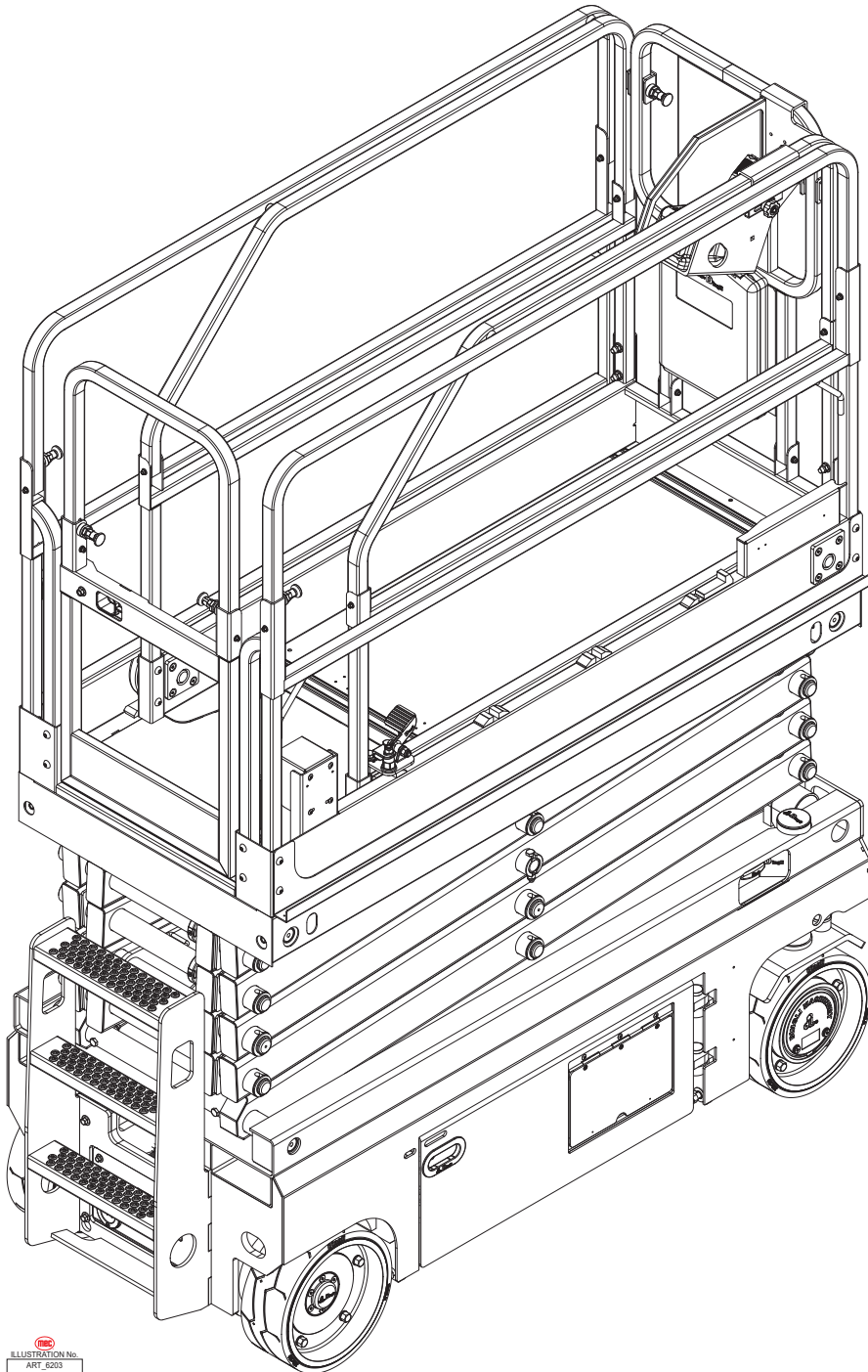




Service & Parts Manual

Micro26AE



Meets requirements of ANSI A92.20-2020 and CSA B354.6-2019.
Serial Number Range 19100025 - Up

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Revision History

Date	Reason for Update
September 2025	New Release



MEC Aerial Work Platforms

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Service Introduction

This Service section is designed to provide you, the customer, with the instructions needed to properly maintain the MEC self-propelled aerial work platform. When used in conjunction with the illustrated Parts section in this manual and the Operator's Manual (provided separately), this manual will assist you in making necessary adjustments and repairs, and identifying and ordering the correct replacement parts.

All parts represented here are manufactured and supplied in accordance with MEC quality standards. We recommend that you use genuine MEC parts to ensure proper operation and reliable performance.

To obtain maximum benefits from your MEC Aerial Work Platforms, always follow the proper operating and maintenance procedures. Only trained authorized personnel should be allowed to operate or service this machine. Service personnel should read and study the Operator's, and the Service and Parts Manuals in order to gain a thorough understanding of the unit prior to making any repairs.

MEC Operator Policy

Note: *The best method to protect yourself and others from injury or death is to use common sense. If you are unsure of any operation, **don't start** until you are satisfied that it is safe to proceed and have discussed the situation with your supervisor.*

Service personnel and machine operators must understand and comply with all warnings and instructional decals on the body of the machine, at the ground controls, and platform control console.



MODIFICATIONS OF THIS MACHINE FROM THE ORIGINAL DESIGN AND SPECIFICATIONS WITHOUT WRITTEN PERMISSION FROM MEC ARE STRICTLY FORBIDDEN. A MODIFICATION MAY COMPROMISE THE SAFETY OF THE MACHINE, SUBJECTING OPERATOR(S) TO SERIOUS INJURY OR DEATH.

MEC's policies and procedures demonstrate our commitment to Quality and our relentless ongoing efforts towards Continuous Improvement, due to which product specifications are subject to change without notice.

Any procedures not found within this manual must be evaluated by the individual to assure oneself that they are "proper and safe."

Your MEC Aerial Work Platform has been designed, built, and tested to provide many years of safe, dependable service. Only trained, authorized personnel should be allowed to operate or service the machine.

MEC, as manufacturer, has no direct control over machine application and operation. Proper safety practices are the responsibility of the user and all operating personnel.

If there is a question on application and/or operation, contact MEC Aerial Work Platforms:



MEC Aerial Work Platforms

1401 S. Madera Avenue, Kerman, CA 93630 USA
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www.MECawp.com

Safety Symbols & General Safety Tips

MEC manuals and decals use symbols, colors and signal words to help you recognize important safety, operation and maintenance information.



RED and the word DANGER – Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



ORANGE and the word WARNING – Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



YELLOW with alert symbol and the word CAUTION – Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.



YELLOW without alert symbol and the word CAUTION – Indicates a potentially hazardous situation which, if not avoided, may result in property damage.



GREEN and the word NOTICE – Indicates operation or maintenance information.

Regular inspection and constant maintenance is the key to efficient economical operation of your aerial work platform. It will help to assure that your equipment will perform satisfactorily with a minimum of service and repair.

The actual operating environment of the machine governs the inspection schedule. Correct lubrication is an essential part of the preventative maintenance to minimize wear on working parts and ensure against premature failure. By maintaining correct lubrication, the possibility of mechanical failure and resulting downtime is reduced to a minimum.

- Use only recommended lubricants. Improper lubricants or incompatible lubricants may be as harmful as no lubrication.
- Watch for makeshift “fixes” which can jeopardize safety as well as lead to more costly repair.

Bolt Torque Specification - American Standard

Fasteners

Use the following values to apply torque unless a specific torque value is called out for the part being used.

American Standard Cap Screws								
SAE Grade	5				8			
Cap Screw Size (Inches)	 ART 5816				 ART 5816			
	Torque				Torque			
	Ft-lbs		Nm		Ft-lbs		Nm	
	Min	Max	Min	Max	Min	Max	Min	Max
1/4 - 20	6.25	7.25	8.5	10	8.25	9.5	11	13
1/4 - 28	8	9	11	12	10.5	12	14	16
5/16 - 18	14	15	19	20	18.5	20	25	27
5/16 - 24	17.5	19	12	26	23	25	31	34
3/8 - 16	26	28	35	38	35	37	47.5	50
3/8 - 24	31	34	42	46	41	45	55.5	61
7/16 - 14	41	45	55.5	61	55	60	74.5	81
7/16 - 20	51	55	69	74.5	68	75	92	102
1/2 - 13	65	72	88	97.5	86	96	116	130
1/2 - 20	76	84	103	114	102	112	138	152
9/16 - 12	95	105	129	142	127	140	172	190
9/16 - 18	111	123	150	167	148	164	200	222
5/8 - 11	126	139	171	188	168	185	228	251
5/8 - 18	152	168	206	228	203	224	275	304
3/4 - 10	238	262	322	255	318	350	431	474
3/4 - 16	274	302	371	409	365	402	495	544
7/8 - 9	350	386	474	523	466	515	631	698
7/8 - 14	407	448	551	607	543	597	736	809
1 - 8	537	592	728	802	716	790	970	1070
1 - 14	670	740	908	1003	894	987	1211	1137

Torque values apply to fasteners as received from the supplier, dry or when lubricated with normal engine oil.

If special graphite grease, molydisulphide grease, or other extreme pressure lubricants are used, these torque values do not apply.

Bolt Torque Specification - Metric Standard

Fasteners

Use the following values to apply torque unless a specific torque value is called out for the part being used.

Metric Cap Screws								
Metric Grade	8.8				10.9			
Cap Screw Size (Millimeters)	 				 			
	Torque				Torque			
	Ft-lbs		Nm		Ft-lbs		Nm	
	Min	Max	Min	Max	Min	Max	Min	Max
M6 × 1.00	6	8	8	11	9	11	12	15
M8 × 1.25	16	20	21.5	27	23	27	31	36.5
M10 × 1.50	29	35	39	47	42	52	57	70
M12 × 1.75	52	62	70	84	75	91	102	123
M14 × 2.00	85	103	115	139	120	146	163	198
M16 × 2.50	130	158	176	214	176	216	238	293
M18 × 2.50	172	210	233	284	240	294	325	398
M20 × 2.50	247	301	335	408	343	426	465	577
M22 × 2.50	332	404	450	547	472	576	639	780
M24 × 3.00	423	517	573	700	599	732	812	992
M27 × 3.00	637	779	863	1055	898	1098	1217	1488
M30 × 3.00	872	1066	1181	1444	1224	1496	1658	2027

Torque values apply to fasteners as received from the supplier, dry or when lubricated with normal engine oil.

If special graphite grease, molydisulphide grease, or other extreme pressure lubricants are used, these torque values do not apply.

Specifications

Height, Working Maximum ¹	Indoor	31.5ft	9.6m
	Outdoor	24.6ft	7.5m
Height, Platform Maximum	Indoor	24.9ft	7.6m
	Outdoor	18.0ft	5.5m
Height, Stowed Maximum	Rails Up	91.3in	2.32m
	Rails Folded	78.3in	1.99 m
Width		31.9in	0.81m
Platform Length	Retracted	74in	1.88m
	Extended	109.5in	2.78m
Platform Dimensions (L × W)		67.7×29.1in	1.72×0.74m
Extension Deck Length		35.4in	0.9m
Extension Deck Capacity		250lbs	113kg
Maximum Load Capacity		550lbs	250kg
Sheet Material Rack Capacity ²		110lbs	50kg
Maximum Occupants	Indoor	2 Person	
	Outdoor	1 Person	
Manual Force	Indoor	90lbs	400N
	Outdoor	45lbs	200N
Maximum Wind Speed		28 mph	12.5 m/s (45 km/h)
Wheelbase		55.1in	1.4m
Turning Radius	Outside	66.9in	1.7m
	Inside	0in	0m
Pothole Guard Clearance	Stowed	3.8in	9cm
	Deployed	0.6in	1.6cm
Weight ³		4,785lbs	2,170kg
Controls		Proportional	
System Voltage		24V DC	
Tire Size		12.7×4.9in	Φ323×125mm
Slop Ratings			
Slope Rating, Stowed Position		25% (14°)	
Side Slope Rating, Stowed Position		25% (14°)	
Chassis Inclination		1.5 Side / 3.0 Inline	
Drive Speeds			
Platform Lowered, Maximum		2.8 mph	4.5 km/h
Platform Raised, Maximum		0.4 mph	0.6 km/h
Floor Loading Information			
Tire Load, Maximum		1,604lbs	730kg
Tire Contact Pressure		938psi	9.6kg/cm ²
Occupied Floor Pressure		326psf	1,596kg/m ²
Meets or exceeds the requirements of ANSI A92.20-2020 and CSA B354.6.17.			
¹ Working Height adds 6 feet (2 meters) to platform height.			
² Sheet material weight is part of the total platform capacity. This may limit capacity to one occupant.			
³ Weight may vary with certain options or configurations.			

Maintenance Lock

DEATH OR SERIOUS INJURY HAZARD!

NEVER perform work or inspection on the machine with the platform elevated without first blocking the scissor assembly with the Maintenance Lock.



DO NOT engage the Maintenance Lock unless the platform is empty of tools and material.

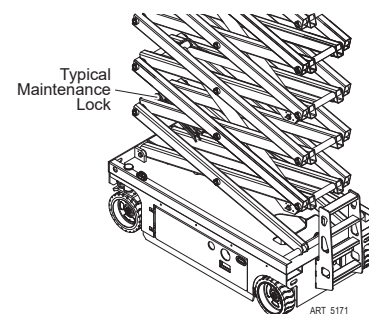
The Maintenance Lock is located at the front of the scissor stack.

1. Raise the platform approximately 10 feet (3 meters) just high enough to rotate the Maintenance Lock into place.
2. Lift the Maintenance Lock, move it to the center of the scissor arm, then rotate it up to a vertical position.

The Maintenance Lock must engage the scissor section above it.



DO NOT set it so that it hangs down.



3. Lower the platform until the Maintenance Lock rests securely on the link. Keep clear of the Maintenance Lock when lowering the platform.

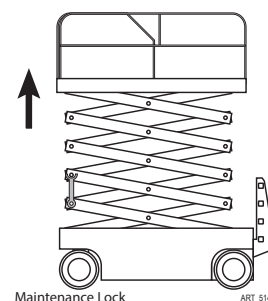
Stowing the Maintenance Lock

The Maintenance Lock must be stowed before lowering the platform.



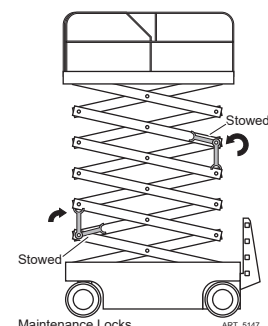
DO NOT attempt to lower the platform with one maintenance lock in place.

1. Raise the platform approximately 1 foot (0.3 meters) higher so that the Maintenance Lock clears the scissor link cross tubes.
2. Slide the front-end Maintenance Lock to the side and rotate it stowed position.
3. Lower the platform.



Keep clear of the scissor linkage when lowering.

If a Maintenance Lock requires adjustment to stow it correctly, stop the lowering function. Adjust the maintenance lock while stationary, then return to the lowering function.



Machine Systems

Electrical System



Prevent damage to battery and/or electrical system;

- **Always disconnect the negative battery cable first.**
 - **Always connect the positive battery cable first.**
-

When the negative cable is installed, a spark will occur if contact is made between the positive side of the battery and a metal surface on the machine. This can cause damage to the electrical system, battery explosion, and personal injury.

Total System

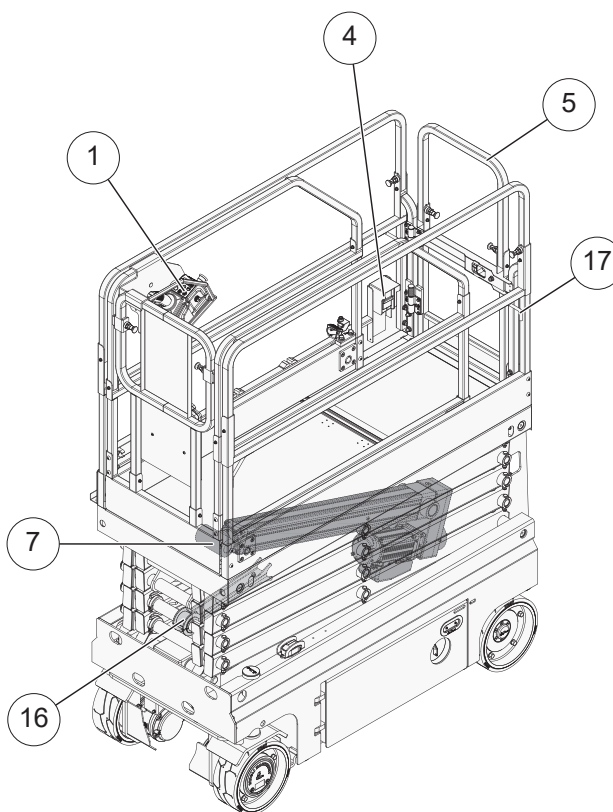
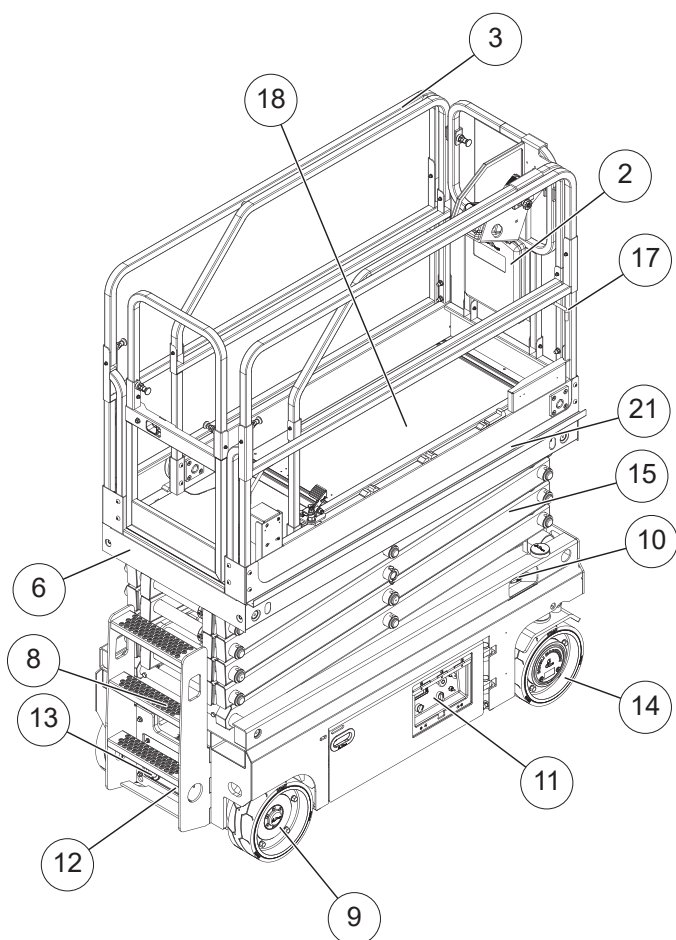
FAILURE TO PERFORM PREVENTIVE MAINTENANCE AT RECOMMENDED INTERVALS MAY RESULT IN THE UNIT BEING OPERATED WITH A DEFECT THAT COULD RESULT IN INJURY OR DEATH OF THE OPERATOR.



IMMEDIATELY REPORT TO YOUR SUPERVISOR ANY DEFECT OR MALFUNCTION. ANY DEFECT SHALL BE REPAIRED PRIOR TO CONTINUED USE OF THE AERIAL WORK PLATFORM.

INSPECTION AND MAINTENANCE SHOULD BE PERFORMED BY QUALIFIED PERSONNEL FAMILIAR WITH THE EQUIPMENT.

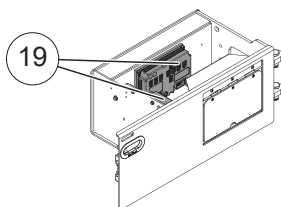
Component Locations



Electric Lift Cylinder, and Maintenance Lock are shown for visual reference and clarity.

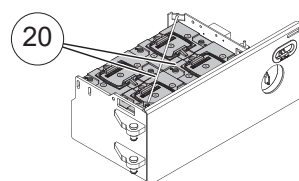
Control Module

Components shown for visual reference and clarity.



Battery Module

Components shown for visual reference and clarity.



- 1) Platform Controls
- 2) Manual Case
- 3) Platform Guardrails
- 4) Platform Extension Deck Release Pedal
- 5) Platform Entry Gate
- 6) Main Platform
- 7) Electric Lift Cylinder
- 8) Entry Ladder
- 9) Drive Wheels
- 10) Emergency Lowering Handle
- 11) Ground Control Panel
- 12) Battery Charger Display
- 13) Battery Charger/Power to Platform Plug (3-Prong)
- 14) Steer Wheels
- 15) Scissor Stack
- 16) Maintenance Lock
- 17) Lanyard Anchorage Point(s)
- 18) Platform Extension Deck
- 19) Motor Controllers (2×)
- 20) Batteries (4×)
- 21) Sheet Material Rack


ILLUSTRATION No.
ART_6204

Emergency Systems and Procedures



IF THE CONTROL SYSTEM FAILS WHILE THE PLATFORM IS ELEVATED, USE THE EMERGENCY LOWERING PROCEDURE TO SAFELY LOWER THE PLATFORM.

DO NOT CLIMB DOWN THE ELEVATING ASSEMBLY OR EXIT THE PLATFORM.

Emergency Stop Switch

The machine is equipped with an Emergency Stop switch at the lower controls and the platform control box.

- Push in the Emergency Stop switch at any time to stop all machine functions.
- Pull the switch out to reset it.
- Pressing either switch will stop all machine functions.
- Both switches must be reset (pulled out) or the machine will not operate.

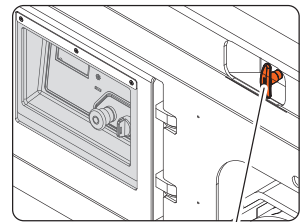


ART_3353

Emergency Lowering

The Emergency Lowering system is used to lower the platform in case of power failure.

To lower the platform, pull the Emergency Lowering Knob, located near the Base Control panel.



ART_5884

Emergency Lowering Handle

Transport and Lifting Instructions

Safety Information

This section is provided for reference and does not supersede any government or company policy regarding the loading, transport or lifting of MEC machinery.



Truck drivers are responsible for loading and securing machines, and should be properly trained and authorized to operate MEC machinery. Drivers are also responsible for selecting the correct and appropriate trailer according to government regulations and company policy. Drivers must ensure that the vehicle and chains are strong enough to hold the weight of the machine (see the serial number plate for machine weight).

While loading and unloading, the transport vehicle must be parked on a level surface and secured to prevent rolling.

Loading: Free-wheel configuration for Winching or Towing

RUNAWAY HAZARD!



After releasing the brakes there is nothing to stop machine travel. Machine will roll freely on slopes.

ALWAYS chock the wheels before manually releasing the brakes.

Before towing or winching the machine, it is necessary to release the brakes. The machine can be winched or towed short distances at speeds not to exceed 3.1mph (5.0km/h). Reset the brakes after towing or winching.

Brake Release Operation

1. Chock the wheels to prevent the machine from rolling.
2. Turn on the machine. Press the F2 button to get into the password interface, then input the password: "1233".
3. Press F2 button to find the "Brake release", then press F3 button to enable the function.
4. If you want to close the brake release, just turn off the key switch in "ground" position.

Driving or Winching onto or off of a Transport Vehicle



Always attach the machine to a winch when loading or unloading from a truck or trailer by driving.

Read and understand all safety, control, and operating information found on the machine and in this manual before operating the machine.

Before loading or unloading the machine, check that:

- The deck extension, controls and component trays are secure.
- The platform is fully lowered.
- All loose items have been removed.

Before driving or winching the machine:

- Attach the machine to a winch.
- Remove all machine tie downs. Remove wheel chocks.

Driving

- Turn the Key Switch to the Platform position. Check that the Emergency Stop Switch is reset by pulling it out to the On position (pulled out).
- Enter the platform and reset the Platform Emergency Stop Switch.
- Test platform control functions.
- Select slow drive speed mode. Carefully drive the machine off the transport vehicle with the winch attached.

Note: The brakes are automatically released for driving and will automatically apply when the machine stops.

Winching

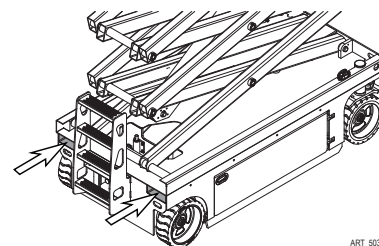
- Disengage brakes (see Free-wheel configuration for Winching or Towing on page 11).
- Carefully operate the winch to lower the machine down the ramp.
- Chock the wheels and engage the brakes.



Lifting the machine from the side may result in component damage.

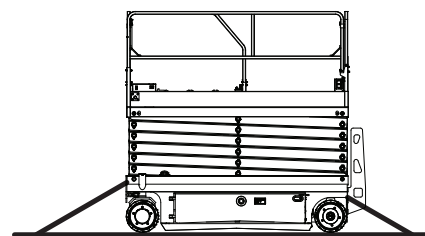
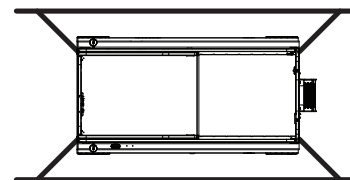
Lifting the machine with a Forklift

- Position the forklift forks in line with the forklift pockets.
- Drive forward to the full extent of the forks.
- Raise the machine 6 inch (15 centimeters) and then tilt the forks back slightly to keep the machine secure.
- Be sure the machine is level when lowering the forks.



Securing to truck or trailer for Transport

- Turn the Key Switch to off and remove the key before transport.
- Inspect the entire machine for loose or unsecured items.
- Chock the wheels.
- Use the tie-down points on the chassis for anchoring down to the transport surface.
- Use chains or straps of ample load capacity.
- Use a minimum of four (4) chains or straps.
- Adjust the rigging to prevent damage to the chains and the machine.
- If the railings have been folded down, secure them with straps before transporting.



Lifting Instructions

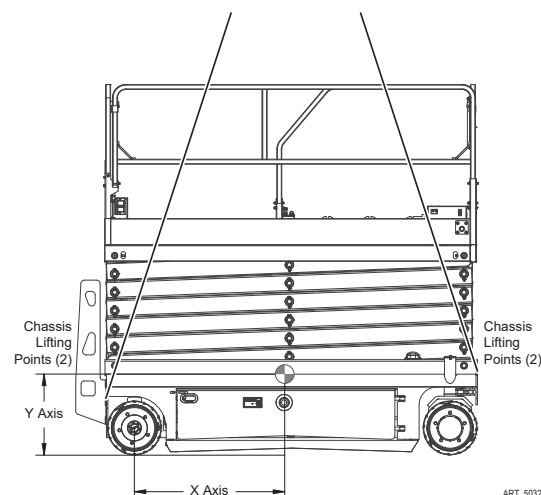
Only qualified riggers should rig and lift the machine.



Ensure that the crane, loading surfaces, spreader bars, cables, chains and straps are of sufficient capacity to withstand the machine weight. See the serial plate for the machine weight.

- Fully lower the platform. Be sure the deck extension is retracted and the controls and component trays are closed and secure. Remove all loose items from the machine.
- Attach rigging to the designated lift points only.
- Adjust the rigging to prevent damage to the machine and to keep the machine level.
- Determine the center of gravity of the machine.

X Axis	Y Axis
25.9 inches (65.8 centimeters)	23 inches (58.4 centimeters)



ART_5032

Maintenance

DO NOT operate this machine until you have read and understood this manual, have performed the Workplace Inspection, Pre-Start Inspection and Routine Maintenance, and have completed all the test operations detailed in the Operating Instructions section.

The operator must conduct a Pre-Start Inspection of the machine and test all functions before each work shift to check for damage, malfunction and unauthorized modification. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

Tag and remove a damaged, malfunctioning or modified machine from service. **DO NOT** use a damaged, malfunctioning or modified machine.

Use the Pre-Start Inspection to determine what Routine Maintenance is required. The operator may perform only the routine maintenance items specified in this manual.

IMPORTANT: Scheduled maintenance inspection checklists are included in this manual for use only by qualified service technicians. Only qualified service technicians may perform repairs to the machine. After repairs are completed, the operator must perform a Pre-Start Inspection before proceeding to the Functions Test.

NEVER perform work or inspection on the machine with the platform elevated without first blocking the scissor assembly with the Maintenance Lock (see page 7).

**WARNING**

Perform scheduled maintenance at recommended intervals. Failure to perform scheduled maintenance at recommended intervals may result in a defective or malfunctioning machine and may result in injury or death of the operator. Keep maintenance records current and accurate.

Immediately report any damage, defect, unauthorized modification or malfunction to your supervisor. Any defect must be repaired prior to continued use. **DO NOT** use a damaged, modified or malfunctioning machine.

Use only recommended lubricants. Improper lubricants or incompatible lubricants may cause as much damage as no lubrication.

**CAUTION**

Watch for makeshift “fixes” which can jeopardize safety as well as lead to more costly repair.

Inspection and maintenance should be performed by qualified personnel familiar with the equipment.

Routine Maintenance



NEVER perform work or inspection on the machine with the platform elevated without first blocking the scissor assembly with the Maintenance Lock.

See page 7 for instructions.

IMPORTANT: The operator may perform only maintenance items on the Pre-Start Inspection Checklist. Frequent and Annual maintenance must be performed by qualified service technicians.

Pre-Start Inspection

Perform routine maintenance as identified in the Pre-Start Inspection Checklist on page 16.

Frequent and Annual Maintenance

Frequent Inspection Checklists and Annual Inspection Reports must be completed by qualified service technicians trained and authorized to perform maintenance on this machine, and must be done in accordance with the procedures outlined in the service manual. Scheduled maintenance inspection checklists are included in this manual for use by qualified service technicians.

IMPORTANT: In addition to the Frequent Inspection Checklists and Annual Inspection, the **30-Day Service must be performed after the first 30 days or 40 hours of initial service. See the Service & Parts Manual for specific instructions.**

Machines that have been out of service for more than three months must have the Frequent Inspection Checklists completed before returning to service.

Pre-Start Inspection Checklist

The operator must conduct a Pre-Start Inspection of the machine before each work shift.

DO NOT use a damaged or malfunctioning machine.

	Be sure that the operator's manual are complete, legible and in the storage container located in the platform.
	Be sure that all decals are legible and in place. See Decals section.
	Check for battery fluid leaks. (Sealed AGM-type batteries don't require maintenance.)

Check the following components or areas for damage, improperly installed or missing parts and unauthorized modifications:

	Electrical components, wiring and electrical cables
	Battery connections
	Battery pack and connections
	Drive motors
	Slide blocks/wear pads
	Tires and wheels
	Ground strap
	Limit switches, alarm and beacon
	Nuts, bolts and other fasteners
	Platform entry gate
	Beacons and alarms
	Maintenance Lock
	Platform extension
	Scissor pins and retaining fasteners
	Platform control handle
	Brake release components
	Pothole guards

Check entire machine for:

	Cracks in welds or structural components
	Dents or damage to machine
	Be sure that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened
	Be sure that guard rails are properly installed and secured, and that all pins and bolts are properly fastened.
	Be sure that the chassis trays are closed and latched and the batteries are properly connected.



NEVER perform work or inspection on the machine with the platform elevated without first blocking the scissor assembly with the Maintenance Lock. See page 7 for instructions.

Frequent Inspection Checklist



This checklist must be used at 3-month intervals or every 150 hours of machine use, whichever occurs first. Failure to do so could result in death or serious injury.

Frequent Maintenance Inspections should be conducted by qualified service technicians only. Photocopy this page for reuse. Keep inspections records up to date. Record and report all discrepancies to your supervisor. See the Service & Parts Manual for specific instructions.

Model Number _____ Serial Number _____ Hour Meter Reading _____

	Perform all checks listed on Pre-Start Inspection.
	Grease the Steering Yokes
	Batteries
	Electrical Wiring
	Tires and wheels
	Emergency Stop
	Key Switch
	Horn
	Drive Brakes
	Drive Speed, Stowed Platform
	Drive Speed, Raised Platform
	Drive Speed, Slow
	Latch Components
	Test Down & Pothole limit switches
	Test Up Limit Switches

Date _____ Inspected By _____

Maintenance Inspection Report

ALL-ELECTRIC, SE & MICRO Series Scissors

Fleet Equipment Number _____	Date _____
Inspector Name _____	Inspector Co. _____
Model Number _____	Address _____
Serial Number _____	_____
Hour Meter _____	Signature _____
Machine Owner & address _____	_____

Maintain all service records in accordance with ANSI A92.24-2019

* If an inspection receives an "N", remove from service. Once repaired, place an "R" in the box.

* Refer to the proper service manual for specific information, settings and torque specifications.

Key Y = Yes, Acceptable N = No, Remove from Service R = Repaired 0 = Not Applicable

☐

QUARTERLY - Inspect only those marked "Q"

☐

ANNUAL - Inspect all items

	Q/A	Y/N/O	R
DECALS:			
Legible - undamaged/readable	Q		
Capacity decal correct for model	Q		
RAILS:			
Not damaged, all in place	Q		
All rail fasteners secure	Q		
Entry gate secure, closes properly	Q		
Manual box in good condition	Q		
Operators Manual in manual box	Q		
PLATFORM EXTENSION:			
Rolls in and out freely	Q		
Lock holds deck in place	Q		
Release pedal moves freely (lube)	Q		
ELEVATING ASSEMBLY:			
Scissor Slide Blocks, lubed	Q		
Maintenance Stand, good Cond	Q		
Beam structures: Straight, no cracks	A		
Welds: secure, no cracks	A		
Retaining Rings	A		
Cylinder Pins, secure	A		
ELECTRICAL:			
GFCI operates correctly	Q		
Wire harnesses good cond, secure	A		
Comm cable no damage, secure	A		
BASE:			
Fasteners tight	Q		
Cover panels secure	Q		
Welds	A		

	Q/A	Y/N/O	R
WHEELS:			
Tire damage	Q		
Lug nuts (Wheel mounting) torqued correctly	Q		
King Pins lubed	A		
COMPONENT AREA:			
Batteries filled (Flooded-type Only)	Q		
Emergency Stop, Cuts all power	Q		
Battery Switch, Stops all power when pushed	Q		
Plastic Cover on door end, secure	Q		
Lift Actuator(s) mounting tight	Q		
Steer Actuator, Mounting tight	A		
Drive Motors, fasteners tight, No leaks from hubs	Q		
OPERATIONAL INSPECTION:			
All functions, operate smooth and quiet	Q		
All functions, speeds correct	Q		
Upper control box, operates correctly	Q		
Emergency Down, operates correctly	Q		
Limit switches slows drive when elevated	Q		
Pothole switch test	Q		
Steering pressure relief, set correctly	Q		
Test Platform Overload Sensing operation	Q		

Daily Maintenance

The following maintenance should be done every daily or 8 hours of operation whichever comes first.

1) Inspect the Manuals and Decals

Maintaining the operator's manual in good condition is essential to safe machine operation. Manuals are included with each machine and should be stored in the container provided in the platform. An illegible or missing manual will not provide safety and operational information necessary for a safe operating condition.

In addition, maintaining all of the safety and instructional decals in good condition is mandatory for safe machine operation. Decals alert operators and personnel to the many possible hazards associated with using this machine. They also provide users with operation and maintenance information. An illegible decal will fail to alert personnel of a procedure or hazard and could result in unsafe operating conditions.

1. Check to make sure that the operator's manual is present and complete in the storage container on the platform.
2. Examine the pages of manual to be sure that they are legible and in good condition.
 - **Result:** The operator's manual is appropriate for the machine and the manual are legible and in good condition.
 - **Result:** The operator's manual is not appropriate for the machine or the manual is not in good condition or is illegible. Remove the machine from service until the manual is replaced.
3. Open the operator's manual to the decals inspection section. Carefully and thoroughly inspect all decals on the machine for legibility and damage.
 - **Result:** The machine is equipped with all required decals, and all decals are legible and in good condition.
 - **Result:** The machine is not equipped with all required decals, or one or more decals are illegible or in poor condition. Remove the machine from service until the decals are replaced.
4. Always return the manual to the storage container after use.

2) Perform Pre-operation Inspection

Completing a Pre-operation Inspection is essential to safe machine operation. The Pre-operation Inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests. The Pre-operation Inspection also serves to determine if routine maintenance procedures are required.

Complete information to perform this procedure is available in the appropriate operator's manual. Refer to the operator's manual on your machine.

3) Check the Batteries

- New parts may be required to perform this procedure.

Proper battery condition is essential to good machine performance and operational safety. Improper fluid levels or damaged cables and connections can result in component damage and hazardous conditions.

Note: This inspection is not required for machines with lithium batteries, sealed AGM-batteries, or maintenance-free batteries.



Electrocution hazard! Contact with electrically charged or hot or live circuits may result in death or serious injury. Remove all rings, watches and other jewelry.



Bodily injury hazard! Batteries contain acid. Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

1. Put on protective clothing and eye wear.
2. Be sure that the battery cable connections are tight and free of corrosion.
3. Be sure that the battery hold-down bars are secure.
4. Remove the battery vent caps.
5. Check the battery acid level. If needed, replenish with distilled water to the bottom of the battery fill tube. **Do not overfill!**
6. Install the vent caps.

Note: Adding terminal protectors and a corrosion preventative sealant will help eliminate corrosion on the battery terminals and cables.

4) Perform 30 Day Service

- Tools may be required to perform this procedure.
- New parts may be required to perform this procedure.

The 30-day maintenance procedure is a one time procedure to be performed after the first 30 days or 40 hours of usage. After this interval, refer to the maintenance tables for continued scheduled maintenance.

Perform the following maintenance procedure:

- Inspect the Tires, Wheels and Castle Nut Torque on page 21

Quarterly Maintenance

The following maintenance should be done every quarter or 250 hours of operation, whichever comes first.

1) Inspecting the Batteries

- Tools may be required to perform this procedure.
- New parts may be required to perform this procedure.

Proper battery condition is essential to good machine performance and operational safety. Improper fluid levels or damaged cables and connections can result in component damage and hazardous conditions.

Note: This inspection is not required for machines with lithium batteries, sealed AGM-batteries, or maintenance-free batteries.



Electrocution hazard! Contact with electrically charged or hot or live circuits may result in death or serious injury. Remove all rings, watches and other jewelry.

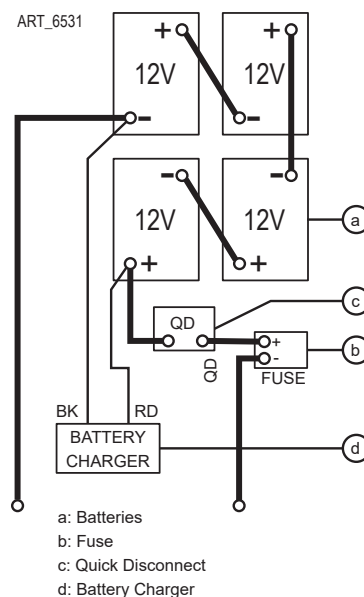


Bodily injury hazard! Batteries contain acid. Avoid spillage or contacting battery acid. Neutralize battery acid spills with baking soda and water.

1. Put on protective clothing and eye wear.
2. Release the battery pack latch and rotate the battery pack out and away from the chassis.
3. Be sure that the battery cable connections are free of corrosion.

Note: Adding terminal protectors and a corrosion preventative sealant will help eliminate corrosion on the battery terminals and cables.

4. Be sure that the battery retainers and cable connections are tight.
5. Fully charge the batteries. Allow the batteries to rest 24 hours before performing this procedure to allow the battery cells to equalize.
6. Check each battery pack and verify that the batteries are wired correctly.
7. Inspect the battery charger plug and pigtail for damage or excessive insulation wear. Replace as required.
8. Connect the battery charger to a properly grounded 110 - 230V / 50 – 60 Hz single phase AC power supply.
 - **Result:** The charger should operate and begin charging the batteries.
 - **Result:** If, simultaneously, the charger alarm sounds and the LEDs blink, correct the charger connections at the fuse and battery. The charger will then operate correctly and begin charging the batteries.



Note: For best results, use an extension of adequate size with a length no longer than 49 feet or 15 meters.

The following must be measured and recorded once the battery has been fully charged, after a waiting time of at least 12 hours:

- Total voltage
- Individual voltage of the block battery

If significant changes to previous measurements or differences between the block batteries are identified, then MEC Customer Service must be contacted for further testing or repairs.

2) Inspect the Electrical Wiring

- Tools may be required to perform this procedure.

Maintaining electrical wiring in good condition is essential to safe operation and good machine performance. Failure to find and replace burnt, chafed, corroded or pinched wires could result in unsafe operating conditions and may cause component damage.



Electrocution / burn hazard. Contact with electrically charged circuits could result in death or serious injury. Remove all rings, watches and other jewelry.

1. Inspect the underside of the chassis for damaged or missing ground strap(s).
2. Inspect the following areas for burnt, chafed, corroded and loose wires:
 - Ground control panel
 - Battery tray inside the wire
 - Battery pack module tray
 - Platform controls
3. Turn the key switch to platform control. Pull out the platform and ground red Emergency Stop button to the on position.
4. Raise the platform until the distance of the two sets of scissor at least 19.7 inches (0.5 meters).
5. Lift the safety arm and rotate down to a vertical position.
6. Push in the lower control emergency stop button.
7. Lower the platform using the emergency lowering knob until the safety arm rests securely on the link. Keep clear of the safety arm when lowering the platform.
 - It is recommended to use the emergency lowering knob to lower the platform instead of the upper or lower controls to prevent excessive contact between the safety arm and scissor-rod.



DO NOT engage the Maintenance Lock unless the platform is empty of tools and material.

Crushing hazard. Keep hands clear of the safety arm when lowering the platform.

8. Inspect the center chassis area and scissor arms for burnt, chafed and pinched cables.
9. Inspect the following areas for burnt, chafed, corroded, pinched and loose wires:

- Scissor arms
 - Power to platform wiring
10. Inspect for a liberal coating of dielectric grease in the following locations:
 - Between the ECU and platform controls
 - All wire harness connectors Level sensor
 11. Raise the platform and return the safety arm to the stowed position.
 12. Lower the platform to the stowed position and turn the machine off.

3) Inspect the Tires, Wheels and Castle Nut Torque

- Tools may be required to perform this procedure.
- New parts may be required to perform this procedure.

Maintaining the tires and wheels in good condition is essential to safe operation and good performance. Tire and/or wheel failure could result in a machine tip-over. Component damage may also result if problems are not discovered and repaired in a timely fashion.

1. Check the tire surface and sidewalls for cuts, cracks, punctures and unusual wear.
2. Check each wheel for damage, bends and cracks.
3. Check each bolt for proper torque.

Bolt Torque, Dry	92.2 ft-lbs (125 Nm)
Bolt Torque, Lubricated	84.8 ft-lbs (115 Nm)

4) Test the Emergency Stop

A properly functioning Emergency Stop is essential for safe machine operation. An improperly operating red Emergency Stop button will fail to shut off power and stop all machine functions, resulting in a hazardous situation.

As a safety feature, selecting and operating the ground controls will override the platform controls, except the platform red Emergency Stop button.

1. Turn the key switch to ground control. Pull out the platform and ground red Emergency Stop button to the on position.
2. Push in the red Emergency Stop button at the ground controls to the off position.
 - **Result:** No machine functions should operate.
3. Turn the key switch to platform control. Pull out the platform and ground red Emergency Stop button to the on position.
4. Push in the red Emergency Stop button at the platform controls to the off position.
 - **Result:** No machine functions should operate.

Note: The red Emergency Stop button at the ground controls will stop all machine operation, even if the key switch is switched to platform control.

5) Test the Key Switch

Proper key switch action and response is essential to safe machine operation. The machine can be operated from the ground or platform controls and the activation of one or the other is accomplished with the key switch. Failure of the key switch to activate the appropriate control panel could cause a hazardous operating situation.

Perform this procedure from the ground using the platform controls. Do not stand in the platform.

1. Pull out the platform and ground red Emergency Stop button to the on position.
2. Turn the key switch to platform control.
3. Check the platform up/down function from the ground controls.
 - **Result:** The machine functions should not operate.
4. Turn the key switch to ground control.
5. Check the machine functions from the platform controls.
 - **Result:** The machine functions should not operate.
6. Turn the key switch to the off position.
 - **Result:** No function should operate.

6) Test the Automotive-style Horn

The horn is activated at the platform controls and sounds at the ground as a warning to ground personnel. An improperly functioning horn will prevent the operator from alerting ground personnel of hazards or unsafe conditions.

1. Turn the key switch to platform control. Pull out the platform and ground red Emergency Stop button to the on position.
2. Push down the horn button at the platform controls.
 - **Result:** The horn should sound.

7) Test the Drive Brakes

- Tools may be required to perform this procedure.
- New parts may be required to perform this procedure.

Proper brake action is essential to safe machine operation. The drive brake function should operate smoothly, free of hesitation, jerking and unusual noise.

Perform this procedure with the machine on a firm level surface that is free of obstructions, with the platform extension deck fully retracted and the platform in the stowed position.

1. Mark a test line on the ground for reference.
2. Turn the key switch to platform control. Pull out the platform and ground red Emergency Stop button to the on position.
3. Lower the platform to the stowed position.
4. Press the drive function select button.
5. Choose a point on the machine; i.e., contact patch of a tire, as a visual reference for use when crossing the test line.
6. Bring the machine to top drive speed before reaching the test line. Release the function enable switch or the joystick when your reference point on the machine crosses the test line.
7. Measure the distance between the test line and your machine reference point.
 - **The maximum braking distance at high speed on a paved surface is 24 inches±11.8 inches (61 centimeters±30 centimeters)**
 - **Result:** The machine stops within the specified braking distance. No action required.
 - **Result:** The machine does not stop within the specified braking distance.

Note: The brakes must be able to hold the machine on any slope it is able to climb.

8. Replace the brakes and repeat this procedure beginning with step 1.

8) Test the Drive Speed (Stowed Position)

- Tools may be required to perform this procedure.

Proper drive functions are essential to safe machine operation. The drive function should respond quickly and smoothly to operator control. Drive performance should also be free of hesitation, jerking and unusual noise over the entire proportionally controlled speed range.

Perform this procedure with the machine on a firm, level surface that is free of obstructions.

1. Create start and finish lines by marking two lines on the ground 40 feet (12.2 meters) apart.
2. Turn the key switch to platform control. Pull out the platform and ground red Emergency Stop button to the on position.
3. Lower the platform to the stowed position.
4. Press the drive function select button.
5. Choose a point on the machine; i.e., contact patch of a tire, as a visual reference for use when crossing the start and finish lines.
6. Bring the machine to top drive speed before reaching the start line. Begin timing when your reference point on the machine crosses the start line.
7. Continue at full speed and note the time when your reference point on the machine passes over the finish line. Refer to specifications.

9) Test the Drive Speed (Raised Position)

- Tools may be required to perform this procedure.

Proper drive functions are essential to safe machine operation. The drive function should respond quickly and smoothly to operator control. Drive performance should also be free of hesitation, jerking and unusual noise over the entire proportionally controlled speed range.

Perform this procedure with the machine on a firm, level surface that is free of obstructions.

1. Create start and finish lines by marking two lines on the ground 40 feet (12.2 meters) apart.
2. Turn the key switch to platform control. Pull out the platform and ground red Emergency Stop button to the on position.
3. Press the lift function select button.
4. Press and hold the function enable switch on the joystick.
5. Raise the platform approximately 6.5 feet (2 meters) from the ground.
6. Press the drive function select button.
7. Choose a point on the machine; i.e., contact patch of a tire, as a visual reference for use when crossing the start and finish lines.
8. Bring the machine to top drive speed before reaching the start line. Begin timing when your reference point on the machine crosses the start line.
9. Continue at full speed and note the time when your reference point on the machine passes over the finish line. Refer to specifications.

10) Check the Module Tray Latch Components

- Tools may be required to perform this procedure.
- New parts may be required to perform this procedure.

Maintaining the module tray latch components in good condition is essential to good performance and service life. Failure to detect worn out latch components may result in module trays opening unexpectedly, creating an unsafe operating condition.

1. Inspect each module tray rotary latch and related components for wear. Tighten any loose fasteners.
2. Lubricate each module tray rotary latch. Using light oil, apply a few drops to each of the springs and to the sides of the rotary latch mechanism.

11) Test the Down Limit Switch, the Pothole Limit Switches, and the Level Sensor

- Tools may be required to perform this procedure.

Maintaining the limit switches is essential to safe operation and good machine performance. Operating the machine with a faulty limit switch could result in reduced machine performance and a potentially unsafe operating condition.

Perform these procedures with the machine on a firm, level surface that is free of obstructions.

Level Sensor

1. Remove the platform controls from the platform.
2. Turn the key switch to platform control. Pull out the platform and ground red Emergency Stop button to the on position.
3. Press the drive function select button
4. Move the machine onto a grade which exceeds the rating of the level sensor. Refer to the serial plate on the machine.
5. Press the lift function select button. Standing on the up-hill side of the machine, attempt to raise the platform to approximately 94.5 inches (2.4 meters).
 - **Result:** The LED readout screen shows code LL, an alarm sounds, and the machine stops lifting after the pothole guards are deployed. The machine is functioning properly.
 - **Result:** The LED readout screen does not show code LL, the alarm does not sound and the machine will continue to lift the platform after the pothole guards are deployed. Adjust or replace the level sensor.
6. Press the drive function select button. Standing on the up-hill side of the machine, attempt to steer and drive the machine.
 - **Result:** The LED readout screen shows code LL, an alarm sounds, and the machine will not steer or drive. The machine is functioning properly.
 - **Result:** The LED readout screen does not show code LL, the alarm does not sound and the steer and drive functions operate. Adjust or replace the level sensor.

Pothole Limit Switches

1. Lower the platform to the stowed position. Move the machine onto a firm, level surface.
2. Place a wooden block approximately 5 inches (5 centimeters) tall under the right pothole guard.
3. Press the lift function select button. Attempt to raise the platform approximately 94.5 inches (2.4 meters).

- **Result:** The pothole guard contacts the block and does not fully deploy, the LED readout screen shows code 18, an alarm sounds and the platform will lift to 94.5 inches (2.4 meters) or beyond. The machine is functioning properly.
 - **Result:** The pothole guard contacts the block and does not fully deploy, the LED readout screen does not show code 18, the alarm does not sound and the machine will continue to lift the platform after the pothole guards are deployed. Adjust or replace the pothole limit switch.
4. Press the drive function select button. Attempt to steer or drive the machine.
 - **Result:** The LED readout screen shows code 18, an alarm sounds, and the machine will not steer or drive. The machine is functioning properly.
 - **Result:** The LED readout screen does not show code 18, the alarm does not sound and the steer and drive functions operate. Adjust or replace the down limit switch.
 5. Lower the platform to the stowed position and remove the block under the right pothole guard.
 6. Repeat this procedure beginning with step 2 for the left pothole guard.
 7. Lower the platform to the stowed position, remove the block under the left pothole guard.
 8. Turn off the machine.

Semi-annual Maintenance

The following maintenance should be done every 6 months or 500 hours of operation, whichever comes first.

1) Test the Platform Overload System

- Tools may be required to perform this procedure.
- Dealer service may be required to perform this procedure.

Testing the platform overload system regularly is essential to safe machine operation. Continued use of an improperly operating platform overload system could result in the system not sensing an overloaded platform condition. Machine stability could be compromised resulting in the machine tipping over.

The platform overload system is designed to prevent machine operation in the event the platform is overloaded. Models equipped with the platform overload option are provided with two additional machine control components: the overload pressure sensor and the platform height sensor.

The overload pressure transducer, located at the valve of the lift cylinder, is used to determine the pressure inside the lift cylinder.

The platform height sensor, located at the steer end of the chassis, battery side, is used to determine the height of the platform.

The overload pressure transducer and the platform height sensor provide the GCON with necessary information to determine the load in the platform.

Note: Perform this test from the ground with the platform controller. Do not stand in the platform.



WARNING

Perform this procedure with the machine on a firm, level surface.

1. Turn the key switch to platform control. Pull out the platform and ground red Emergency Stop button to the on position.
2. Determine the maximum platform capacity. Refer to serial plate and decals.
3. Using a suitable lifting device, place an appropriate test weight equal to the maximum platform capacity in the center of the platform floor.
 - **Result:** The overload alarm at the platform controls should not sound, indicating a normal condition.
 - **Result:** The overload alarm at the platform controls sounds. Calibrate the platform overload system.
4. Add an additional weight to the platform not to exceed 20% of the maximum rated load.
 - **Result:** The overload alarm at the platform controls sound, indicating a normal condition.
 - **Result:** The overload alarm at the platform controls does not sound. Calibrate the platform overload system.
5. Test all machine functions from the platform controls.
 - **Result:** All platform control functions should operate.

6. Turn the key switch to ground controls
7. Test all machine functions from the ground controls
 - **Result:** All ground control functions should not operate.
8. Lift the test weight off the platform floor using a suitable lifting device.
 - **Result:** The overload alarm at the platform controls should not sound, indicating a normal condition.
 - **Result:** The overload alarm at the platform controls sounds. Calibrate the platform overload system.
9. Test all machine functions from the ground controls.
 - **Result:** All ground control functions should operate.
10. Turn the key switch to platform controls.
11. Test all machine functions from the platform controls.
 - **Result:** All platform control functions should operate.

Annual Maintenance

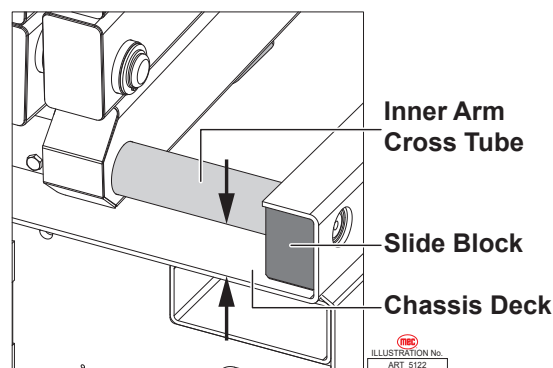
The following maintenance should be done every year or 1,000 hours of operation, whichever comes first.

1) Check the Scissor Arm Wear Pads

- Tools may be required to perform this procedure.
- New parts may be required to perform this procedure.

Maintaining the condition of the scissor arm wear pads is essential to safe machine operation. Continued use of worn out wear pads may result in component damage and unsafe operating conditions. Perform this procedure with the platform in the stowed position.

1. Measure the distance between the number one arm cross tube and the chassis deck at the ground controls side of the non-steer end of the machine.
 - **Result:** The measurement is 0.9 inches (23 millimeters) or more. Proceed to step 2.
 - **Result:** The measurement is less than 0.9 inches (23 millimeters) or more. Replace both wear pads.
2. Measure the distance between the number one arm cross tube and the chassis deck at the battery pack side of the non-steer end of the machine.
 - **Result:** The measurement is 0.9 inches (23 millimeters) or more. Proceed to step 3.
 - **Result:** The measurement is less than 0.9 inches (23 millimeters) or more. Replace both wear pads.
3. Apply a thin layer of dry film lubricant to the area of the chassis where the scissor arm wear pads make contact.



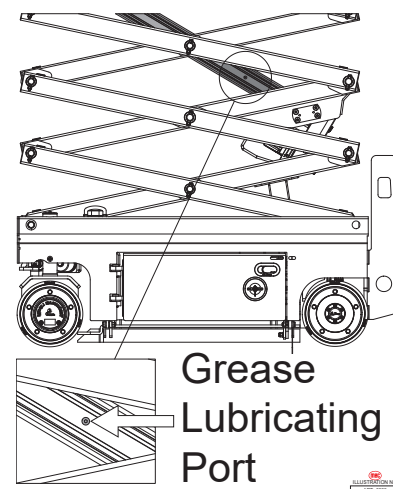
2) Inspect the Electric Lift Cylinder

- Tools may be required to perform this procedure.
- New parts may be required to perform this procedure.
- Dealer service may be required to perform this procedure.

Keeping the Electric Cylinder in good condition is essential to machine performance and service life. If the Electric Cylinder is not properly lubricated then it will negatively influence the machine performance, and with continued use, the Electric Cylinder can be damaged. This operation should be carried out more frequently under severe working conditions.

If the Electric Cylinder makes abnormal noise, please add the lubricating grease promptly.

1. Raise the platform to the position where the grease lubricating port is completely exposed.
2. Disconnect the battery pack from the machine, and let the machine stand for an hour at last.



3. Remove the plug from the lubricating grease port.
4. Add a moderate amount of Mobil SHC22 lubricating grease.
5. Clean any spilled or excess lubricating grease.
6. Install the battery pack, then raise and descend the platform several times. Inspect the condition of the machine.

Fault Codes

The LED readout screen displays fault codes that provide information about the machine operating status and about malfunctions. The fault codes listed in the following charts describe malfunctions and can aid in troubleshooting the machine by pinpointing the area or component affected.

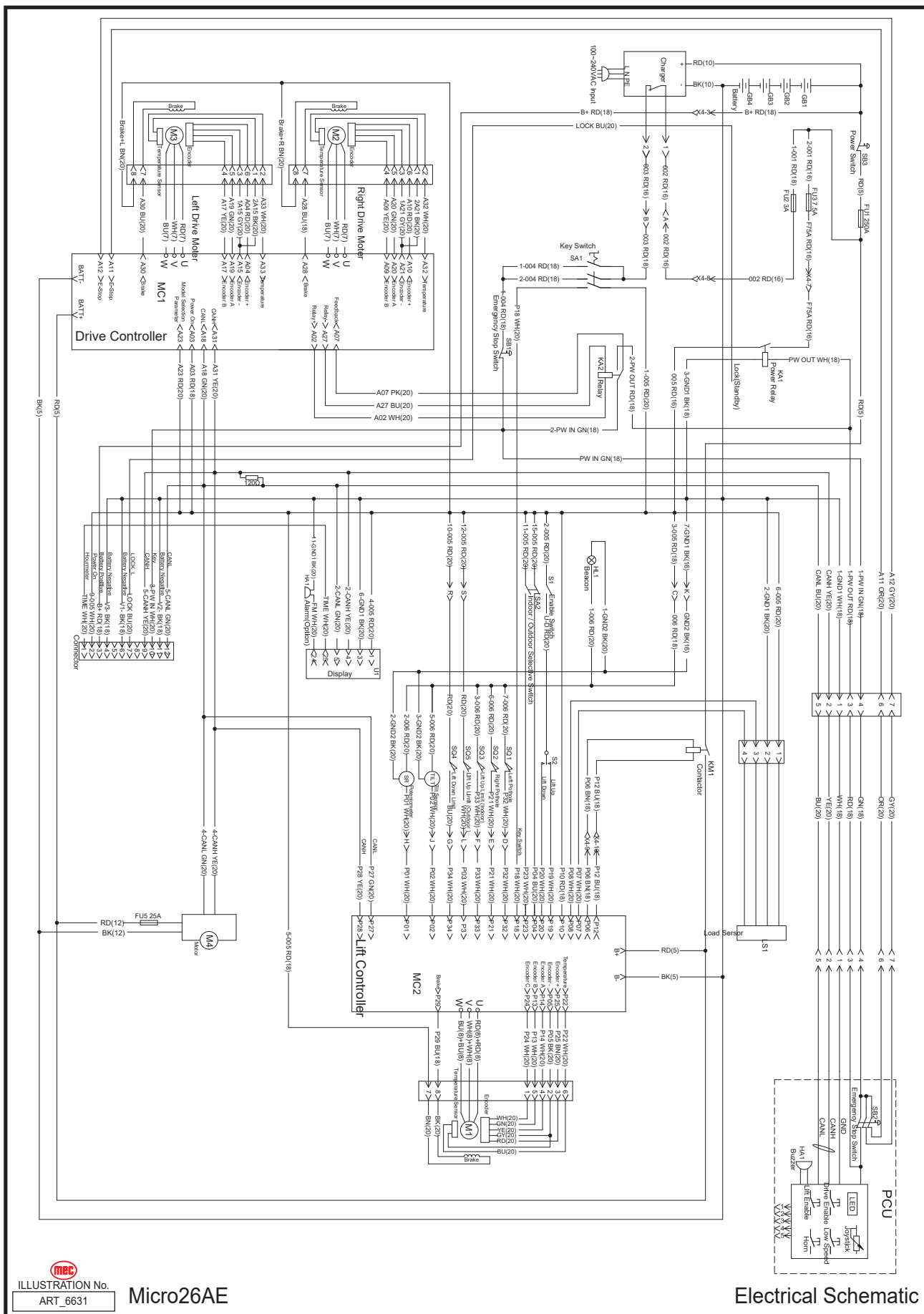


List of Fault Codes		
Display	Description	Lift Reaction
01 System Initialization Fault	System Initialization Fault	Disables All Motion
02 System Communication Fault	System Communication Fault	Disables All Motion
03 Invalid Option Setting Fault	Invalid Option Setting Fault	Disables All Motion
04 Calibration Incomplete	Calibration Incomplete	Warning Only
05 Left MC Fault	Left MC Fault	Disables All Motion
06 Right MC Fault	Right MC Fault	Disables All Motion
07 Lift MC Fault	Lift MC Fault	Disables All Motion
08 Steer MC Fault	Steer MC Fault	Disables All Motion
09 Left MC Communication Fault	Left MC Communication Fault	Disables All Motion
10 Right MC Communication Fault	Right MC Communication Fault	Disables All Motion
11 Pump MC Communication Fault	Pump MC Communication Fault	Disables All Motion
12 Steer MC Communication Fault	Steer MC Communication Fault	Disables All Motion
13 Chassis Up or Down Switch ON	Chassis Up or Down Switch ON	Disables All Motion
14 Load Sensor Communication Fault	Load Sensor Communication Fault	Disables All Motion
18 Pothole Guard Fault	Pothole Guard Fault	Disable Lifting and Driving
31 Load Sensor Fault	Load Sensor Fault	Disables All Motion
32 Angle Sensor Fault	Angle Sensor Fault	Disables All Motion
36 Low Battery Limp	Low Battery Limp	Drive speed limit
37 Battery Sleep	Battery Sleep	Warning Only
42 Platform Left Button ON	Platform Left Button ON	Warning Only
43 Platform Right Button ON	Platform Right Button ON	Warning Only
46 Platform Enable Button ON	Platform Enable Button ON	Disable Platform Control
47 Joystick Not In Neutral	Joystick Not In Neutral	Drive speed limit
68 Battery Low Voltage Fault	Battery Low Voltage Fault	Disables All Motion
80 Platform Load is over 80%	Platform Load is over 80%	Warning Only
90 Platform Load is over 90%	Platform Load is over 90%	Warning Only
99 Platform Load is over 99%	Platform Load is over 99%	Warning Only
100 Machine Inclined	Machine Inclined	Disable Lifting and Driving
100 Platform Overloaded	Platform Overloaded	Disable All Motion
101 Restore Parameters to Default	Restore Parameters to Default	Warning Only
102 Battery is draining	Battery is draining	Battery is draining

List of Fault Codes (Motor Controller)			
Display	Description	Display	Description
1037	Contactors Closed	2216	EB. Coil Open
1038	Contactors Open	2218	Sens Mot Temp KO
1060	Capacitor Charge	2220	Vkey Off Shorted

List of Fault Codes (Motor Controller)			
Display	Description	Display	Description
1062	TH. Protection	2223	Contactors Coil Short
1065	Motor Temperat.	2227	Current Sensor Fault
1066	Battery Low	2229	Hard Fault
1080	Forward and backward	2230	Contactors Coil Open
1153	Encoder Error	2248	No CAN Msg.
1175	Speed FB. Error	3037	Contactors Closed
1177	EB. Coil Short	3038	Contactors Open
1178	Motor Temp. Stop	3060	Capacitor Charge
1180	Overload	3062	TH. Protection
1196	Motor Phase Short	3065	Motor Temperat.
1200	Vdc Off Shorted	3066	Battery Low
1202	Vdc Link Overv.	3080	Forward and backward
1207	Motor Phase Open	3153	Encoder Error
1211	Stall Rotor	3175	Speed FB. Error
1212	Parameter Error	3177	EB. Coil Short
1216	EB. Coil Open	3178	Motor Temp. Stop
1218	Sens Mot Temp KO	3180	Overload
1220	Vkey Off Shorted	3196	Motor Phase Short
1223	Contactors Coil Short	3200	Vdc Off Shorted
1227	Current Sensor Fault	3202	Vdc Link Overv.
1229	Hard Fault	3207	Motor Phase Open
1230	Contactors Coil Open	3211	Stall Rotor
1248	No CAN Msg.	3212	Parameter Error
2037	Contactors Closed	3216	EB. Coil Open
2038	Contactors Open	3218	Sens Mot Temp KO
2060	Capacitor Charge	3220	Vkey Off Shorted
2062	TH. Protection	3223	Contactors Coil Short
2065	Motor Temperat.	3227	Current Sensor Fault
2066	Battery Low	3229	Hard Fault
2080	Forward and backward	3230	Contactors Coil Open
2153	Encoder Error	3248	No CAN Msg.
2175	Speed FB. Error	4038	Main Contactors Open
2177	EB. Coil Short	4062	TH. Protection
2178	Motor Temp. Stop	4180	Overload
2180	Overload	4202	Over Voltage Fault
2196	Motor Phase Short	4211	Stall Rotor
2200	Vdc Off Shorted	4220	Low Voltage Fault
2202	Vdc Link Overv.	4229	Hard Fault
2207	Motor Phase Open	5180	Overload
2211	Stall Rotor	5211	Stall Rotor
2212	Parameter Error		

Electrical Schematic



Parts Introduction

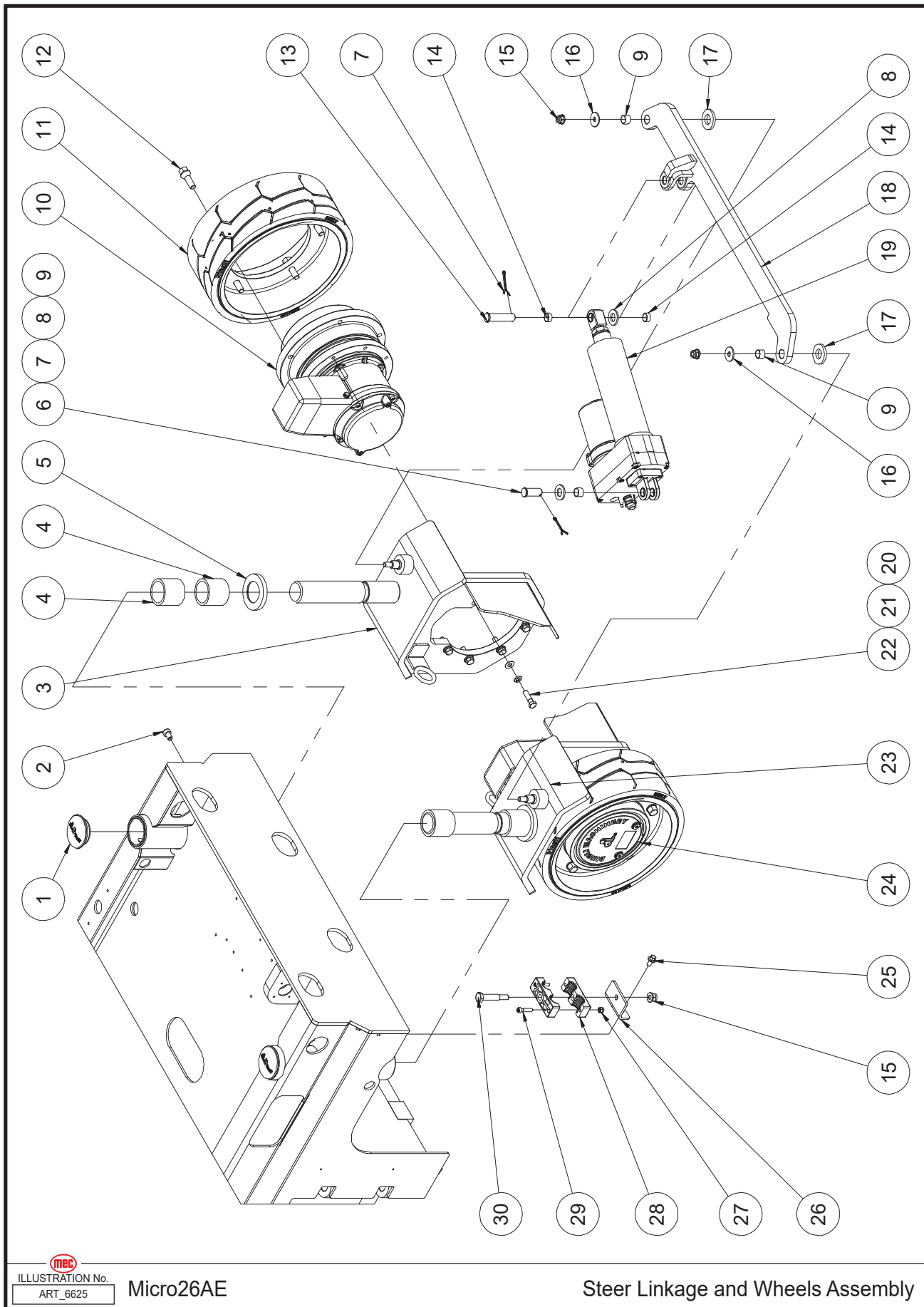
This Parts sections consists of illustrated parts sections and is designed to provide you, the customer, with illustrations and the list of associated parts needed to properly maintain the MEC self-propelled aerial work platform. When used in conjunction with the Service section in this manual and the Operator's Manual (provided separately), this manual will assist you in making necessary adjustments and repairs, and identifying and ordering the correct replacement parts.

All parts represented here are manufactured and supplied in accordance with MEC quality standards.

We recommend that you use genuine MEC parts to ensure proper operation and reliable performance.

To obtain maximum benefits from your MEC Aerial Work Platforms, always follow the proper operating and maintenance procedures. Only trained authorized personnel should be allowed to operate or service this machine. Service personnel should read and study the Operator's, and the Service and Parts Manuals in order to gain a thorough understanding of the unit prior to making any repairs.

Steer Linkage and Wheels Assembly



Item	Part Number	Description	Qty.
1	45422	Cover	2
2	41794	Screw	2
3	49191	Steer Yoke Weldment	1
4	49192	Bearing	4
5	49193	Washer	2
6	41321	Pin	1
7	43563	Cotter Pin	2
8	43564	Washer	2
9	41210	Bearing	3
10	45418	Left Drive Motor Assembly	1
--	47486	Left Motor Cover	1
--	47483	Drive Motor Assembly (Includes Motor, Reducer and Brake)	1
--	47490	Motor (With Brake)	1
--	46235	Reducer	1
--	46236	Brake	1
11	46237	Wheel	2
12	53509	Screw HHCS M12-1.50 × 40 ZP	10
13	49385	Pin	1
14	41225	Bearing	2
15	50311	Nut NNYL M10-1.50 Flange ZP	3
16	53375	WSHR M10 Flat Fender Washer ZP	2
17	41814	Washer	2
18	49386	Tie Rod	1
19	49387	Electric Steering Cylinder Assembly (HL)	1
--	49431	Electric Steering Cylinder Unit	1
--	49432	Motor	1
20	53317	WSHR 3/8 Standard Flat Narrow Washer ZP	14
21	53316	WSHR 3/8 Spring Washer ZP	14
22	53376	Screw HHCS 3/8-16 × 1 3/8 ZP	14
23	49195	Steer Yoke Weldment	1
24	45419	Right Drive Motor Assembly	1
--	47485	Right Motor Cover	1
--	47483	Drive Motor Assembly (Includes Motor, Reducer and Brake)	1
--	47490	Motor (With Brake)	1
--	46235	Reducer	1
--	46236	Brake	1
25	53194	Screw HHCS M08-1.25 × 16 Serrated Flange ZP	2
26	44343	Hose Clamp Support	1
27	50047	Nut NNYL M06-1.00 ZP	2
28	45313	Hose Clamp	2
29	53207	Screw SHCS M06-1.00 × 30 ZP	2
30	45420	Bolt	1

Pothole Protection Assembly

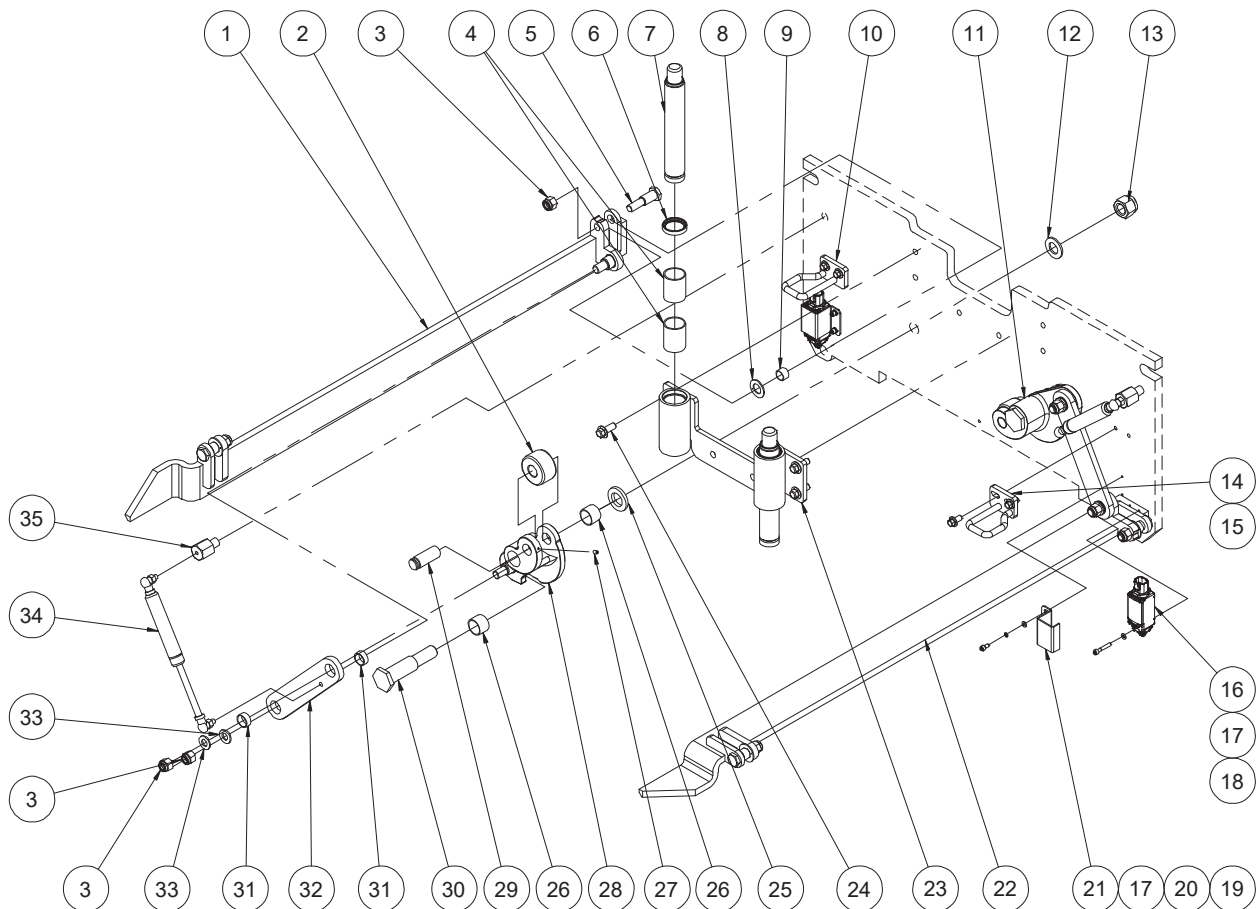


ILLUSTRATION No.
Art_6516

Micro26AE

Pothole Protection Assembly

Item	Part Number	Description	Qty.
1	49196	Pothole Guard Weldment	1
2	41049	Roller	2
3	50050	Nut NNYL M12-1.75	8
4	43568	Bearing	4
5	41604	Pin	4
6	44889	Seal	2
7	43569	Pothole Hole Pusher Assembly	2
8	41222	Bearing	4
9	41210	Bearing	4
10	41807	Lock Clasp	1
11	47093	Linkage Weldment	1
12	50005	WSHR M20 Standard Flat Washer	2
13	50052	Nut NNYL M20-2.50	2
14	41808	Lock Clasp	1
15	53194	Screw HHCS M08-1.25 × 16 Serrated Flange	4
16	46242	Limit Switch	2
17	53038	WSHR M05 Standard Flat Washer	8
18	53171	Screw SHCS M05-0.80 × 30	4
19	53173	Screw SHCS M05-0.80 × 10	4
20	53043	WSHR M05 Spring Washer	4
21	41035	Switch Cover	2
22	49197	Pothole Guard Weldment	1
23	49388	Pothole Guide	1
24	50429	Screw HHCS M10-1.50 × 25 Serrated Flange	6
25	41040	Washer	2
26	41046	Bearing	4
27	53283	Set Screw M05-0.80 × 10 Cone Point	2
28	47092	Linkage Weldment	1
29	41048	Pin	2
30	41047	Pin	2
31	41214	Bearing	4
32	49389	Pothole Link Plate	2
33	50003	WSHR M12 Standard Flat Washer	4
34	41045	Gas Shock	2
35	43573	Gas Shock Strut	2

Battery Pack Module

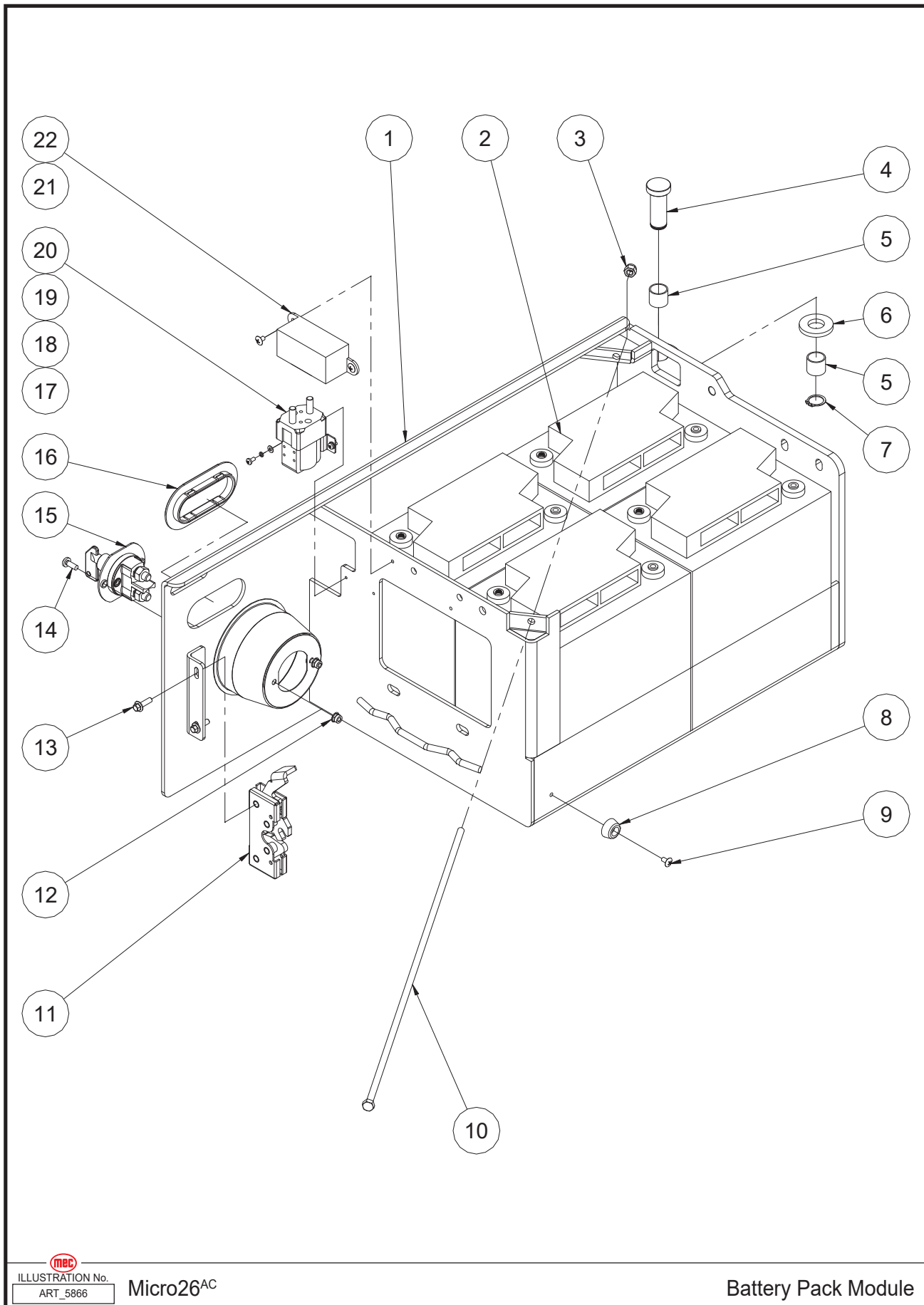


ILLUSTRATION No.
ART_5866

Micro26^{AC}

Battery Pack Module

Item	Part Number	Description	Qty.
1	46243	Battery Tray Weldment	1
2	46244	Battery	4
3	50048	Nut NNYL M08-1.25	1
4	41813	Hinge Pin	2
5	41037	Bearing	4
6	41814	Washer	2
7	43574	Circlips	2
8	41120	Bumper	1
9	53265	Screw THMS M05-0.80 × 10	1
10	41408	Threaded Rod	1
11	42896	Latch (Left)	1
12	50568	Nut NNYL M06-1.00 Flange	2
13	53255	Screw HHCS M06-1.00 × 20 Serrated Flange	2
14	53231	Screw PHMS M06-1.00 × 16	2
15	46245	Power Switch	1
16	41068	Handle Hole Ring	1
17	53276	Screw PHMS M04-0.70 × 8	2
18	53062	WSHR M04 Spring Washer	2
19	50284	WSHR M04 Standard Flat Washer	2
20	41331	Contactor	1
21	53451	Screw THMS M05-0.80 × 8	2
22	46246	250A Fuse Assembly	1
--	46247	250A Fuse	1
--	46248	Fuse Block	1

Power Unit Module

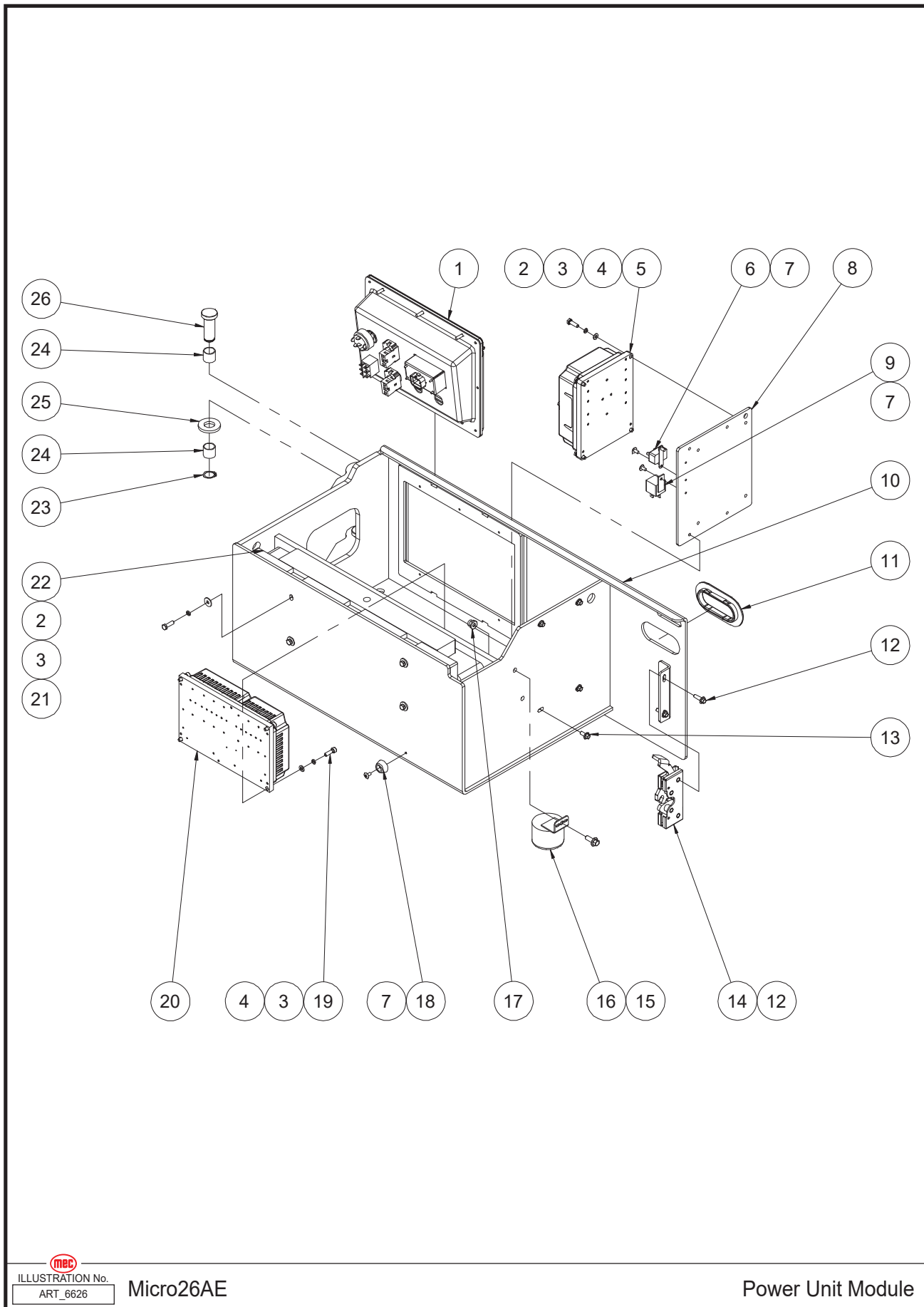


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ART_6626

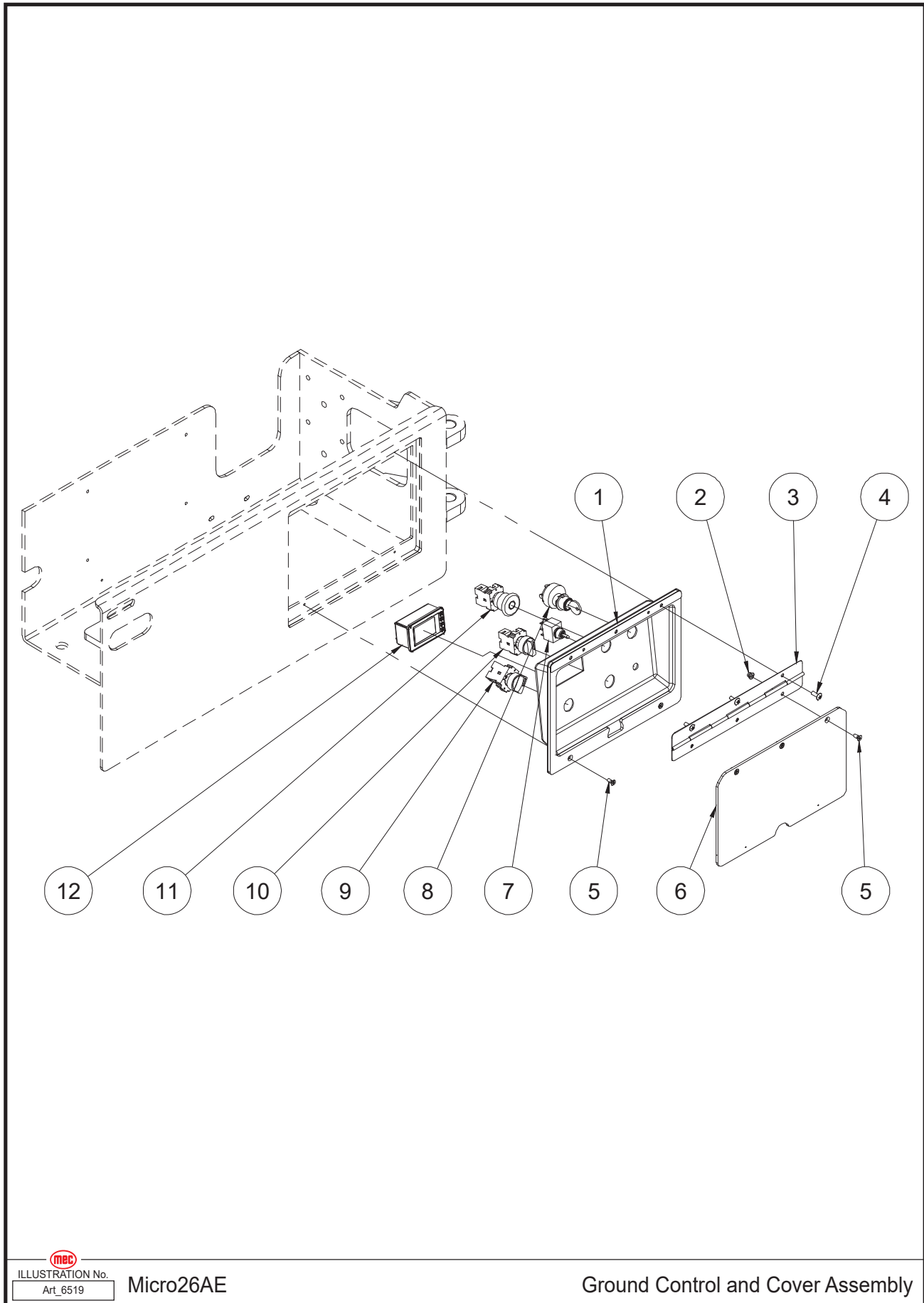
Micro26AE

Power Unit Module

Item	Part Number	Description	Qty.
1	REF	Ground Control and Cover Assembly (Refer to page 44)	1
2	50028	Screw HHCS M06-1.00 × 20 ZP	4
3	53046	WSHR M06 Spring Washer ZP	8
4	50000	WSHR M06 Standard Flat Washer ZP	8
5	45677	Motor Controller	1
6	44689	Circuit Breaker	1
7	53265	Screw THMS M05-0.80 × 10 ZP	4
8	49390	Mounting Plate	1
9	46252	Relay	1
10	49391	Hydraulic Tray Weldment	1
11	41068	Handle Hole Ring	1
12	53255	Screw HHCS M06-1.00 × 20 Serrated Flange ZP	2
13	53273	Screw HHCS M06-1.00 × 14 Serrated Flange ZP	4
14	41067	Latch (Right)	1
15	53257	Screw HHCS M08-1.25 × 20 Serrated Flange ZP	1
16	41074	Alarm	1
17	50313	Nut NNYL M08-1.25 Flange ZP	1
18	41120	Bumper	1
19	53124	Screw SHCS M06-1.00 × 20 ZP	4
20	45675	Motor Controller	1
21	50068	WSHR M06 Flat Fender Washer ZP	4
22	49392	Counterweight	1
23	43574	Circlips	2
24	41037	Bearing	4
25	41814	Washer	2
26	41813	Hinge Pin	2

REF – Reference

Ground Control and Cover Assembly



Item	Part Number	Description	Qty.
1	49393	Ground Control Bracket	1
2	53281	Nut NNYL M05-0.80 Flange	3
3	46256	Hinge	1
4	53223	Screw THMS M05-0.80 × 16	3
5	53279	Screw CSCS M05-0.80 × 12	5
6	46257	Cover	1
7	41419	Toggle Switch	1
8	41418	Key Switch	1
--	91574	Key	1
9	46755	Select Switch	1
--	43993	Select Switch Head	1
--	43097	Base with 1 NC Contact	1
10	46582	Select Switch	1
--	48156	Select Switch Head	1
--	43994	Base with 1 NO Contact	1
11	41422	Emergency Stop Switch	1
--	43098	Red Mushroom Head	1
--	43097	Base with 1 NC Contact	1
12	46583	Display	1

Rear Wheel and Ladder

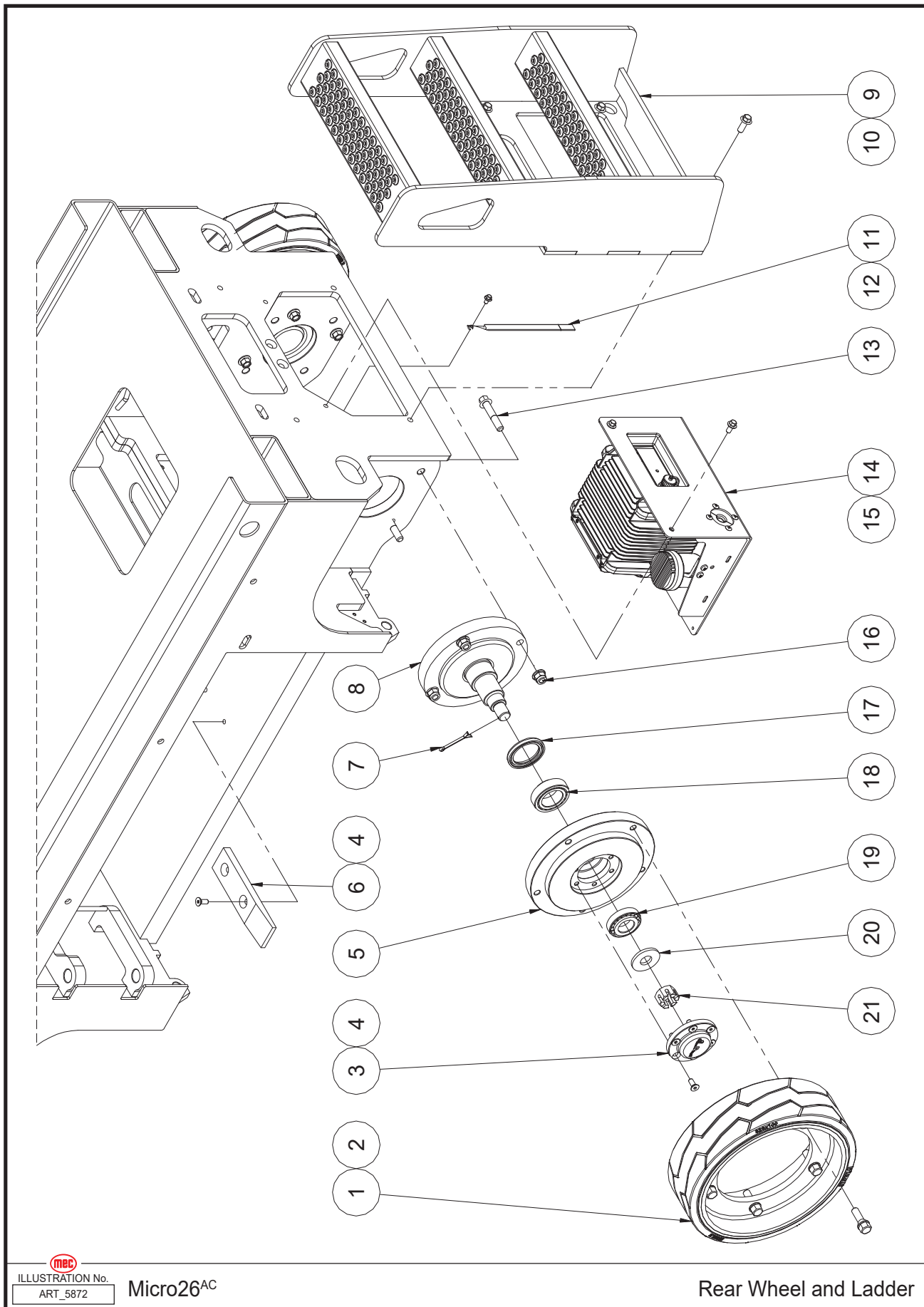


ILLUSTRATION No.
ART_5872

Micro26^{AC}

Rear Wheel and Ladder

Item	Part Number	Description	Qty.
1	46237	Wheel	2
2	53509	Screw HHCS M12-1.50 × 40	10
3	41328	Cap	2
4	53282	Screw CSCS M08-1.25 × 20	16
5	41025	Bearing Seat	2
6	41002	Spacer	2
7	43585	Cotter Pin	2
8	43586	Spindle	2
9	43587	Ladder	1
10	50429	Screw HHCS M10-1.50 × 25 Serrated Flange	4
11	41003	Ground Strap	1
12	53260	Screw HHCS M06-1.00 × 10 Serrated Flange	1
13	53290	Screw HHCS M12-1.75 × 65 Flange	8
14	REF	Charger Assembly (Refer to page 48)	1
15	53194	Screw HHCS M08-1.25 × 16 Serrated Flange	2
16	53261	Nut NNYL M12-1.75 Flange	8
17	43588	Seal	2
18	41029	Bearing	2
19	41024	Bearing	2
20	41304	Washer	2
21	53262	Castle Nut M22-1.50	2

REF – Reference

Charger Assembly

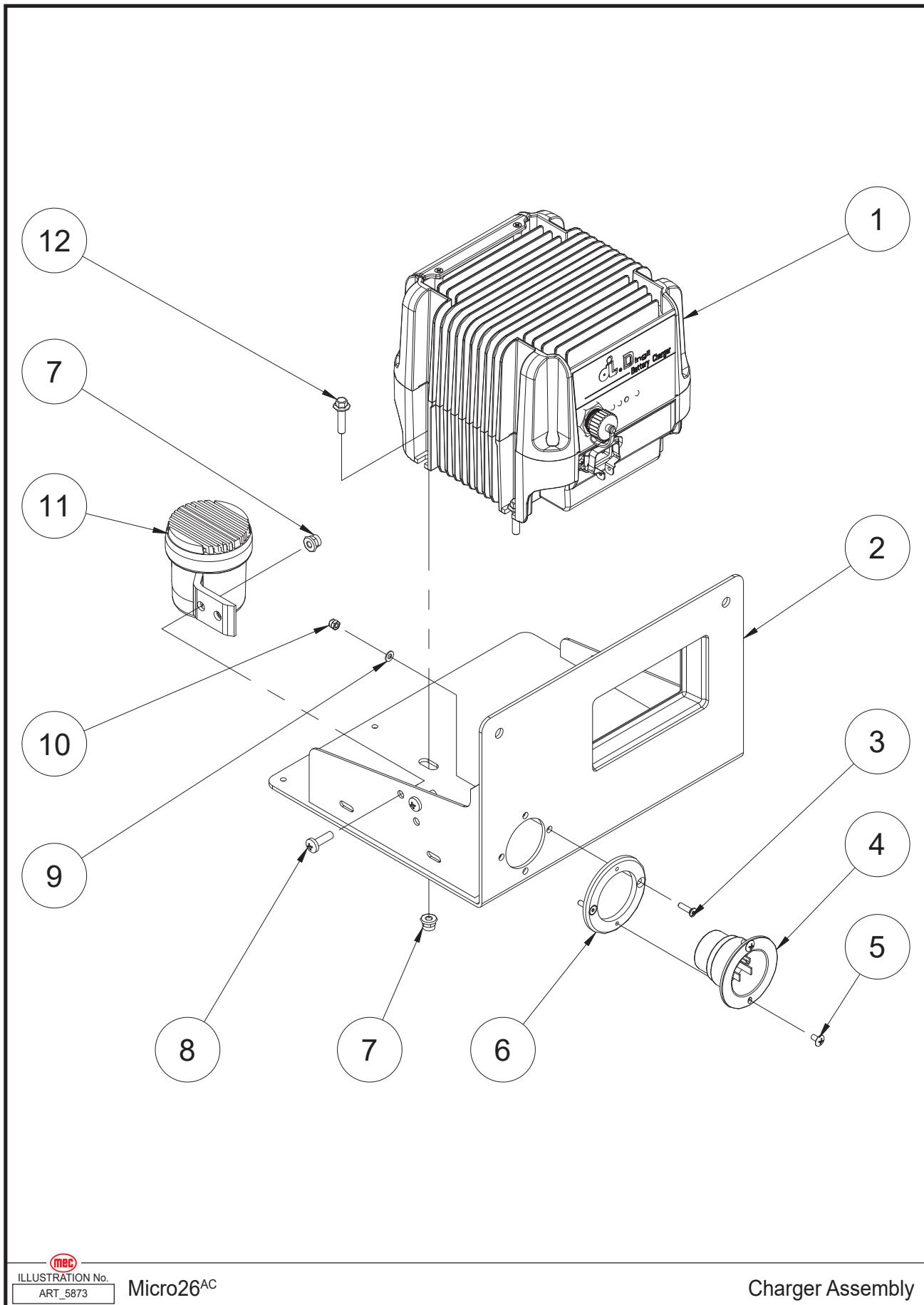


ILLUSTRATION No.
ART_5873

Micro26^{AC}

Charger Assembly

Item	Part Number	Description	Qty.
1	42903	Charger	1
2	46262	Charger Bracket Weldment	1
3	53221	Screw CSCS M04-0.70 × 16	2
4	41575	Plug	1
5	53263	Screw THMS M04-0.70 × 8	2
6	43591	Plug Bracket	1
7	50568	Nut NNYL M06-1.00 Flange	6
8	53264	Screw PHMS M06-1.00 × 20	2
9	50284	WSHR M04 Standard Flat Washer	2
10	50285	Nut NNYL M04-0.70	2
11	46263	Battery Alarm	1
12	53432	Screw HHCS M06-1.00 × 25 Serrated Flange	4

Chassis Components

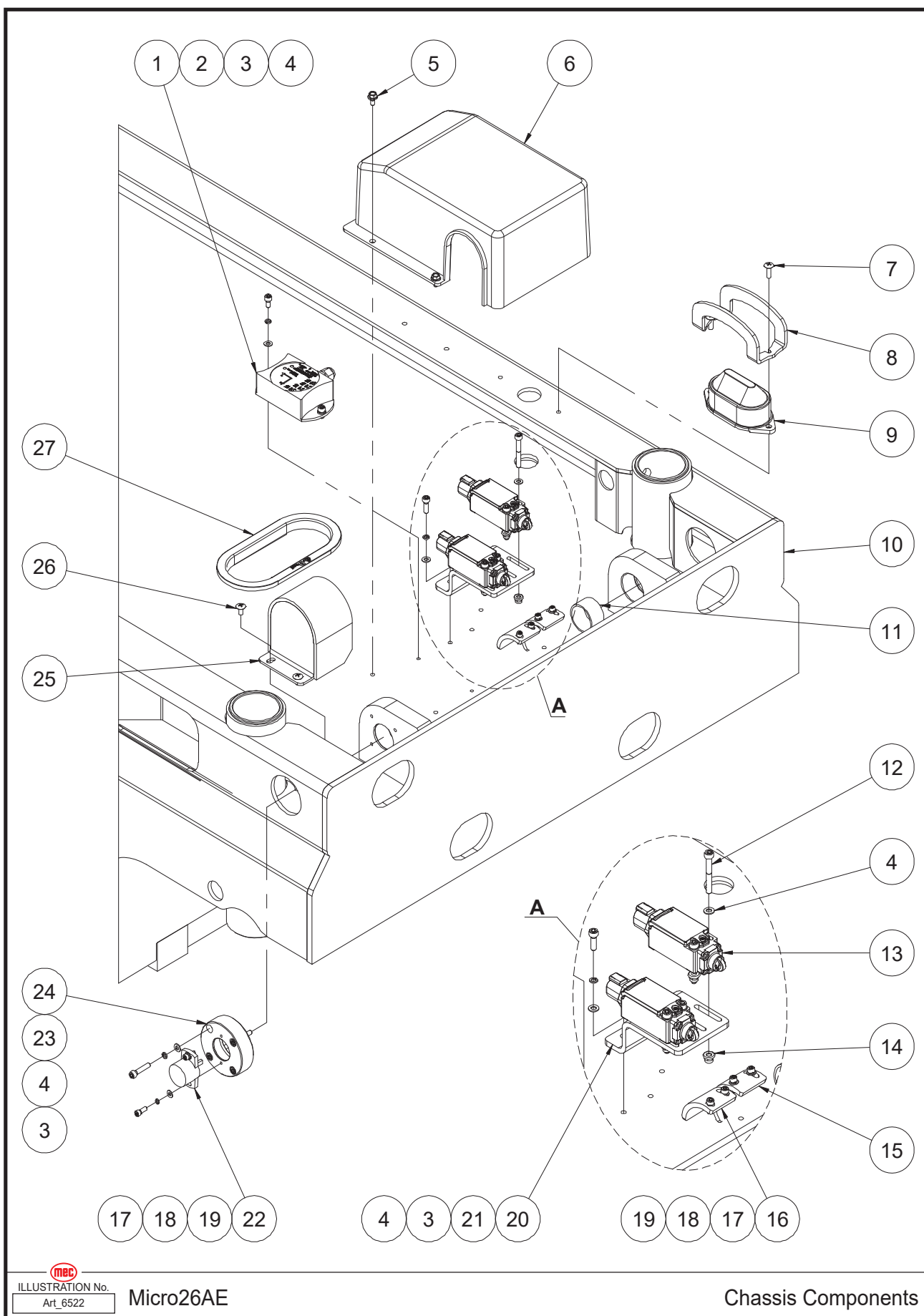


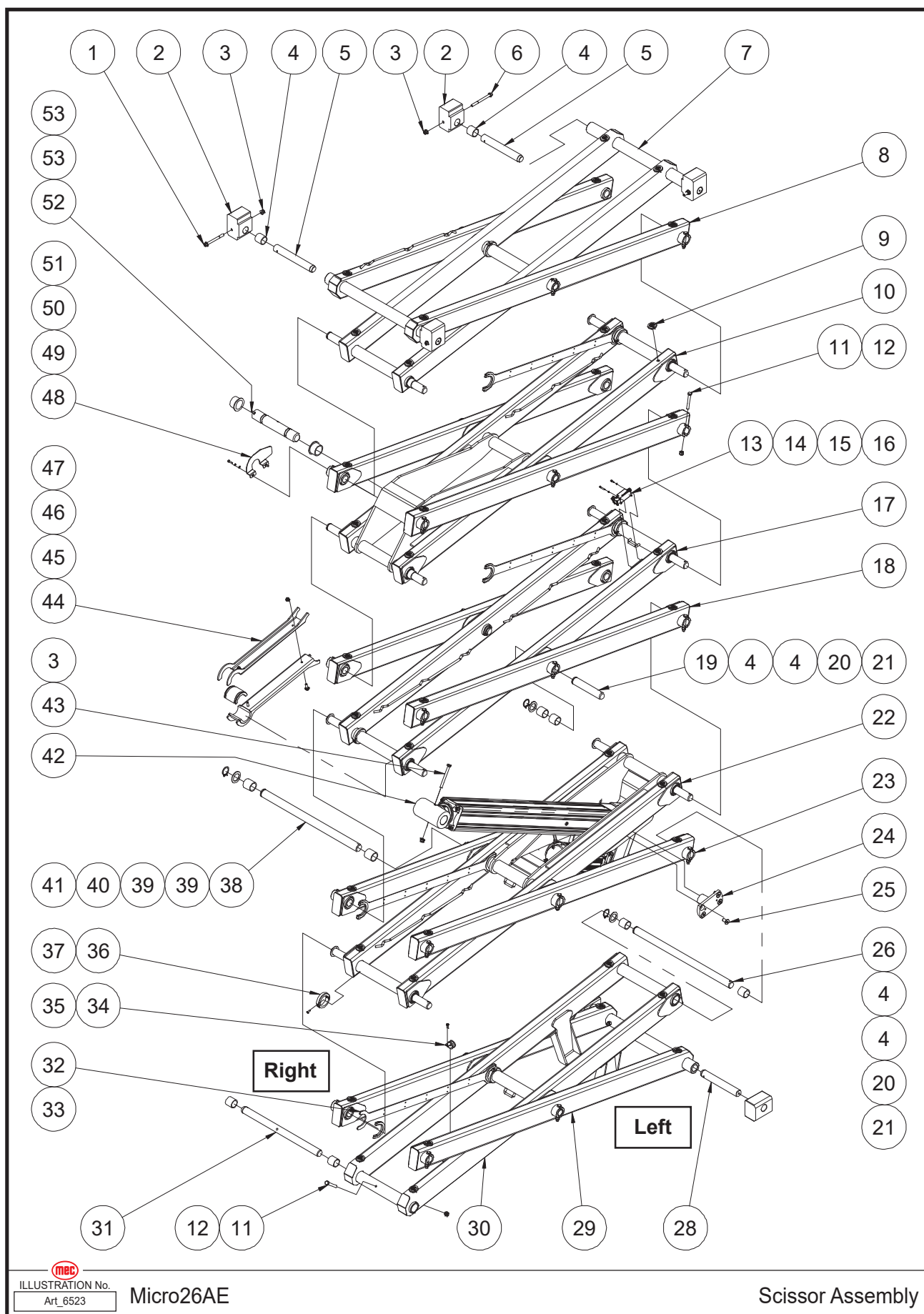
ILLUSTRATION No.
Art_6522

Micro26AE

Chassis Components

Item	Part Number	Description	Qty.
1	41098	Tilt Sensor	1
2	53173	Screw SHCS M05-0.80 × 10	2
3	53043	WSHR M05 Spring Washer	8
4	53038	WSHR M05 Standard Flat Washer	12
5	53449	Screw HHCS M05-0.80 × 10 Flange	4
6	44895	Cover	1
7	53223	Screw THMS M05-0.80 × 16	2
8	41309	Beacon Cover	1
9	46264	Beacon	1
10	49394	Frame Weldment	1
11	41051	Bearing	2
12	53067	Screw SHCS M05-0.80 × 40	4
13	46265	Limit Switch	2
14	53281	Nut NNYL M05-0.80 Flange	4
15	49201	Signal Plate 2	1
16	49141	Signal Plate 1	1
17	50423	Screw SHCS M04-0.70 × 12	6
18	53062	WSHR M04 Spring Washer	6
19	50284	WSHR M04 Standard Flat Washer	6
20	43593	Switch Bracket	1
21	50359	Screw SHCS M05-0.80 × 16	2
22	41195	Rotary Sensor	1
23	53356	Screw SHCS M05-0.80 × 25	4
24	46268	Sensor Bracket	1
25	49203	Sensor Cover	1
26	53265	Screw THMS M05-0.80 × 10	2
27	46270	Sheath 2	1

Scissor Assembly



Item	Part Number	Description	Qty.
1	53271	Screw HHCS M10-1.50 × 100 Flange	2
2	43607	Platform Slider	4
3	50311	Nut NNYL M10-1.50 Flange	5
4	49148	Bearing	32
5	41685	Pin	4
6	53267	Screw HHCS M10-1.50 × 110 Flange	2
7	49395	Inner Arm 5	1
8	49396	Outer Arm 5	1
9	41114	Block	40
10	49397	Inner Arm 4	1
11	50022	Screw HHCS M10-1.50 × 70	17
12	50049	Nut NNYL M10-1.50	17
13	42074	Limit Switch	1
14	50423	Screw SHCS M04-0.70 × 12	2
15	53115	Screw SHCS M04-0.70 × 25	2
16	53062	WSHR M04 Spring Washer	4
17	49398	Inner Arm 3	1
18	49399	Outer Arm 3	2
--	49400	Right Single Link 3	2
--	49401	Left Single Link 3	2
19	41689	Pin	2
20	41688	Washer	13
21	43597	Circlips	13
22	49402	Inner Arm 2	1
23	49403	Outer Arm 2	1
--	49404	Right Single Link	1
--	49405	Left Single Link	1
24	49406	Pin	2
25	53570	Screw CSCS M12-1.75 × 25	8
26	41686	Pin	11
27	41710	Chassis Slider	2
28	41692	Pin	2
29	49408	Outer Arm 1	1
30	49409	Inner Arm 1	1
31	46276	Pin	1
32	43595	Cable Bridge	4
33	44533	Clamp 2	8
34	45745	Clamp	1
35	53380	Screw SHCS M06-1.00 × 12	1
36	44884	Collar	6
37	53269	Screw CSCS M05-0.80 × 16	6
38	49410	Pin	1
39	49411	Bearing	2
40	49056	Washer	1

41	42848	Circlips	1
42	REF	Electric Lifting Cylinder Assembly (Refer to page 56)	1
43	50243	Screw HHCS M10-1.50 × 100	1
44	41615	Safety Arm	2
45	53270	Screw HHCS M08-1.25 × 25 Serrated Flange	2
46	50313	Nut NNYL M08-1.25 Flange	2
47	41616	Safety Arm Bushing	2
48	45739	Harness Plate	1
49	50359	Screw SHCS M05-0.80 × 16	2
50	53043	WSHR M05 Spring Washer	2
51	53038	WSHR M05 Standard Flat Washer	2
52	49412	Pin	1
53	49413	Bearing	2

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Electric Lifting Cylinder Assembly

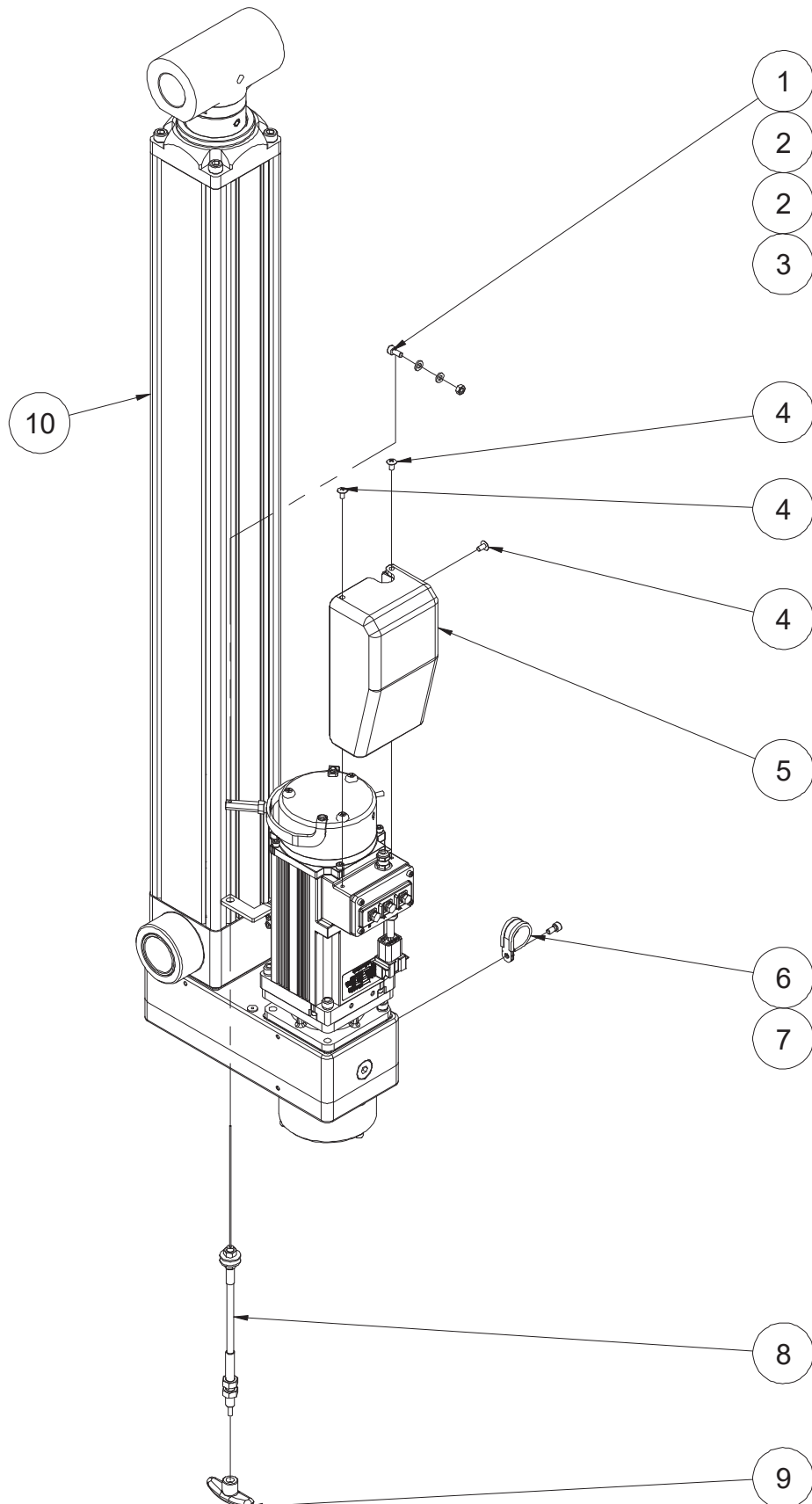


ILLUSTRATION No.
Art_6524

Micro26AE

Electric Lifting Cylinder Assembly

Item	Part Number	Description	Qty.
1	42466	Screw	1
2	50000	WSHR M06 Standard Flat Washer ZP	2
3	53361	Nut NHEX M06-1.00 ZP	1
4	53265	Screw THMS M05-0.80 × 10 ZP	3
5	49414	Motor Cover	1
6	45745	Clamp	1
7	53380	Screw SHCS M06-1.00 × 12 ZP	1
8	49415	Emergency Down Cable Assembly	1
9	43367	Lowering Knob	1
10	49416	Electric Cylinder Assembly	1
--	49417	Electric Lifting Cylinder Unit	1
--	45743	Reducer	1
--	45744	Motor (With Brake)	1
--	49418	Brake	1

Main Platform Assembly

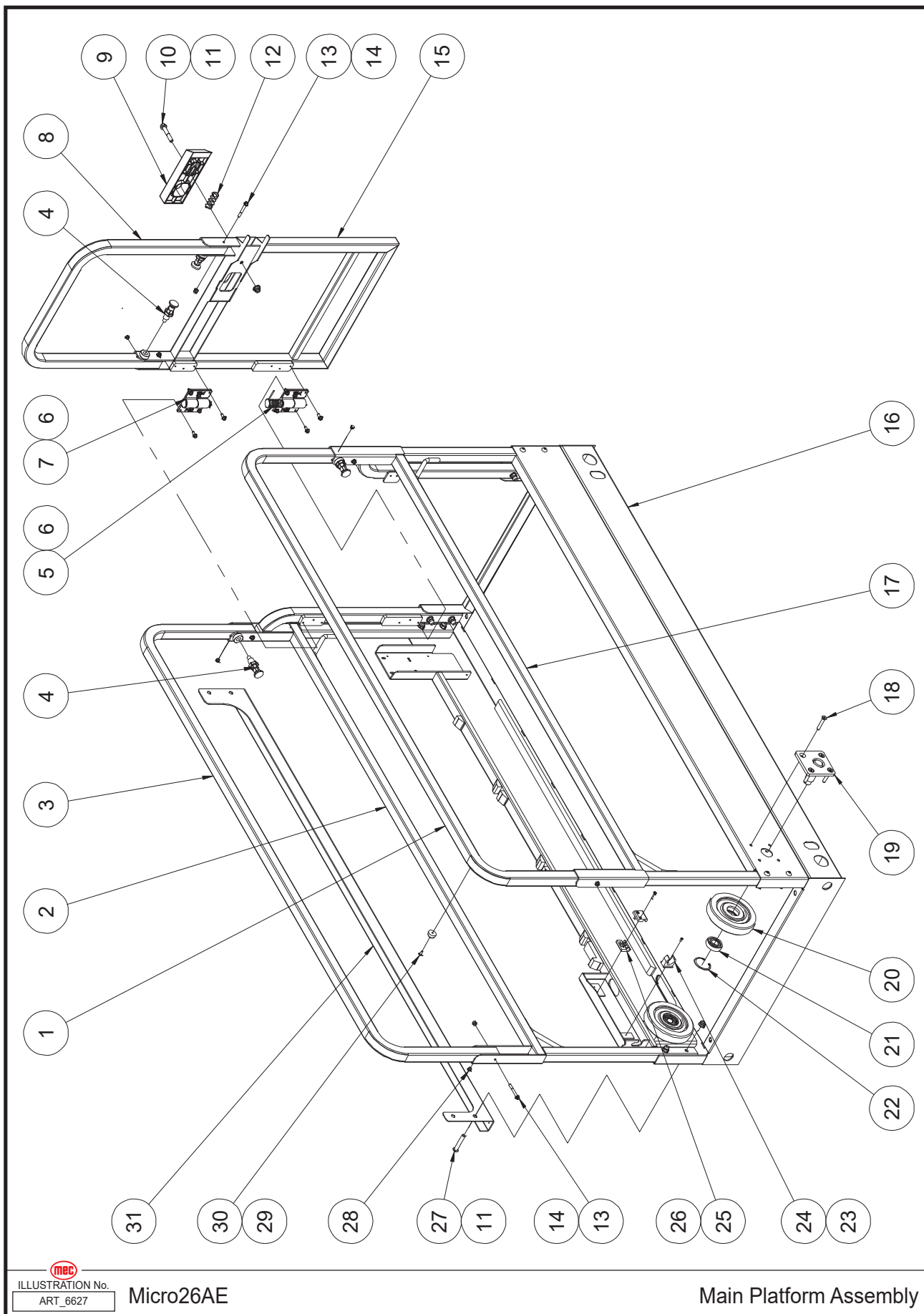


ILLUSTRATION No.
ART_6627

Micro26AE

Main Platform Assembly

Item	Part Number	Description	Qty.
1	46280	Upper Main Rail, Left	1
2	46281	Lower Main Rail, Right	1
3	46282	Upper Main Rail, Right	1
4	43337	Lock Pin	4
5	41128	Hinge B	1
6	53273	Screw HHCS M06-1.00 × 14 Serrated Flange ZP	12
7	41127	Hinge A	1
8	43613	Door Rail	1
9	41124	Latch Handle	1
10	53272	Screw HHCS M10-1.50 × 55 Flange ZP	1
11	50311	Nut NNYL M10-1.50 Flange ZP	13
12	41125	Spring	1
13	53274	Screw HHCS M06-1.00 × 50 Flange ZP	6
14	50568	Nut NNYL M06-1.00 Flange ZP	6
15	43614	Entry Gate	1
16	46283	Main Deck Weldment	1
17	46284	Lower Main Rail, Left	1
18	53275	Screw CSCS M08-1.25 × 45 ZP	8
19	41270	Roller Bracket	2
20	43617	Roller	2
21	41131	Bearing	2
22	43618	Circlips	2
23	53276	Screw PHMS M04-0.70 × 8 ZP	1
24	41134	Clip	1
25	41059	Wire Clip	2
26	53278	Screw SHCS M04-0.70 × 20 ZP	2
27	53277	Screw BHCS M10-1.50 × 55 ZP	12
28	45339	Hole Plug	6
29	41120	Bumper	1
30	53224	Screw THMS M05-0.80 × 12 ZP	1
31	48387	Sheet Material Tray	1

Platform Extension Deck

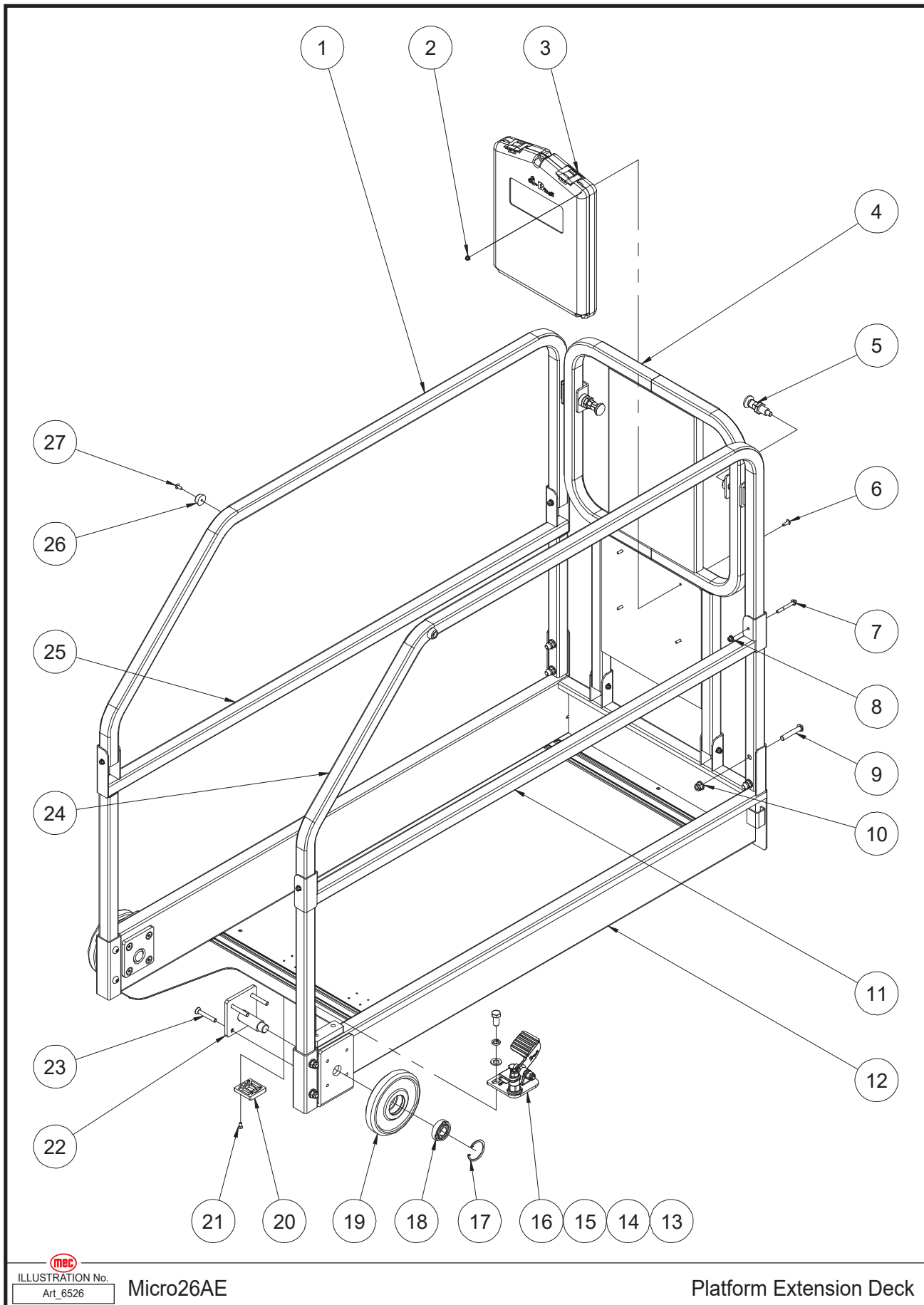


ILLUSTRATION No.
Art. 6526

Micro26AE

Platform Extension Deck

Item	Part Number	Description	Qty.
1	46285	Upper Extension Rail, Left	1
2	53281	Nut NNYL M05-0.80 Flange	4
3	43319	Manual Box	1
4	46286	Front Rail	1
5	43337	Inserted Pin	2
6	53223	Screw THMS M05-0.80 × 16	4
7	53274	Screw HHCS M06-1.00 × 50 Flange	7
8	50568	Nut NNYL M06-1.00 Flange	7
9	53277	Screw BHCS M10-1.50 × 55	8
10	50311	Nut NNYL M10-1.50 Flange	8
11	41626	Lower Extension Rail, Right	1
12	46287	Extension Deck Weldment	1
13	50038	Screw HHCS M12-1.75 × 25	2
14	53148	WSHR M12 Spring Washer	2
15	50003	WSHR M12 Standard Flat Washer	2
16	REF	Platform Locking Device Assembly (Refer to page 62)	1
17	43618	Circlips	2
18	41131	Bearing	2
19	41141	Roller	2
20	41284	Slide Pad	2
21	53279	Screw CPCS M05-0.80 × 12	8
22	41360	Roller Bracket	2
23	53280	Screw CPCS M08-1.25 × 55	8
24	46288	Upper Extension Rail, Right	1
25	41625	Lower Extension Rail, Left	1
26	41120	Bumper	3
27	53224	Screw THMS M05-0.80 × 12	3

REF – Reference

Platform Locking Device Assembly

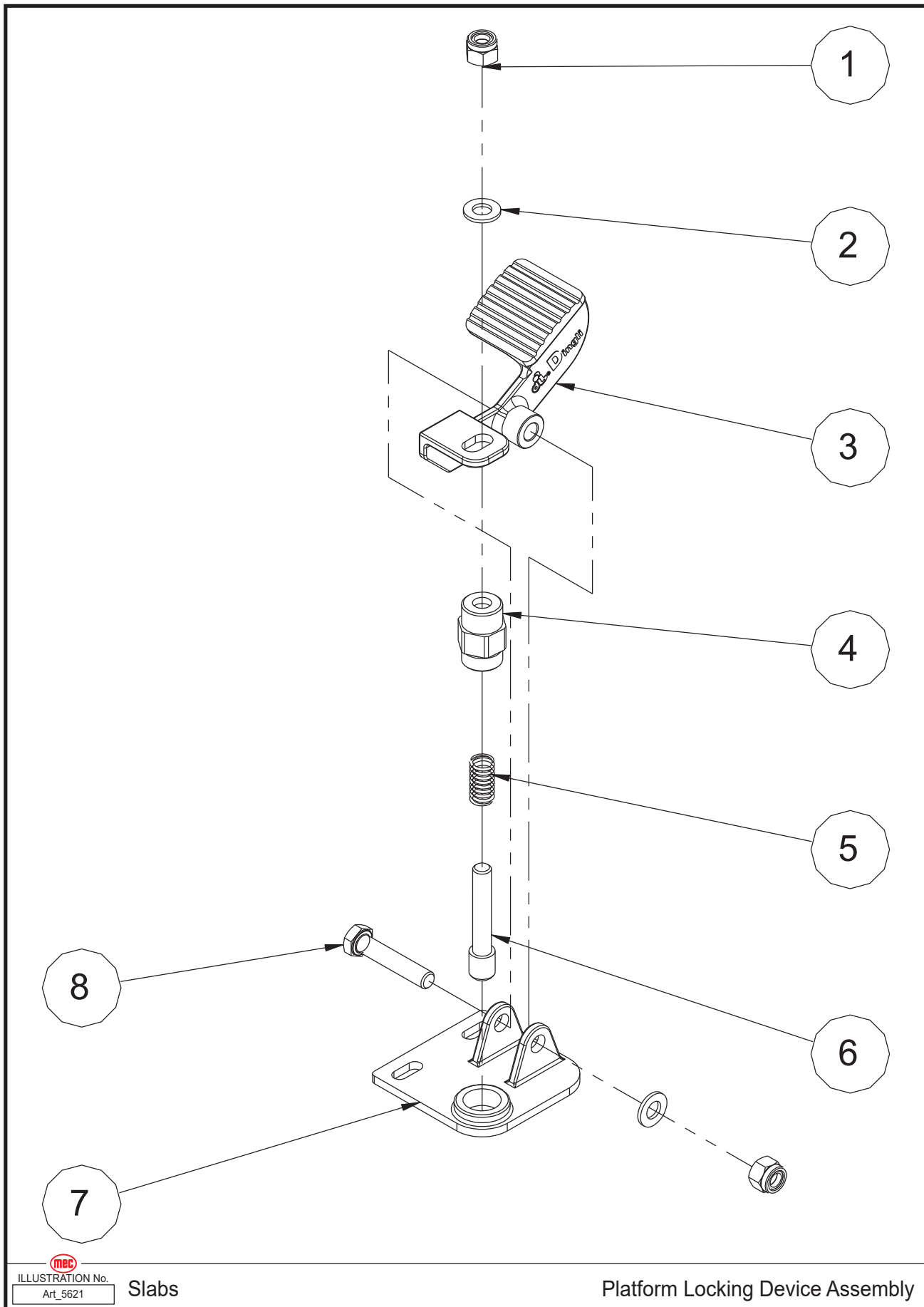


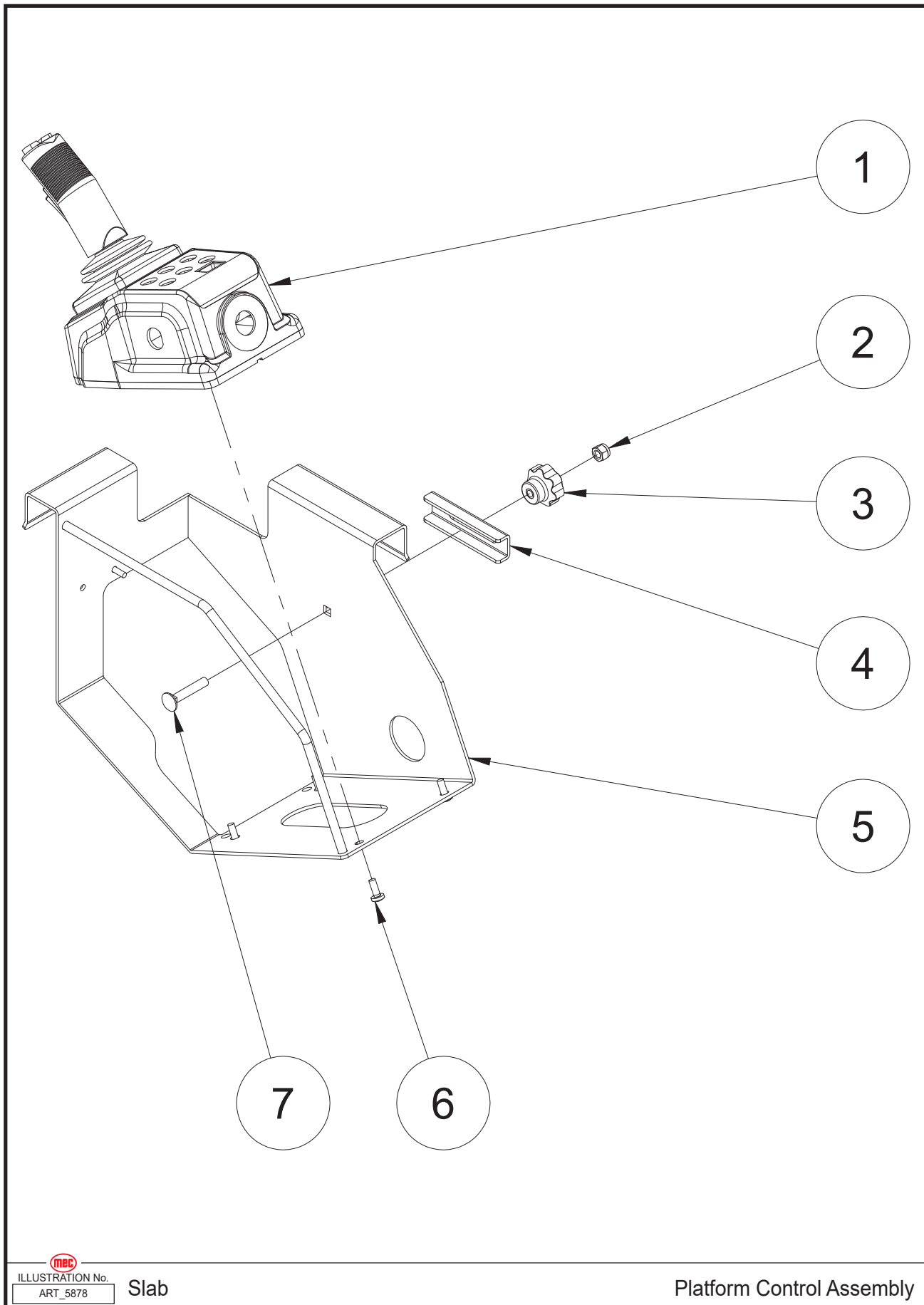
ILLUSTRATION No.
Art_5621

Slabs

Platform Locking Device Assembly

Item	Part Number	Description	Qty.
--	44599	Platform Locking Device Assembly	1
1	50049	Nut NNYL M10-1.50	2
2	50002	WSHR M10 Standard Flat Washer	2
3	41143	Foot Pedal	1
4	41144	Lock Pin Housing	1
5	41145	Spring	1
6	41146	Lock Pin	1
7	44767	Bracket	1
8	50020	Screw HHCS M10-1.50 × 50	1

Platform Control Assembly



Item	Part Number	Description	Qty.
1	46315	Platform Control Box Assembly (Refer to page 66)	1
2	50048	Nut NNYL M08-1.25	1
3	42501	Handle	1
4	42500	Locating Plate	1
5	41764	Platform Control Box Mount Bracket	1
6	53231	Screw PHMS M06-1.00 × 16	4
7	53248	Screw CARB M08-1.25 × 45	1

REF – Reference

Platform Control Box Assembly

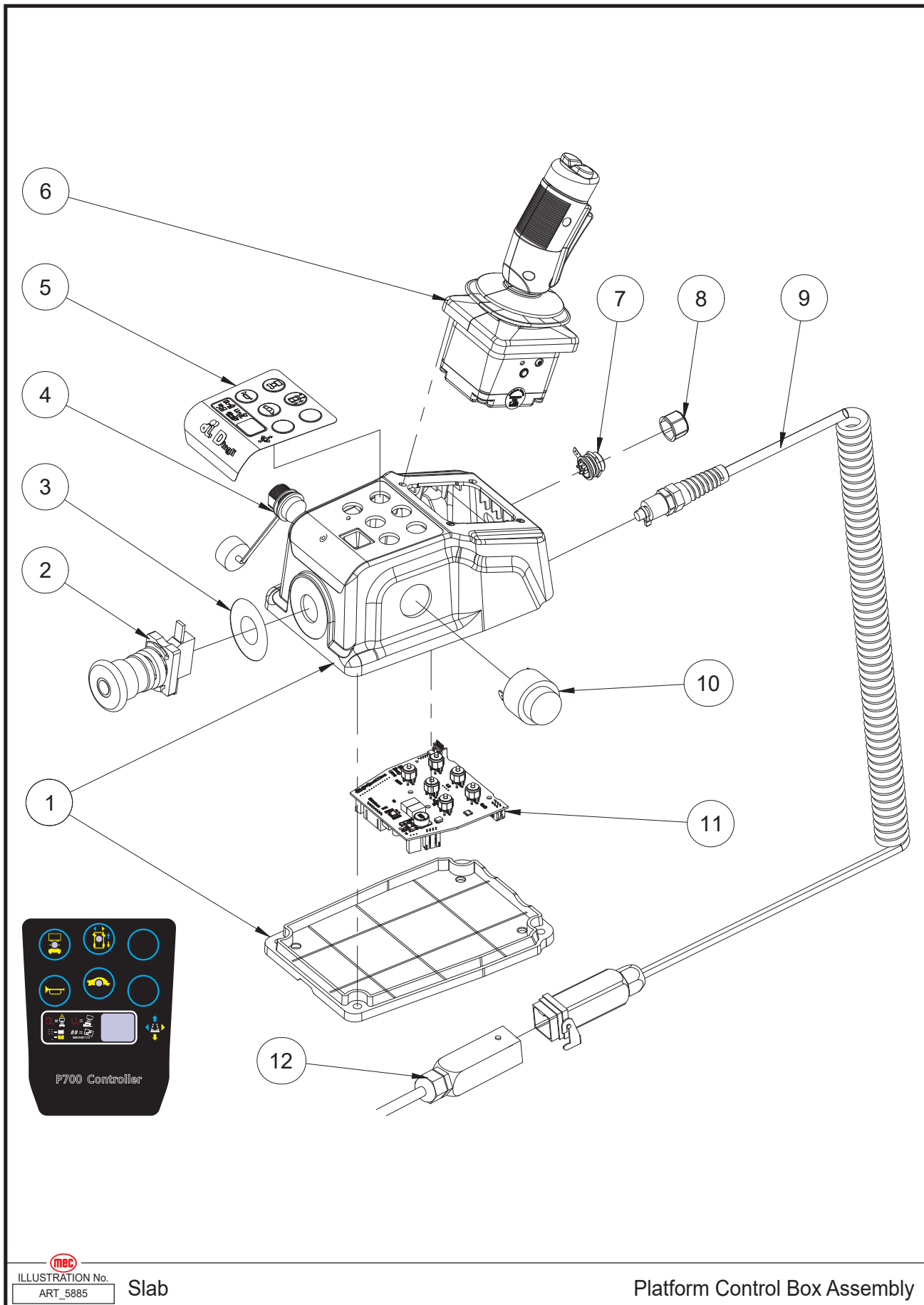


ILLUSTRATION No.
ART_5885

Slab

Platform Control Box Assembly

Item	Part Number	Description	Qty.
1	44768	Shell Components	1
2	41157	Emergency Stop Switch	1
--	43632	Red Mushroom Head	1
--	43633	Base with 1 NO Contact	1
3	42915	Decal, Emergency Stop Panel	1
4	44769	USB Cable	1
5	44797	Decal, Platform Control Panel	1
6	46289	Joystick	1
--	43621	Function Enable Switch	1
--	46290	Joystick Cover	1
--	43622	Joystick Steer Switch	1
--	43623	Switch Boot	1
7	44770	Connector	1
8	44771	Connector Cap	1
9	44772	Coil Cord	1
--	44773	Hood	1
--	44774	Female Insert	1
--	44775	Female Contacts	5
--	43627	Cable Gland	1
10	41568	Alarm	1
11	44776	PCU Main Board	1
12	46334	Platform Control Box Harness	1
--	44778	Housing	1
--	44779	Male Insert	1
--	44780	Male Contacts	5
--	43627	Cable Gland	1

Electrical Harness

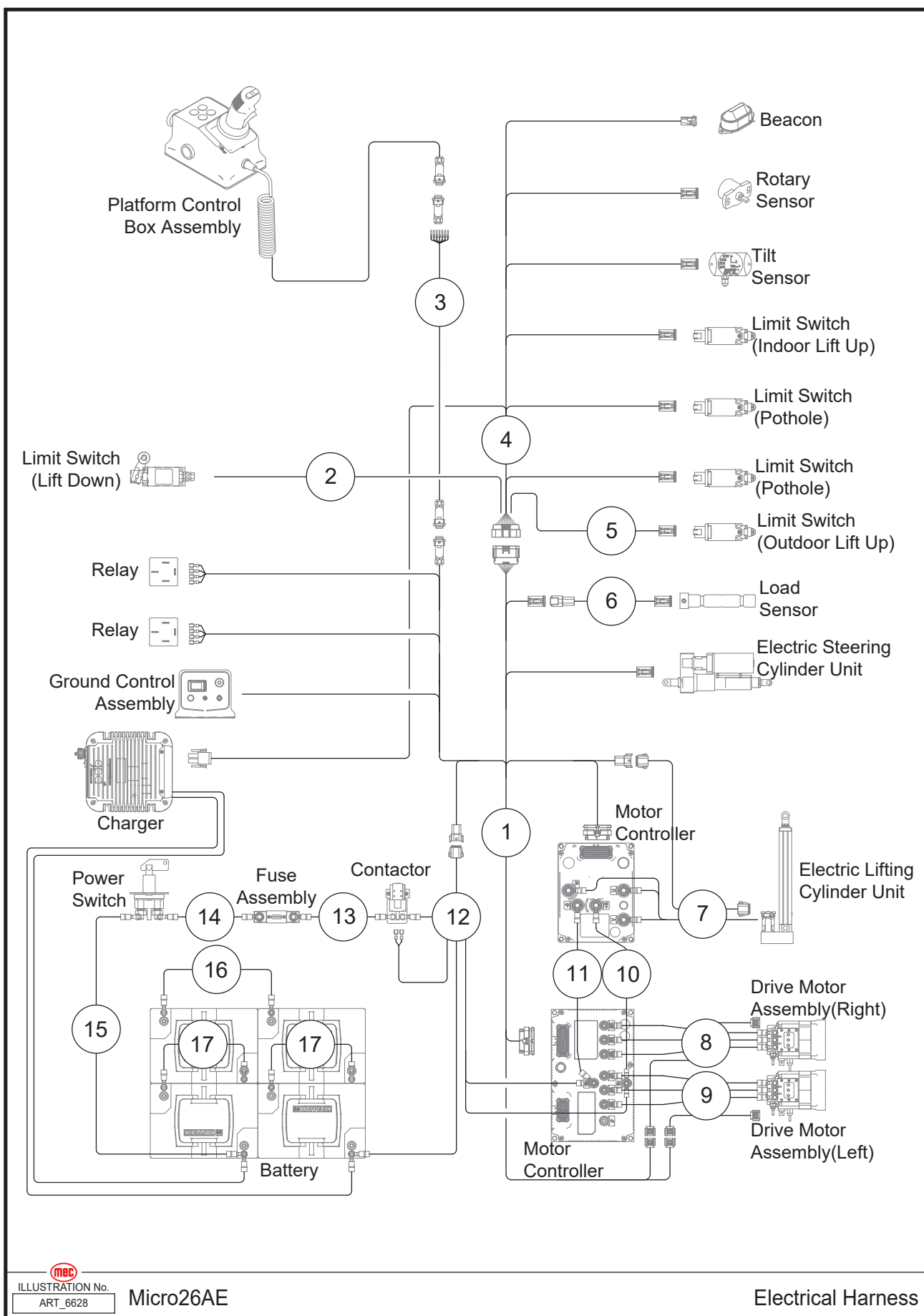


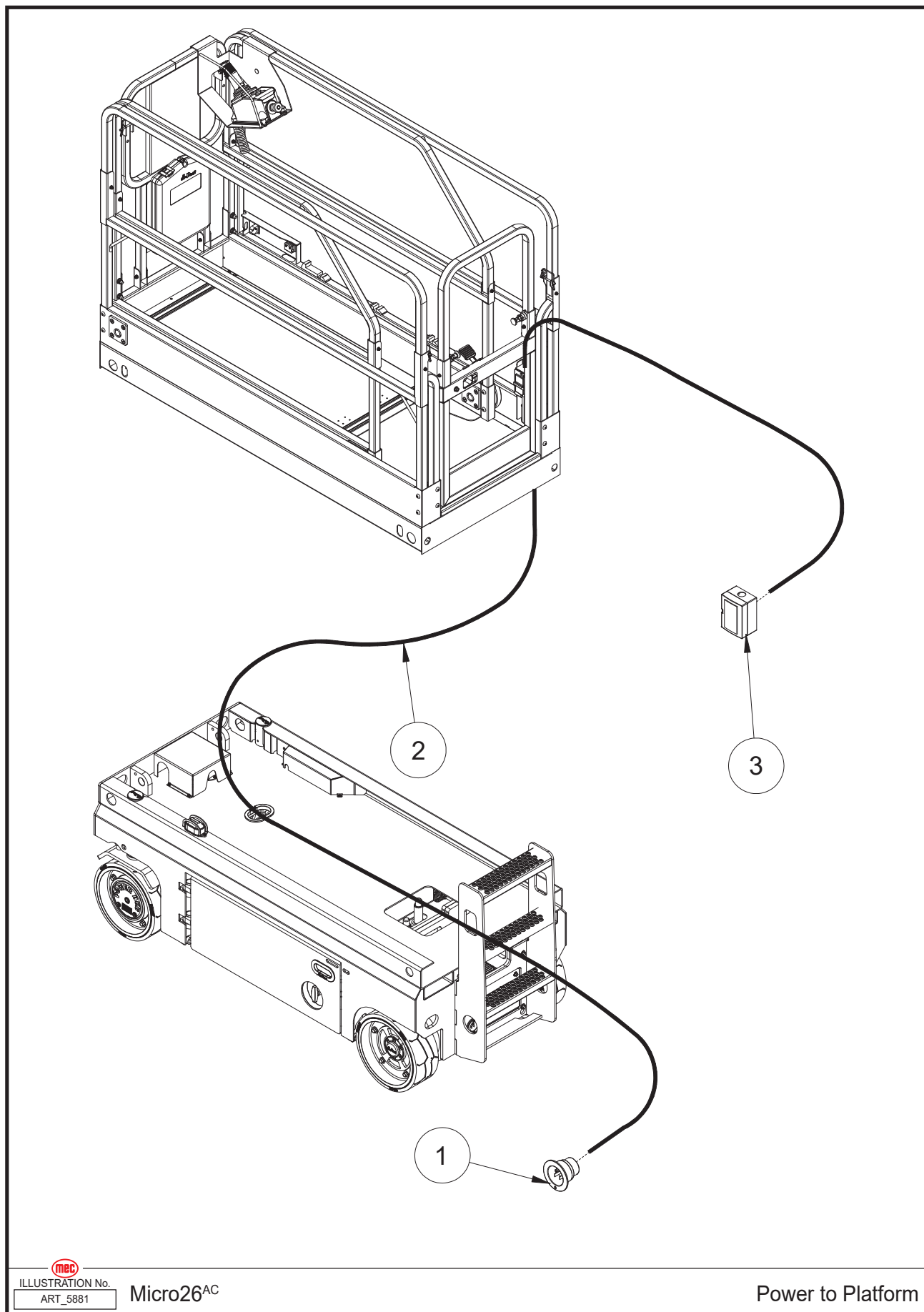
ILLUSTRATION No.
ART_6628

Micro26AE

Electrical Harness

Item	Part Number	Description	Qty.
1	49419	ECU Harness	1
2	49420	Lift Down Limit Switch Harness	1
3	46291	Platform Control Box Harness	1
4	49421	Sensor and Limit Harness	1
5	49422	Outdoor Lift Up Limit Harness	1
6	49423	Load Sensor Harness	1
7	49424	Lift Motor Harness	1
8	49425	Drive Motor Harness, Right	1
9	49426	Drive Motor Harness, Left	1
10	49427	Lift Motor Controller Positive Harness	1
11	49428	Lift Motor Controller Negative Harness	1
12	49429	Power Harness	1
13	49430	Power Harness	1
14	46309	Power Harness	1
15	46311	Power Harness	1
16	45412	Battery Harness	1
17	45411	Battery Harness	2

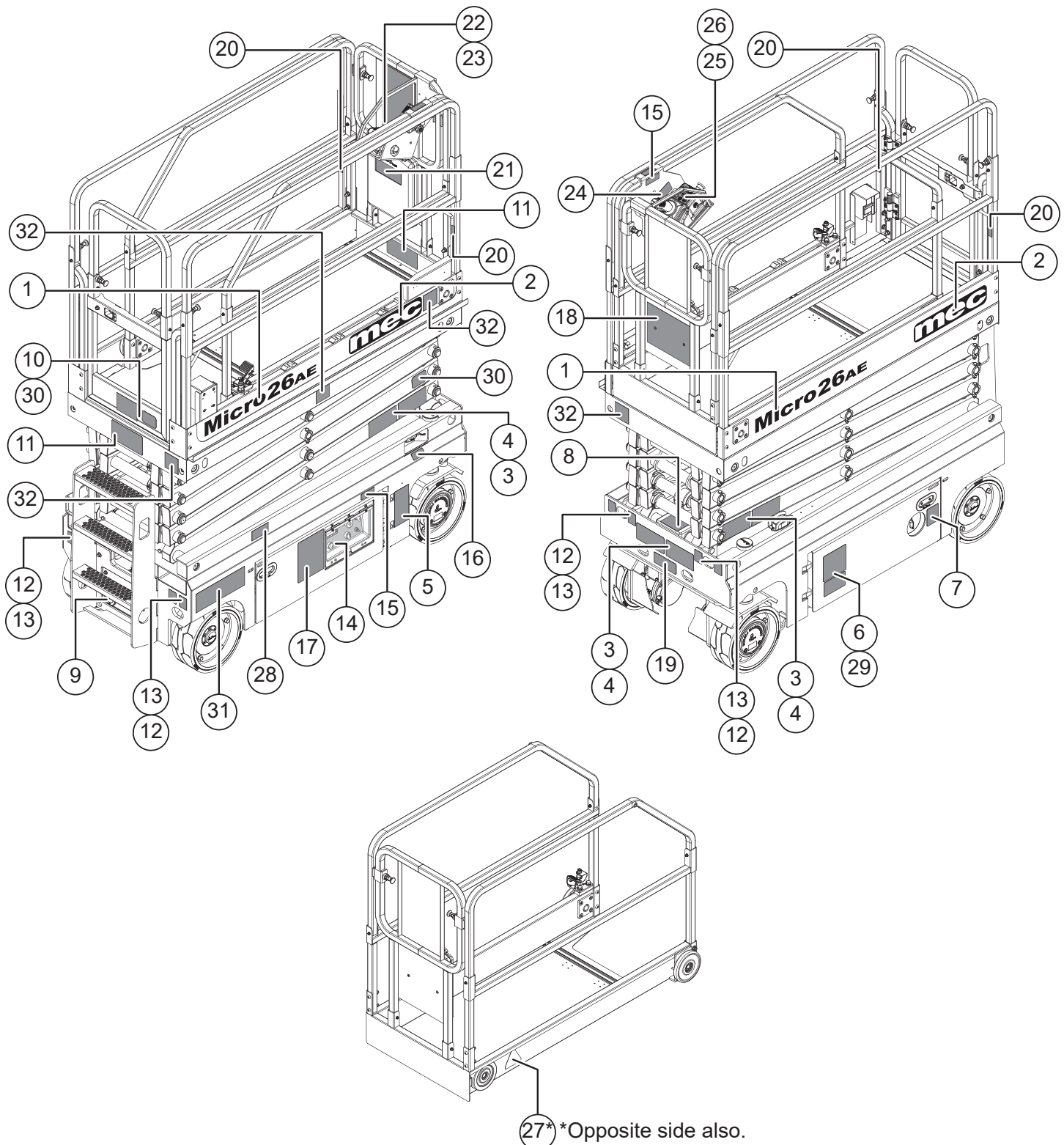
Power to Platform



Item	Part Number	Description	Qty.
1	REF	AC Plug (Refer to page 48)	1
2	43721	Wire Cable, Platform AC Power	1
3	42613	AC Socket	1

REF – Reference

Decals



PLATFORM DECK EXTENDED

1 Micro26AE 96694 Qty. - 2	2 mec 94114 Qty. - 2	3 DANGER Crushing Hazard Death or serious injury can result from contact with moving scissor arms. Don't engage safety arms unless raised platform. Engage safety arms before performing maintenance or repair. 941311030 41748 Qty. - 3	4 DANGER Crushing Hazard Contact with moving parts will result in death or serious injury. Do not stand under or around platform during operation. Move away from moving parts. Failure to follow these instructions could result in death or serious injury. 941311030 41646 Qty. - 3
5 95215 Qty. - 1	6 DANGER Explosion/Hazard Do not use this machine in areas where explosive gases, vapors, or dusts are present. Failure to follow these instructions could result in death or serious injury. 941311030 41641 Qty. - 1	7 NOTICE Cut off the power when the machine is repaired or not used for long period. 9311107 41666 Qty. - 1	8 DANGER Tip-over Hazard Altering or disabling limit switches can result in machine tip-over. Machine tip-over will result in death or serious injury. Do not alter or disable limit switch(es). 9411010UM 41642 Qty. - 1
9 BATTERY CHARGER AND POWER TO PLATFORM 94659 94659 Qty. - 1	10 mec 95301 Qty. - 1	11 WARNING 80% HEIGHT 550 LBS (250 KG) 300 LBS (136 KG) 250 LBS (113 KG) 40 MPH (12.8 M/S) 10 LBS (4.5 KG) OUTDOOR 550 LBS (250 KG) 300 LBS (136 KG) 250 LBS (113 KG) 40 MPH (12.8 M/S) 10 LBS (4.5 KG) INDOOR 941311015 43870 Qty. - 2	12 9311015 41635 Qty. - 4
13 9311013 41634 Qty. - 4	14 45656 Qty. - 1	15 Refer the operator to the instructions for use. 9314013 41639 Qty. - 2	16 EMERGENCY LOWER Pull knob to lower platform 9311017 41636 Qty. - 1
17 41649 Qty. - 1	18 mec 90719 Qty. - 1	19 mec DIRECT ELECTRIC DRIVE 94423 Qty. - 1	20 Restraint only 1 Occurrence 9414123UM 41648 Qty. - 4
21 WARNING Upon delivery of this machine through sale, rental, lease, or any other transfer of possession, the following shall be done: 1. The entity transferring possession has done so based on all available information regarding where, when and how this machine will be used and operated. 2. The entity accepting possession has been familiarized and trained as set forth by the manufacturer and in full compliance with all applicable codes, standards, regulations and laws. Failure to adhere to the above requirements may result in death, personal injury, or property damage. 8911 Operator's Manual inside this box. 941311030 8911 Qty. - 1	22 DANGER 941311030 41749 Qty. - 1	23 DANGER Tip-over Hazard 8100-lb (368-kg) loads, used in on a severe slope, cause a shift of center of gravity and could cause: 1. Lower the platform. 2. Move the machine to level surface. 941311030 41647 Qty. - 1	24 DRIVE FORWARD/LOWER DRIVE REVERSE/LIFT UP 94120 Qty. - 1
25 44797 Qty. - 1	26 Platform controller normal position. 9314015 41640 Qty. - 1	27 91850 Qty. - 2	28 WARNING DO NOT POWERWASH OR SPRAY ELECTRONIC COMPONENTS OR CONNECTORS. MOISTURE MAY CAUSE DAMAGE AND/OR ERRATIC OPERATION 90732 90732 Qty. - 1
29 WARNING Tip-over Hazard Do not use batteries that weigh less than the original equipment. Batteries are used as counterweight and are critical to machine stability. Each battery must weigh 42 lbs / 19 kg. The batteries must weigh a minimum of 245 lbs / 112 kg. 9411031UM 42293 Qty. - 1	30 MEC - Model Info Test MICRO26AE to 1 (844) 483-4669 Breaks Breakers Warranty & More 96712 Qty. - 2	31 NetZero 96686 Qty. - 1	32 WARNING INDOOR ONLY MATERIAL RACK MATERIAL CAPACITY (110 LBS / 50 KG) SHEET MATERIAL WEIGHT IS PART OF THE 110 LBS / 50 KG TOTAL PLATFORM CAPACITY. THIS MAY LIMIT CAPACITY TO ONE OCCUPANT. SEE MANUAL FOR SAFE USE! 9405011 46450 Qty. - 4



MEC Parts Order Form

Phone: 559-842-1523

Fax: 559-400-6723

Email: Parts@mecawp.com

Please Fill Out Completely:

Date: _____

Account: _____

Bill to: _____

Ordered By: _____

Your Fax No.: _____

Ship to: _____

Purchase Order Number _____

Ship VIA _____

*** All orders MUST have a Purchase Order Number*

***Fed Ex shipments require Fed Ex account number*

Part Number	Description	Quantity	Price

All back-ordered parts will be shipped when available via the same ship method as original order unless noted below:

_____ Ship complete order only - No Backorders

_____ Ship all available parts and contact customer on disposition of back-ordered parts

_____ Other (Please specify)

Signature _____



Limited Owner Warranty

MEC Aerial Platform Sales Corp. warrants its equipment to the original purchaser against defects in material and/or workmanship under normal use and service for one (1) year from date of registered sale or date the unit left the factory if not registered. MEC Aerial Platform Sales Corp. further warrants the structural weldments of the main frame and scissor arms to be free from defects in material or workmanship for five (5) years from date of registered sale or date unit left the factory if not registered. Excluded from such warranty is the battery(s) which carries a ninety (90) day warranty from described purchase date. Warranty claims within such warranty period shall be limited to repair or replacement, MEC Aerial Platform Sales Corp's option, of the defective part in question and labor to perform the necessary repair or replacement based on MEC Aerial Platform Sales Corp's then current flat rate, provided the defective part in question is shipped prepaid to MEC Aerial Platform Sales Corp. and is found upon inspection by MEC Aerial Platform Sales Corp. to be defective in material and/or workmanship. MEC Aerial Platform Sales Corp. shall not be liable for any consequential, incidental or contingent damages whatsoever. Use of other than factory authorized parts; misuse, improper maintenance, or modification of the equipment voids this warranty. The foregoing warranty is exclusive and in lieu of all other warranties, express or implied. All such other warranties, including implied warranties of merchantability and of fitness for a particular purpose, are hereby excluded. No Dealer, Sales Representative, or other person purporting to act on behalf of MEC Aerial Platform Sales Corp. is authorized to alter the terms of this warranty, or in any manner assume on behalf of MEC Aerial Platform Sales Corp. any liability or obligation which exceeds MEC Aerial Platform Sales Corp's obligations under this warranty.



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