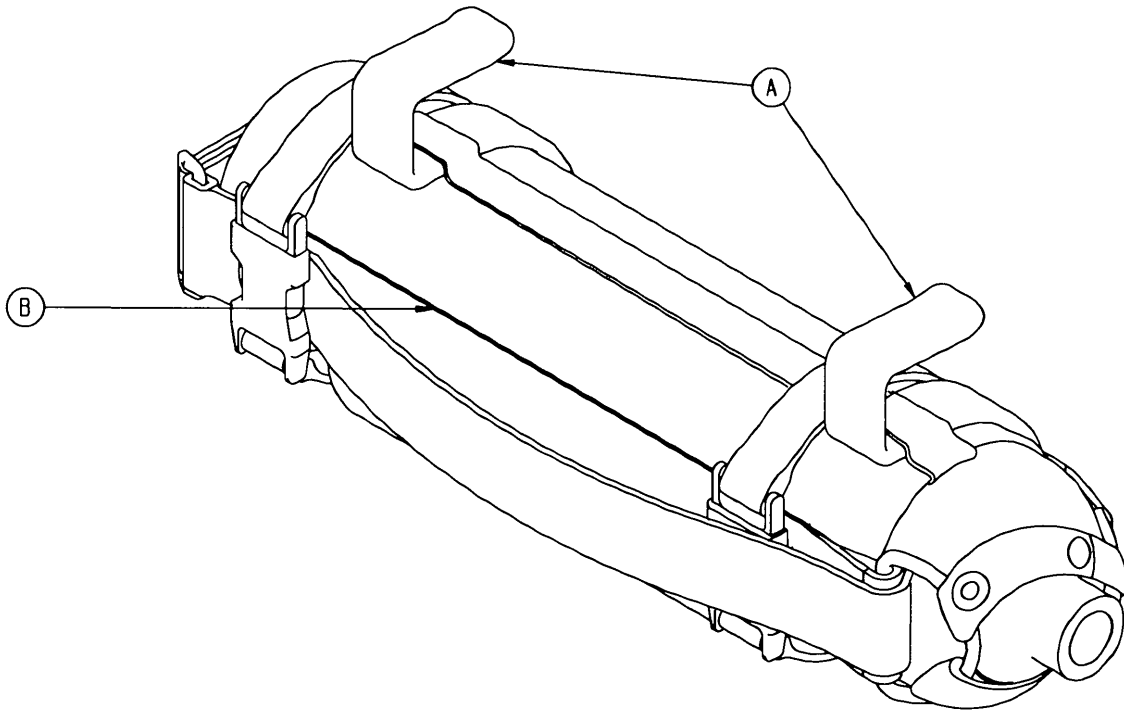
6550-102-020 Rev A (Reference only)



Item	Number	Name	Quantity
A	0004-589-000	Button head cap screw	4
B	0004-592-000	Button head cap screw	4
C	0004-593-000	Button head cap screw	2
D	0011-063-000	Washer	4
E	0011-209-000	Washer	2
F	0016-102-000	Nylock nut	4
G	6550-002-001	Oxygen bracket	2
H	6550-002-002	Oxygen tray	1
J	6550-002-003	Oxygen rod	1
K	6550-002-004	Oxygen bottle strap	1
L	6550-102-009	Label, oxygen bottle holder	1
M	6500-001-262	Neoprene pad	1

Removable oxygen bottle holder - 6080-140-000

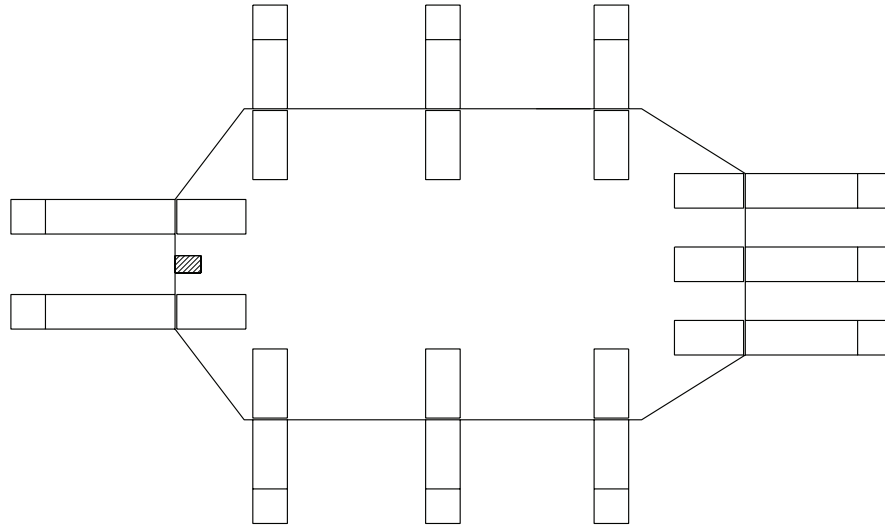
Rev A / 6080-140-010 Rev A (Reference only)



Item	Number	Name	Quantity
A	6080-140-011	Oxygen bottle holder hanger	2
B	6080-140-012	Oxygen bottle holder	1

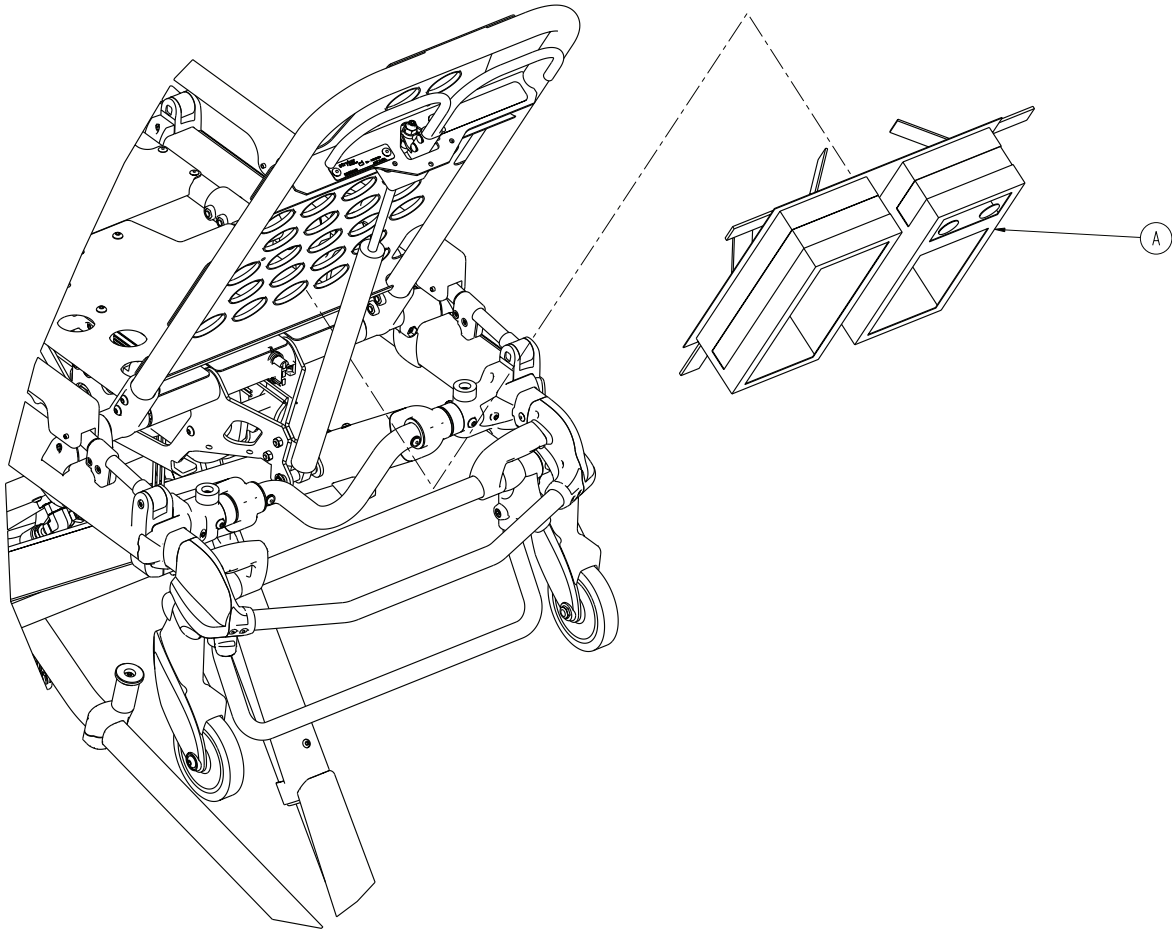
Base storage net - 6500-160-000

Rev A / 6500-001-126 Rev E (Reference only)



Backrest pouch - 6500-130-000

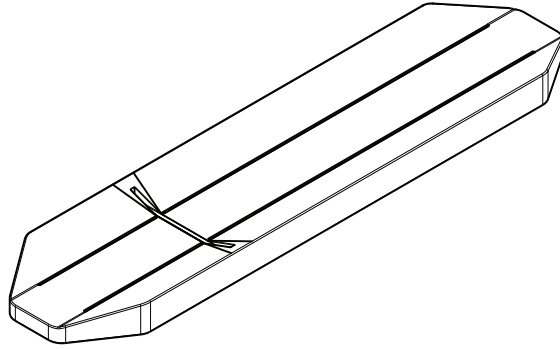
Rev A (Reference only)



Item	Number	Name	Quantity
A	6500-001-241	Pocketed backrest storage pouch	1

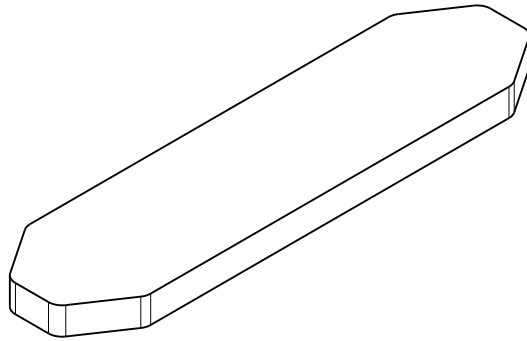
Mattress, flat - 6550-001-084

Rev F (Reference only)



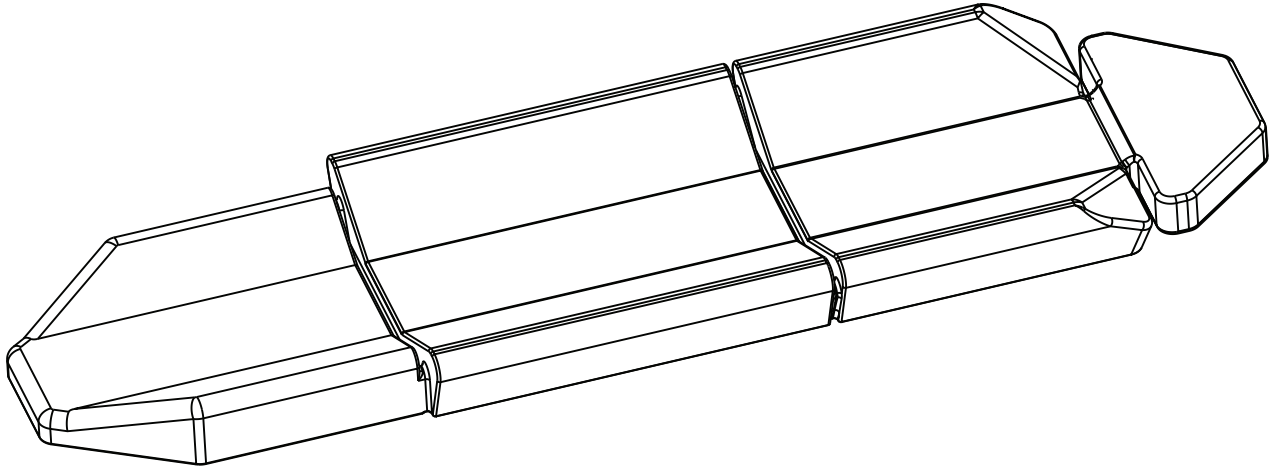
Mattress, flat - 6550-001-295

Rev B (Reference only)



Mattress, gatch bolster (XPS option) - 6500-003-130

Rev G (Reference only)



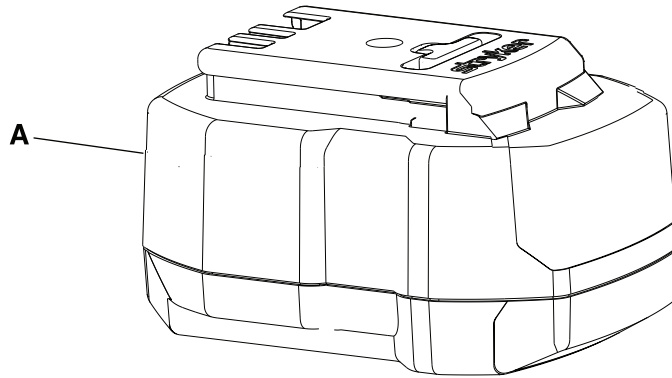
Recycling passport

Recycling passport



Recycling passport

6500-101-010 (Reference only)



Item	Recycling/material code	Important information	Quantity
A	SMRT Pak (6500-101-010)	NiCd	2



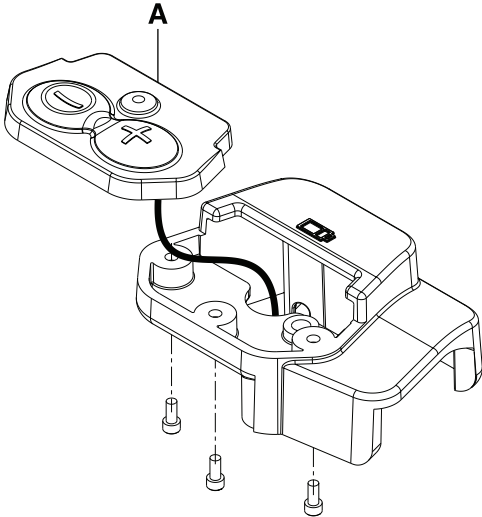
The Rechargeable Battery Recycling Corporation (RBRC) is a non-profit, public service organization that promotes the recycling of portable rechargeable batteries. Batteries must be delivered to a battery collection site. Visit the RBRC website (www.rbrc.org) to find a nearby collection site or call the phone number shown on the recycling symbol.

Recycling passport



Recycling passport

6550-101-036 (Reference only)



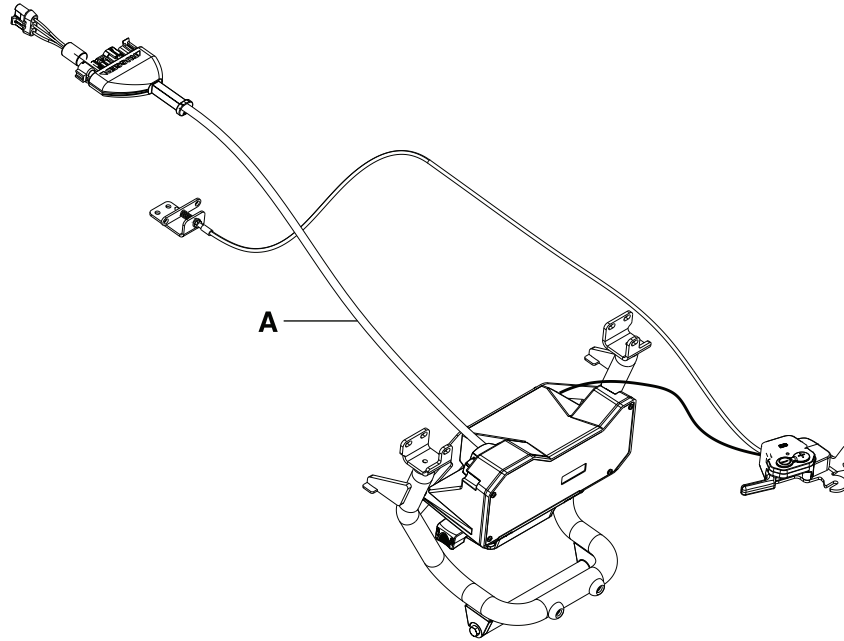
Item	Recycling/material code	Important information	Quantity
A	Printed circuit board	NiCd	1

Recycling passport



Recycling passport

6550-001-022 (Reference only)



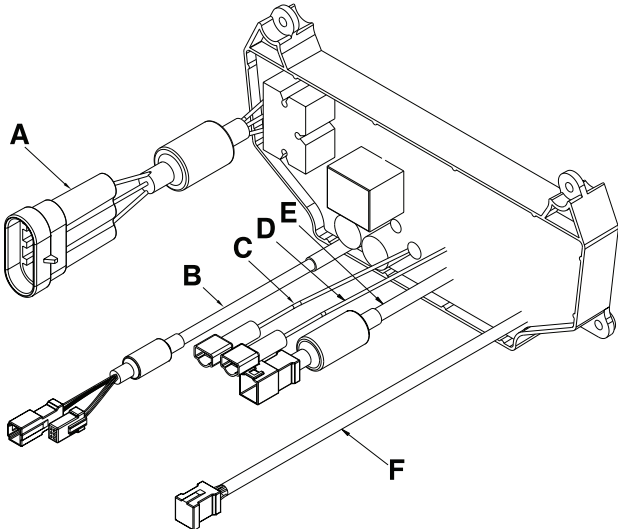
Item	Recycling/material code	Important information	Quantity
A	Printed circuit board	Contains liquid crystal display	1

Recycling passport



Recycling passport

6550-101-014 (Reference only)



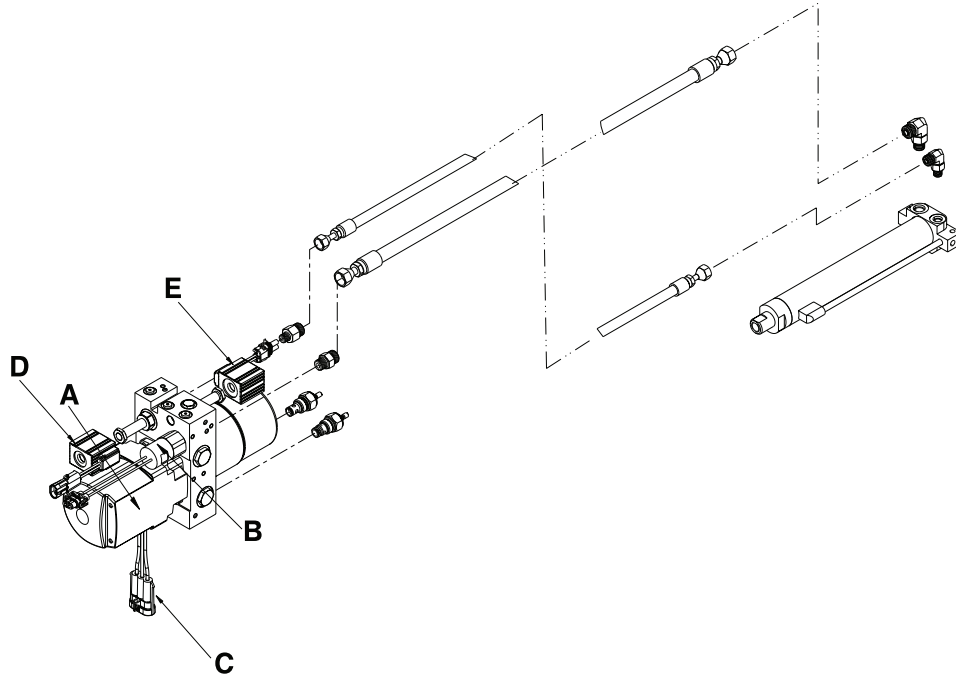
Item	Recycling/material code	Important information	Quantity
A	External electrical cable		1
B	External electrical cable		1
C	External electrical cable		1
D	External electrical cable		1
E	External electrical cable		1
F	External electrical cable		1

Recycling passport



Recycling passport

6550-101-014 (Reference only)



Item	Recycling/material code	Important information	Quantity
A	Motor	Contains automatic transmission fluid*	1
B	External electrical cable		1
C	External electrical cable		1
D	External electrical cable		1
E	External electrical cable		1

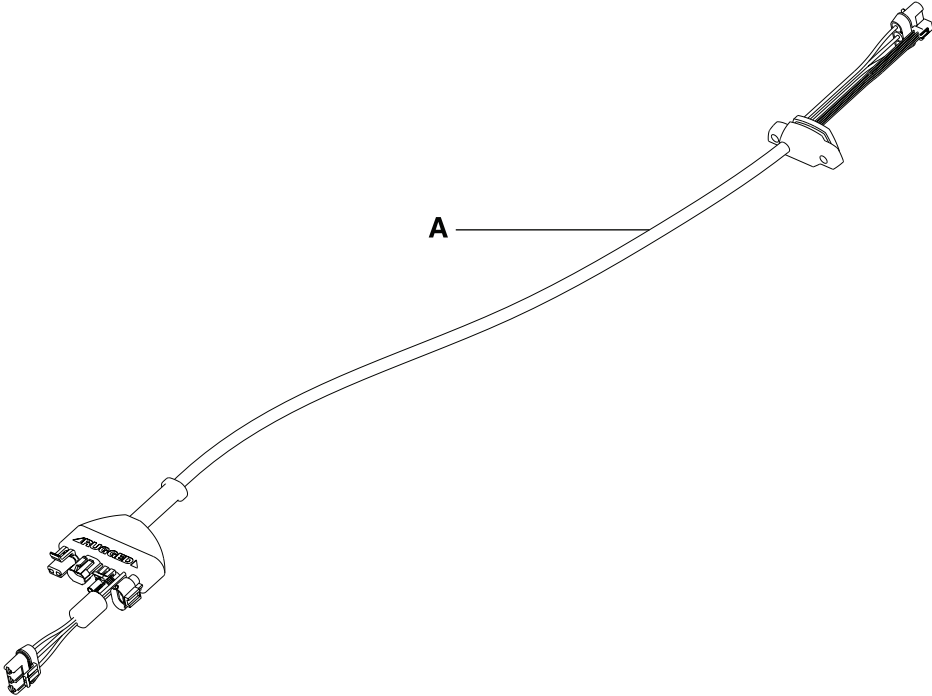
* Mobil MERCON® V Synthetic blend or equivalent

Recycling passport



Recycling passport

6550-001-172 (Reference only)



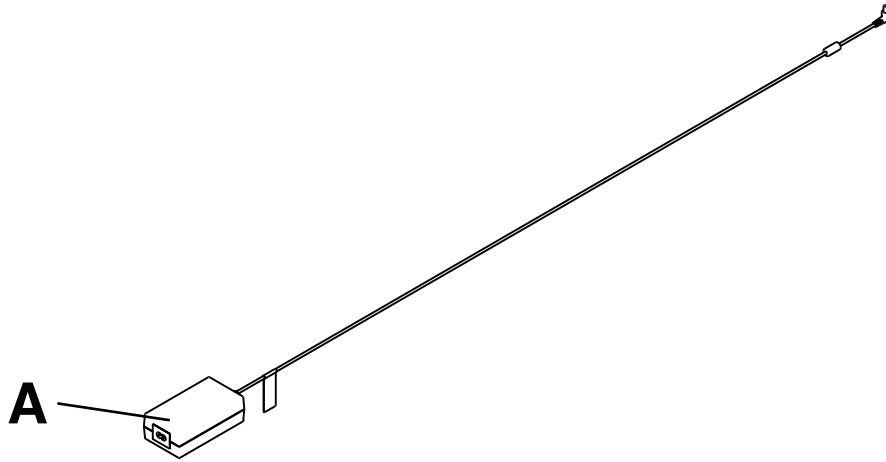
Item	Recycling/material code	Important information	Quantity
A	External electric cable		1

Recycling passport



Recycling passport

6500-201-148 (Reference only)



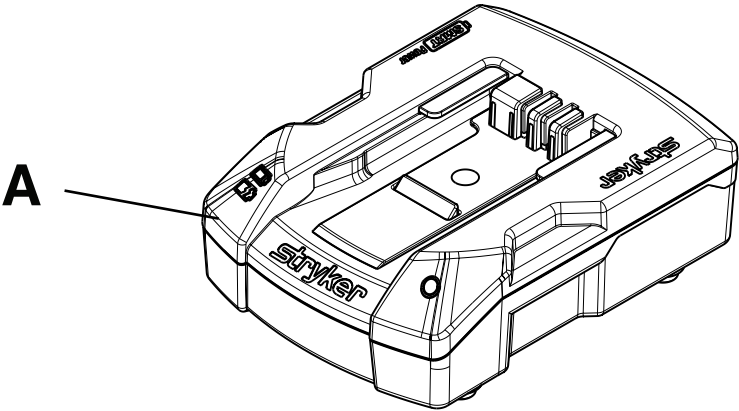
Item	Recycling/material code	Important information	Quantity
A	6500-201-248 (power supply)		1

Recycling passport



Recycling passport

6500-201-000 (Reference only)



Item	Recycling/material code	Important information	Quantity
A	6500-201-140 (Charger PCB)		1

EMC information

Guidance and manufacturer's declaration - electromagnetic emissions		
<p>Power-PRO is intended for use in the electromagnetic environment specified below. The customer or the user of Power-PRO should assure that it is used in such an environment.</p>		
Emissions test	Compliance	Electromagnetic environment
RF Emissions CISPR 11	Group 1	Power-PRO uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF Emissions CISPR 11	Cot: Class A	Power-PRO is suitable for use in all establishments other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
	SMRT charger (6500-201-010): Class A	SMRT charger is suitable for use in all establishments other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic Emissions IEC 61000-3-2	Cot N/A SMRT charger (6500-201-010): Class A	Not applicable
Voltage Fluctuations Flicker Emissions IEC 61000-3-3	Cot N/A SMRT charger (6500-201-010): complies	Not applicable

Recommended separations distances between portable and mobile RF communications equipment and Power-PRO			
<p>Power-PRO is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of Power-PRO can help prevent electromagnetic interferences by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and Power-PRO as recommended below, according to the maximum output power of the communications equipment.</p>			
Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz $D=(1.17) (\sqrt{P})$	80 MHz to 800 MHz $D=(1.17) (\sqrt{P})$	800 MHz to 2.5 GHz $D=(2.33) (\sqrt{P})$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3

EMC information

(Continued)

Recommended separations distances between portable and mobile RF communications equipment and Power-PRO			
100	12	12	23
<p>For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer. Note 1: At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies. Note 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p>			

Guidance and manufacturer's declaration - electromagnetic immunity			
<p>Power-PRO is suitable for use in the electromagnetic environment specified below. The customer or the user of Power-PRO should assure that it is used in such an environment.</p>			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 6 kV contact ± 8 kV air	± 6 kV contact ± 8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%. Applies to: <ul style="list-style-type: none"> Cot SMRT charger (6500-201-010)
Electrostatic fast Transient/burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/output lines	± 2 kV for power supply lines ± 1 kV for input/output lines	Main power quality should be that of a typical commercial or hospital environment. Applies to: <ul style="list-style-type: none"> SMRT charger (6500-201-010)
Surge IEC 61000-4-5	± 8 kV line(s) to line(s) ± 2 kV line(s) to earth	± 8 kV line(s) to line(s) ± 2 kV line(s) to earth	Main power quality should be that of a typical commercial or hospital environment. Applies to: <ul style="list-style-type: none"> SMRT charger (6500-201-010)
Voltage dips, voltage variations and short interruptions on power supply input lines IEC 61000-4-11	$<5\% U_T$ (95% dip in U_T) for 0.5 cycle $40\% U_T$ (60% dip in U_T) for 5 cycles $70\% U_T$ (30% dip in U_T) for 25 cycles $<5\% U_T$ ($>95\%$ dip in U_T) for 5 sec.	$<5\% U_T$ (95% dip in U_T) for 0.5 cycle $40\% U_T$ (60% dip in U_T) for 5 cycles $70\% U_T$ (30% dip in U_T) for 25 cycles $<5\% U_T$ ($>95\%$ dip in U_T) for 5 sec.	Main power quality should be that of a typical commercial or hospital environment. If the user of the charger requires continued operation during power main interruptions, it is recommended that the device be powered from an uninterrupted power supply or a battery.


EMC information

(Continued)

Guidance and manufacturer's declaration - electromagnetic immunity			
Power frequency (50/60Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment. Applies to: <ul style="list-style-type: none">• Cot• SMRT charger (6500-201-010)
Note: U_T is the a.c. mains voltage before applications of the test level.			

EMC information

(Continued)

Guidance and manufacturer's declaration - electromagnetic immunity			
<p>Conducted RF IEC 61000-4-6</p> <p>Radiated RF IEC 61000-4-3</p>	<p>3 Vrms 150 kHz to 80 MHz</p> <p>3 V/m 80 MHz to 2.5 GHz</p>	<p>3 Vrms</p> <p>3 V/m</p>	<p>Portable and mobile RF communications equipment should be used no closer to any part of Power-PRO, including cables, than the recommended separation distance calculated from the equation appropriate for the frequency of the transmitter.</p> <p>Recommended separation distance</p> <p>$D=(1.2) (\sqrt{P})$</p> <p>$D=(1.2) (\sqrt{P})$</p> <p>80 MHz to 800 MHz</p> <p>$D=(2.3) (\sqrt{P})$</p> <p>800 MHz to 2.5 GHz</p> <p>where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m).</p> <p>Field strengths from fixed RF transmitters, as determined by an electromagnetic site ^a should be less than the compliance level in each frequency range.^b</p> <p>Interference may occur in the vicinity of equipment marked with the following symbol:</p> <div style="text-align: center;">  </div>
<p>Note 1: At 80 MHz and 800 MHz, the higher frequency range applies.</p> <p>Note 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.</p>			

EMC information

(Continued)

Guidance and manufacturer's declaration - electromagnetic immunity

^a Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast, and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which **Power-PRO** is used exceeds the applicable RF compliance level above, the **Power-PRO** system should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating **Power-PRO**.

^b Over the frequency range 150 kHz to 80 MHz, field strengths are less than 3 V/m.

Warranty

Stryker EMS, a division of the Stryker Corporation, offers one warranty option in the United States:

Two (2) year parts and labor. Stryker EMS warrants to the original purchaser that its products should be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of two (2) years after date of delivery. Stryker's obligation under this warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any product that is, in the sole discretion of Stryker, found to be defective. Expendable components, i.e. mattresses, restraints, IV poles, storage nets, storage pouches, oxygen straps, and other soft goods, have a one (1) year limited warranty.

The Stryker **Power-PRO** TL is designed for a 7 year expected service life under normal use conditions, and with appropriate periodic maintenance as described in the maintenance manual. Stryker warrants to the original purchaser that the welds on the **Power-PRO** TL will be free from structural defects for the expected 7 year life of the product as long as the original purchaser owns the product. Original purchasers will also obtain a three (3) year limited parts warranty for the X-frame components of the **Power-PRO** cot and a three (3) year limited power train warranty covering the motor pump assembly and hydraulic cylinder assembly. Stryker's obligation under this three (3) year limited warranty is expressly limited to supplying replacement parts and labor for, or replacing, at its option, any part that is, in the sole discretion of Stryker, found to be defective.

SMRT Power Warranties. Stryker EMS warrants the **SMRT** charger for the same duration as the Stryker product for which it is furnished. All **SMRT** Paks are warranted to be free from manufacturing non-conformances that affect product performance and customer satisfaction for a period of one (1) year.

Upon Stryker's request, the purchaser shall return to Stryker's factory any product or part (freight prepaid by Stryker) for which an original purchaser makes a warranty claim.

Warranty exclusions and other conditions:

- Any improper use or alteration or repair by unauthorized service providers in such a manner as in Stryker's judgment affects the product materially and adversely, shall void this warranty.
- Any repair of Stryker products using parts not provided or authorized by Stryker shall void this warranty.
- There are extenuating circumstances and events that may alter the performance of the products such as an ambulance accident. In Stryker's discretion, certain circumstances may allow for evaluation of the product post ambulance accident which could allow for continued use of the product. If products recommended to be removed from service are put back into service, Stryker will consider the product as being subject to unusual stress and improperly maintained. Products which are subject to unusual stress and improper maintenance are not subject to Stryker's warranty as noted above. In addition, Stryker will not indemnify any customer for any third-party claims related to injuries caused by products that have been involved in accidents.
- This warranty is void if the label bearing the serial number of the product has been removed or defaced.
- This warranty is void if the product is not purchased from an authorized Stryker dealer.

This statement constitutes Stryker EMS's entire warranty with respect to the aforesaid equipment. Stryker makes no other warranty or representation either expressed or implied, except as set forth herein. There is no warranty on merchantability and there are no warranties of fitness for any particular purpose. In no event shall Stryker be liable hereunder for incidental or consequential damages arising from or in any matter related to sales or use of such equipment.

No employee or representative of Stryker is authorized to change this warranty in any way.

Warranty exclusion and damage limitations

The express warranty set forth herein is the only warranty applicable to the product. **Any and all other warranties, whether express or implied, including any implied warranty of merchantability or fitness for a particular purpose are expressly excluded by Stryker.** In no event shall Stryker be liable for incidental or consequential damages.

Warranty

To obtain parts and service

Stryker products are supported by a nationwide network of dedicated Stryker Field Service Representatives. These representatives are factory trained, available locally, and carry a substantial spare parts inventory to minimize repair time. Simply call your local representative or call Stryker Customer Service at 1-800-327-0770.

Return authorization

Product cannot be returned without prior approval from the Stryker Customer Service Department. An authorization number will be provided which must be printed on the returned product. Stryker reserves the right to charge shipping and restocking fees on returned product. Special, modified, or discontinued products are not subject to return.

Damaged product

ICC Regulations require that claims for damaged product must be made within fifteen (15) days of receipt of the product. Do not accept damaged shipments unless such damage is noted on the delivery receipt at the time of receipt. Upon prompt notification, Stryker will file a freight claim with the appropriate carrier for damages incurred. Claims will be limited in amount to the actual replacement cost. In the event that this information is not received by Stryker within the fifteen (15) day period following the delivery of the product, or the damage was not noted on the delivery receipt at the time of receipt, the customer will be responsible for payment of the original invoice in full within thirty (30) days of receipt. Claims for any incomplete shipments must be made within thirty (30) days of invoice.

International warranty clause

This warranty reflects U.S. domestic policy. Warranty outside the U.S. may vary by country. Contact your local Stryker Medical representative for additional information.



Stryker European Operations B.V.
Herikerbergweg 110
Amsterdam
1101 CM
Netherlands



Stryker Medical
3800 E. Centre Avenue
Portage, MI 49002
USA

stryker[®]