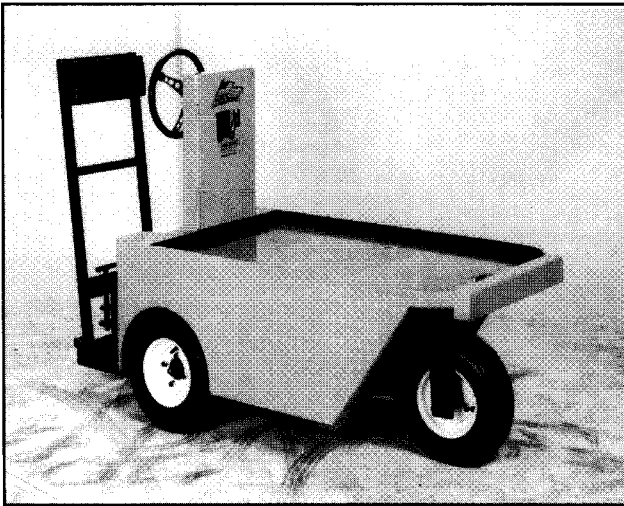
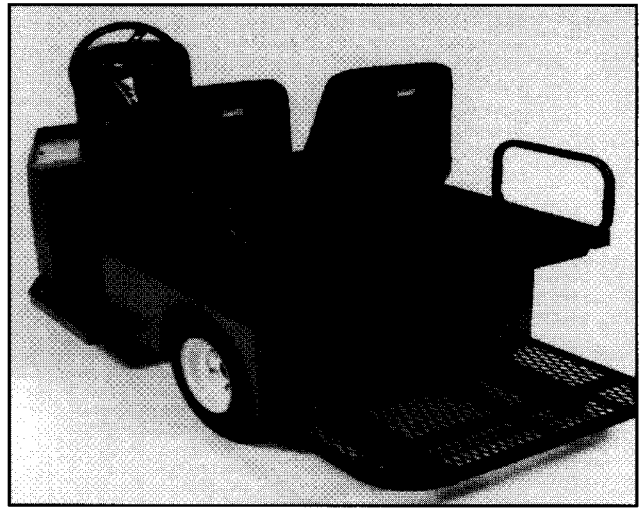


WESLEY PACK MULE LLC

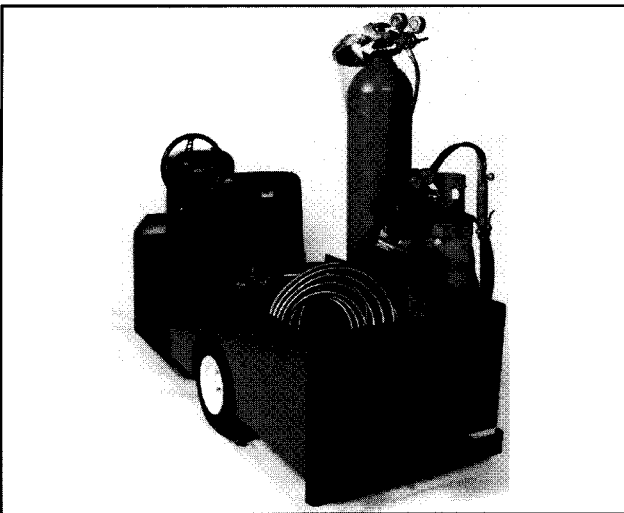
OWNER'S MANUAL



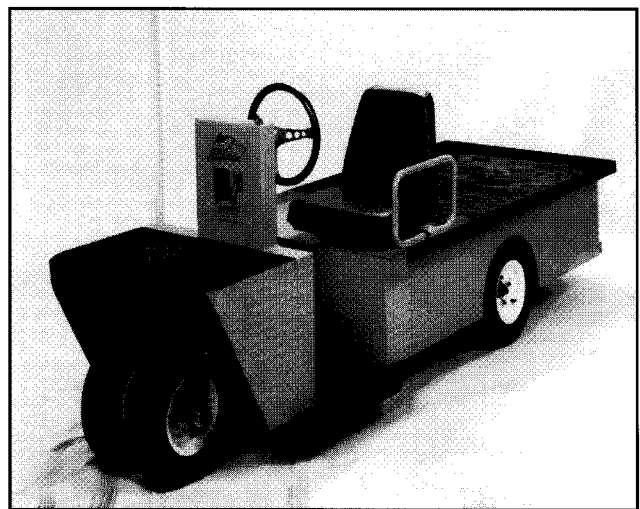
**SC-750
STOCK CHASER**



**PC-400
PERSONNEL CARRIER**



**MV-550
MAINTENANCE VEHICLE**



**CC-600
CARGO CARRIER**

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VEHICLE INCOMING INSPECTION AND CHECKLIST

BEFORE DELIVERY TRUCK LEAVES

Visually inspect the vehicle for any damage that may have occurred during shipping. Please note any damage on the carrier's bill immediately. Be sure to specify the nature of the damage.

AFTER DELIVERY

Check the vehicle for hidden damage and immediately notify the carrier if any such damage has occurred.

BEFORE OPERATING THE VEHICLE

1. Check all electrical connections in the instrument panel to ensure none have loosened during shipping.
2. Check tire pressure and check for loose wheel lug nuts.
3. Check all steering controls and the front steering gears to ensure that all are operating freely and are not damaged.
4. Check all battery connections for tightness and electrolyte levels in each battery using a hydrometer.

INCOMING CHECKLIST

The following checklist is provided for your convenience to properly inspect the electric vehicle for damage.

- | | YES | NO |
|--|--------------------------|--------------------------|
| 1. Have all accessories been received? | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Have all accessories been opened and inspected? | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Is the wiring visibly damaged? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Are all electrical and battery connections tight? | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Do the batteries have proper electrolyte levels? | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Is the battery charger in good condition? | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Are the tires in good condition and properly inflated (55 psi)? | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Is the transmission fluid full? | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Are there dents or cracks on the vehicle? | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Are all controls operating freely and properly? | <input type="checkbox"/> | <input type="checkbox"/> |

SAFETY

The responsibility for safety lies with four main groups: manufacturers, owners, operators, and maintenance personnel.

Our responsibility as manufacturer is to ensure that the customer is acquainted with the capabilities of the vehicle. We will also make safety recommendations based on these characteristics. These recommendations appear on labels mounted on the vehicle.

The owner of the vehicle is responsible to instruct personnel in its safe operation. He/she must explain the vehicle characteristics and the action of the controls. It is Wesley Pack Mule LLC's recommendation that the owner first become familiar with the conditions of the location of use or place of operation in order to assess their effect on safe operation.

The owner, or such appropriate personnel designated by the owner (head of engineering, safety director, director of training, or head of maintenance) should familiarize himself or herself with the provisions, requirements, standards, and recommendations of

- 1) ANSI/ASME B56.8-1993, Safety Standard for Personnel and Burden Carriers.
American National Standards Institute, Inc.
1430 Broadway
New York, New York 10018
- 2) ANSI/NFPA #505, Powered Industrial Trucks.
National Fire Protection Association
Batterymarch Park
Quincy, MA 02269
- 3) 29 CFR § 1910.178, Powered Industrial Trucks.
Superintendent of Documents
U. S. Government Printing Office
Washington, DC 20402

The owner shall survey the specific operating conditions and establish and train its operators to comply with additional, specific safety practices.

The operators of the Wesley Pack Mule LLC should be selected on the basis of visual, auditory, physical and mental abilities to operate the vehicle in a safe manner. Such operators must observe safe driving rules, and be aware of the vehicle operating characteristics. He/she must also be aware of the manufacturer's safety recommendations, and should be trained to adhere strictly to the safety guidelines. The training of the operators should be done in accordance to a survey of the projected operating conditions and environment. Maintenance personnel must be aware that their activities affect the safe operation of the vehicle. Also, the service and maintenance processes involve hazards which must be taken into account.

All vehicles described in this manual are designed for use on smooth surfaces in and around industrial plants, warehouses, nurseries, and greenhouses. These vehicles are not designed for use on public highways.

SAFETY GUIDELINES

- Do not operate your Wesley Pack Mule without reading this manual.
- Do not start the vehicle without prechecking the brakes.
- Do not mount or dismount the vehicle with the key in the ignition.
- If the accelerator requires excessive pressure, do not drive.
- Do not park or operate near flammable objects or in flammable or hazardous environments.
- Use only necessary power.
- Keep both hands on the steering wheel while operating the vehicle.
- Accelerate and decelerate slowly.
- Drive slowly and carefully when turning or cornering
- Avoid sharp turns, especially on an incline or at high speeds.
- Take special caution when driving in reverse.
- Keep arms and legs within the operator's platform while driving.
- Do not use if not operating properly.
- Do not use vehicle to push objects.
- Perform all maintenance procedures at the recommended intervals.
- Do not operate in sand, gravel, or snow.
- Do not exceed, under any conditions, the maximum speed the vehicle can obtain on level ground.
- Do not use the accelerator to hold the vehicle at a standstill on an incline.
- Do not allow the tires to lose contact with the ground.
- Do not overload the vehicle above its rated capacity.
- Make sure that the area of operation is free and clear of trash, litter and other foreign objects.
- Proceed around low overhangs with caution. Make sure that there is enough clearance for the head of the operator and/or the ladder/backrest to clear easily.
- Never change direction abruptly.
- Adjust speed to surface conditions.
- Whenever going up an incline, drive directly up its face, never across.
- Position loads carefully and evenly.
- Remain in the operator's position while operating the vehicle.
- Never exceed occupant capacity.

OPERATING SPECIFICATIONS

| <u>VEHICLE MODEL</u> | <u>PC-400</u> | <u>MV-550</u> | <u>CC-600</u> | <u>SC-750</u> |
|-----------------------------|--|--|--|--|
| DIMENSIONS | | | | |
| Length: | 86.5" | 88.5" | 105" | 79" |
| Width: | 38" | 29.5" | 36" | 29.5" |
| Height: | 44" | 44" | 43" | 49" |
| WEIGHT | 915 lbs. (w/batteries) | 950 lbs. (w/batteries) | 956 lbs. (w/batteries) | 865 lbs. (w/batteries) |
| GROUND DRIVE | Direct drive transaxle | Direct drive transaxle | Direct drive transaxle | Direct drive transaxle |
| MOTOR | | | | |
| Input Voltage | 24 V., DC | 24 V., DC | 24 V., DC | 24 V., DC |
| H.P. rating | 2 | 2 | 2 | 2 |
| Max. RPM rating | 2400 | 2400 | 2400 | 2400 |
| STEERING | | | | |
| Max. turning | 75 degrees | 75 degrees | 75 degrees | 75 degrees |
| Min. circle | 6 feet | 6-1/2 feet | 6-1/2 feet | 5 feet |
| Int. aisle clearance | 70 inches | 64 inches | 79 inches | 58 inches |
| CONTROLS | | | | |
| Power operation | Ignition key | Ignition key | Ignition key | Ignition key |
| Steering operation | Steering wheel | Steering wheel | Steering wheel | Steering wheel |
| Forward/Reverse | Toggle switch | Toggle switch | Toggle switch | Toggle switch |
| Speed Control | Acceleration | Acceleration | Acceleration | Acceleration |
| BRAKES | | | | |
| Service brake system | Band brake | Band brake | Band brake | Band brake |
| Parking brake system | Deadman brake on accelerator | Deadman brake on accelerator | Deadman brake on accelerator | Deadman brake on accelerator |
| CAPACITY | | | | |
| Vehicle Occupants | up to 4 Persons | 1 | 1 | 1 |
| Carry on back deck | N/A | 800 | 800 | N/A |
| Carry on front deck | 200 | 200 | 200 | 950 |
| Tow | N/A | 2000 lbs. | 2000 lbs. | 2000 lbs. |
| SPEED | 10 MPH | 10 MPH | 10 MPH | 10 MPH |
| CHARGER | | | | |
| Input Voltage | 117 A.C. | 117 A.C. | 117 A.C. | 117 A.C. |
| Output Rating | 25 Amps. | 25 Amps. | 25 Amps. | 25 Amps. |
| Output Voltage | 24 D.C. | 24 D.C. | 24 D.C. | 24 D.C. |
| TIRES/WHEELS | | | | |
| Tire Size | 4.80-8" | 4.80-8" | 4.80-8" | 4.80-8" |
| Tire Pressure | 55 psi. | 55 psi. | 55 psi. | 55 psi. |
| Number | 4 | 4 | 4 | 3 |
| BODY | | | | |
| Frame | 14 GA diamond plate on surface | 14 GA diamond plate on surface | 14 GA diamond plate on surface | 14 GA diamond plate on surface |
| Color | Safety yellow | Safety yellow | Safety yellow | Safety yellow |
| SAFETY | Padded seat | Padded seat | Padded seat/ hip rest | Padded hip rest |
| OPTIONAL EQUIPMENT | Revolving safety light, back up alarm, front and rear lights | Revolving safety light, back up alarm, front and rear lights | Revolving safety light, back up alarm, front and rear lights | Revolving safety light, back up alarm, front and rear lights |

This is a copy of the safety instructions affixed to your vehicle. Do not remove the label from the vehicle. If your vehicle does not have these instructions firmly affixed, please contact Wesley Pack Mule LLC and they will be sent to you immediately.

CAUTION AND SAFETY INSTRUCTIONS

CHARGER AND BATTERY

Deck/lid must be opened and secured while batteries are charging.
Remember that battery and ignition cables carry high-voltage currents. Use caution to avoid a short circuit.
Never connect or disconnect either the battery or any other component while the power is on.
When connecting the battery cables, pay particular attention to their polarities. Never connect the positive cable to a negative terminal or a negative cable to a positive terminal.
Keep battery securely mounted.
Keep battery top clean and dry.
Keep terminals and connections clean, tight, and coated with petroleum jelly or terminal grease.
Rinse off any spilled electrolyte immediately with solution of water and baking soda.
If vehicle is not being used for an extended time, disconnect cables.
Read instructions from battery manufacturer for your own safety.

FUSES

Never install a wire-instead of the proper fuse-even for a temporary fix. It may cause extensive damage and possibly a fire.
Do not use a screwdriver or any other metal object to remove fuses, as an electrical short circuit may occur and damage the system.
Do not modify or tamper with any part of the operating or speed control system. All inspections and adjustments must be made by a qualified technician.

WHEELS

When replacing wheels for any reason, care should be taken to insure that the wheels are equivalent to those removed, in diameter, rim width and off-set.
An incorrectly sized wheel may adversely affect wheel and bearing life, braking and stopping ability, handling characteristics, ground clearance, body-to-tire clearance.

GENERAL MECHANICAL

Please open and secure deck/lid completely before checking any portion of drive train, batteries, etc.
Please chock wheels when appropriate.
Before placing deck/lid back in normal position, make sure battery charging plug has been disconnected from receptacle; battery charging wire must be securely tied up; all tools have been removed.

OPERATING INSTRUCTIONS

The following are step by step operating procedures:

I. DISCONNECT BATTERY CHARGER

Remove the charger cord from the 110 Volt power outlet. Disconnect charger cord from the female receptacle in the lower right hand area of the operator's station. Carefully wrap charger cord and store in its box attached to the instrument panel. Ensure that the area is clear of all obstructions.

II. TURN KEY SWITCH ON

Insert the key into the ignition switch located on the instrument panel. Turn completely to the right. The indicator light located immediately to the left of the ignition switch should come on. If not, do not attempt to operate.

III. MOVE DIRECTION SWITCH TO THE DESIRED SETTING

Before operation, the toggle switch, which is located towards the left of the operator's panel, should be set to the middle or neutral position. The different settings are shown on a metal plate located immediately to the left of the toggle switch. For the forward position, move the toggle switch upwards. The reverse position is the toggle switch set downwards.

IV. PRESS ACCELERATOR

Depress the accelerator with the right foot. The speed of the vehicle will be proportional to the amount that the accelerator pedal is depressed. The controller (EV-E030) regulates the speed, acting as an automatic transmission.

V. STOPPING

In order to stop, simply remove foot from the accelerator pedal. The brake automatically engages upon release of accelerator pedal.

WARNING: Be sure that the vehicle is completely stopped before changing direction. An attempt to rapidly change direction may cause vehicle cargo to shift resulting in possible operator injury. Vehicle damage caused by not operating a vehicle in accordance to the instructions of this manual is not covered by manufacturer's warranty.

MAINTENANCE

Safe and trouble-free operation of a Wesley Pack Mule electric vehicle is highly dependent upon the frequent and proper execution of maintenance. One should follow these guidelines more frequently if the vehicle is used in multi-work shifts or in harsh environmental conditions.

WARNING: Never service your vehicle without disconnecting battery ground cable. Failure to do so may result in possible injury and/or vehicle damage.

The following chart has been provided to serve as a guide for the service of your Wesley Pack Mule electric vehicle.

| Maintenance Service | Daily | Weekly | Monthly | 3 to 6 Months | Yearly |
|---|-------|--------|---------|---------------|--------|
| Check all gauges | X | | | | |
| Check horn | X | | | | |
| Check brake linkage | | | X | | |
| Check band brake and other components for wear and deterioration | | | X | | |
| Check battery charge by voltmeter on the instrument panel (reading should be 24 volts). | X | | | | |
| Check all battery cells with a hydrometer* and add distilled water if necessary. | | X | | | |
| Check the oil level in the transaxle and fill if necessary. Heavy Duty 90W Gear Oil | | | | | X |
| Clean, inspect, re-pack and reseal front axle and fork bearings. | | | | | X |
| Grease steering chain and sprockets | | | X | | |

- * A hydrometer is the device used to determine if a battery is properly charged. It measures the specific gravity of the electrolyte (liquid) in the battery. The electrolyte is heavier (about 1260 in specific gravity) when fully charged, and lighter (about 1100) when fully discharged.

| Maintenance Service | Daily | Weekly | Monthly | 3 to 6 Months | Yearly |
|--|-------|--------|---------|---------------|--------|
| Check tire pressure with tires cold. The recommended tire pressure is 55 psi.** | | X | | | |
| Grease fork pivot fittings and gears with grease gun (automotive grease). Inspect steering operations, gear housing and linkage | | X | | X | |
| Oil all moving parts that do not have fittings with an oiler or brush (automotive oil). | | | X | | |
| Plug in charger when vehicle is not in service; also vehicle should be left on charge overnight when possible. | X | | | | |
| Tighten any loose battery terminals and oil with a brush (automotive oil) | | | X | | |
| Tighten bolts and nuts | | | X | | |
| Wash batteries with baking soda and water (protect charger from direct spray). Dry batteries thoroughly before returning to service. | | | X | | |

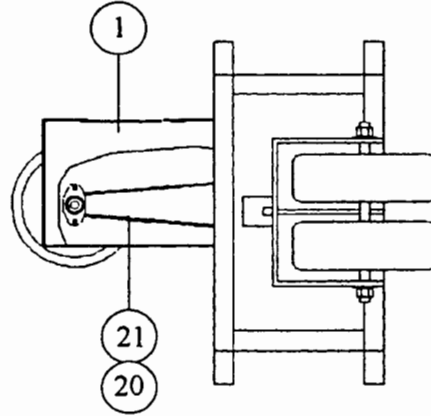
NOTE: In freezing weather, recharge after adding distilled water to make sure that the water mixes properly with the fluid. Otherwise the water may freeze and damage the battery.

CAUTION: Do not expose the battery to flames or electrical sparks. Hydrogen gas generated by the battery action is explosive. Do not allow battery fluid to come into contact with skin, eyes, fabric, or painted surfaces. If it contacts eyes or skin, immediately flush with water for 15 minutes and seek medical attention.

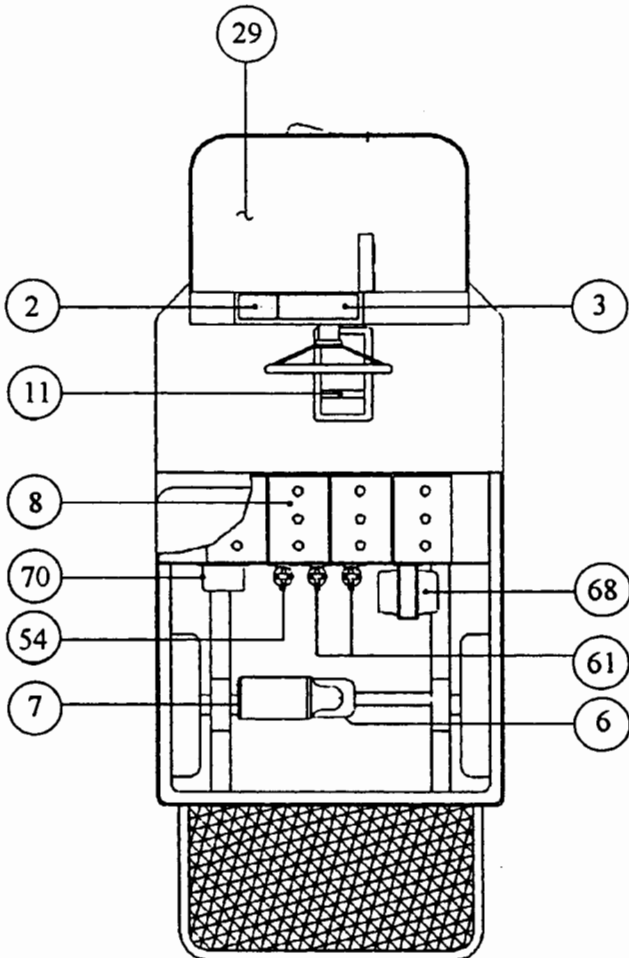
** Overinflation or underinflation can reduce tire life, adversely affect vehicle handling and lead to sudden tire failure. This could result in an unexpected loss of vehicle control.

PC-400 PERSONNEL CARRIER

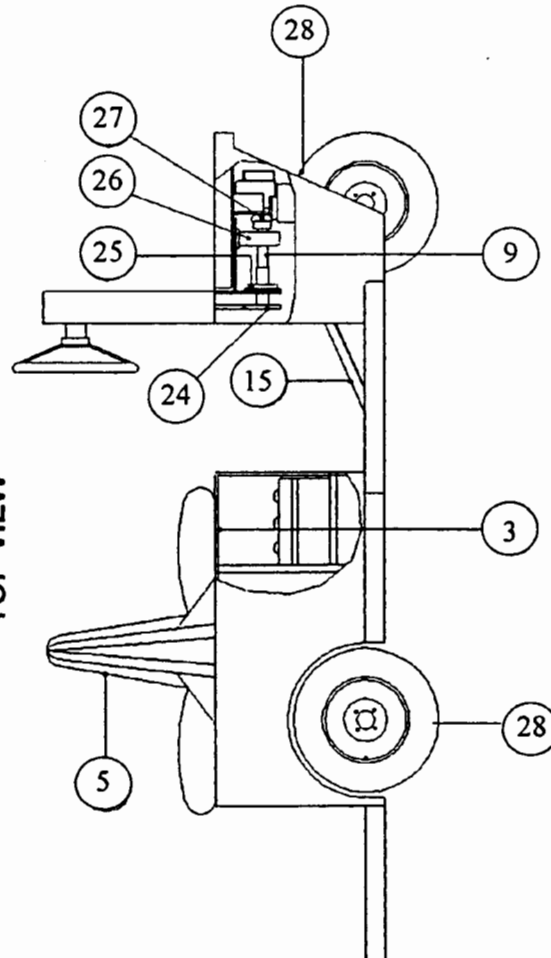
| DWG.# | DESCRIPTION | P/N | QTY |
|-------|--------------------------------|---------|-----------|
| 1 | PACK MULE DECAL | EV-A001 | 1 |
| 2 | PACK MULE I.D. PLATE | EV-A002 | 1 |
| 3 | CAUTION STICKER | EV-A003 | 2 |
| 5 | BUCKET SEAT | EV-A005 | 1, 2 or 4 |
| 6 | TRANSAXLE | EV-D007 | 1 |
| 7 | 2 HP. MOTOR | EV-D008 | 1 |
| 8 | BATTERY | EV-E036 | 4 |
| 9 | STEERING ROD, PC-400 | EV-S026 | 1 |
| 11 | TREADLE ROD | EV-F022 | 1 |
| 15 | ACCELERATOR PEDAL | EV-F034 | 1 |
| 20 | DRIVE CHAIN #40 | EV-S001 | 1 |
| 21 | MASTER LINK | EV-S002 | 1 |
| 24 | LOWER STEERING SPROCKET | EV-S029 | 1 |
| 25 | STEER ROD BEARING | EV-S011 | 3 |
| 26 | PILLOW BLOCK | EV-S021 | 1 |
| 27 | PINION GEAR | EV-S022 | 1 |
| 28 | TIRE/RIM ASSEMBLY | EV-W002 | 4 |
| 29 | FRONT DECK | EV-F040 | 1 |
| 54 | 4 TERMINAL SOLENOID | EV-E014 | 1 |
| 61 | 6 TERMINAL SOLENOID | EV-E021 | 2 |
| 66 | CHARGER CORD (not illustrated) | EV-E026 | 1 |
| 68 | CHARGER | EV-E028 | 1 |
| 70 | CONTROLLER | EV-E030 | 1 |



FRONT VIEW



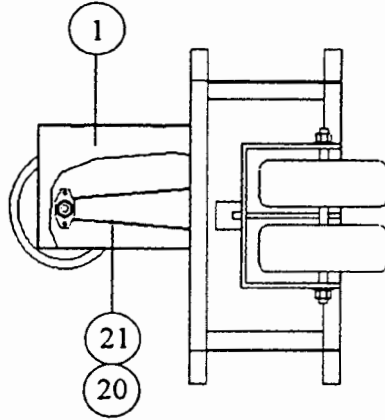
TOP VIEW



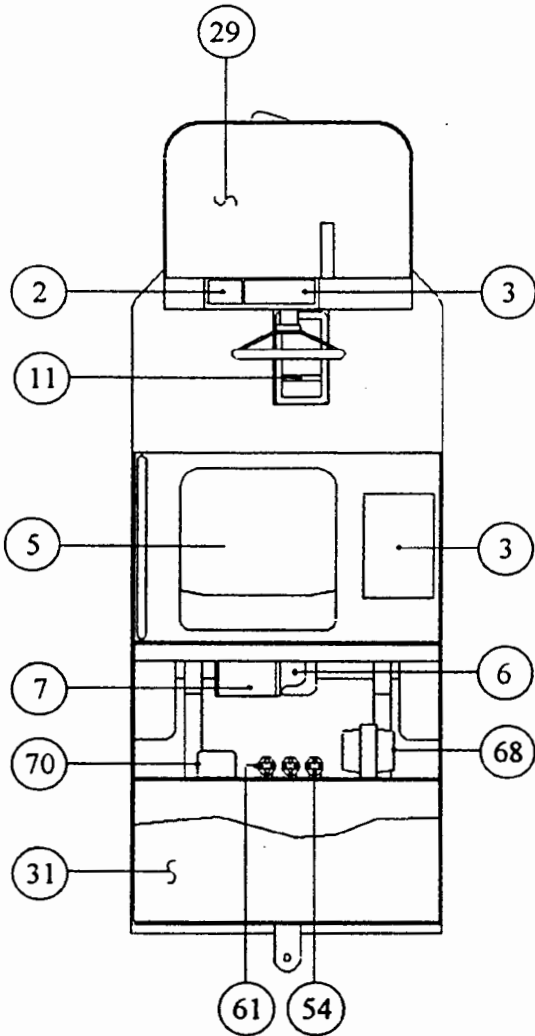
SIDE VIEW

MV-550 MAINTENANCE VEHICLE

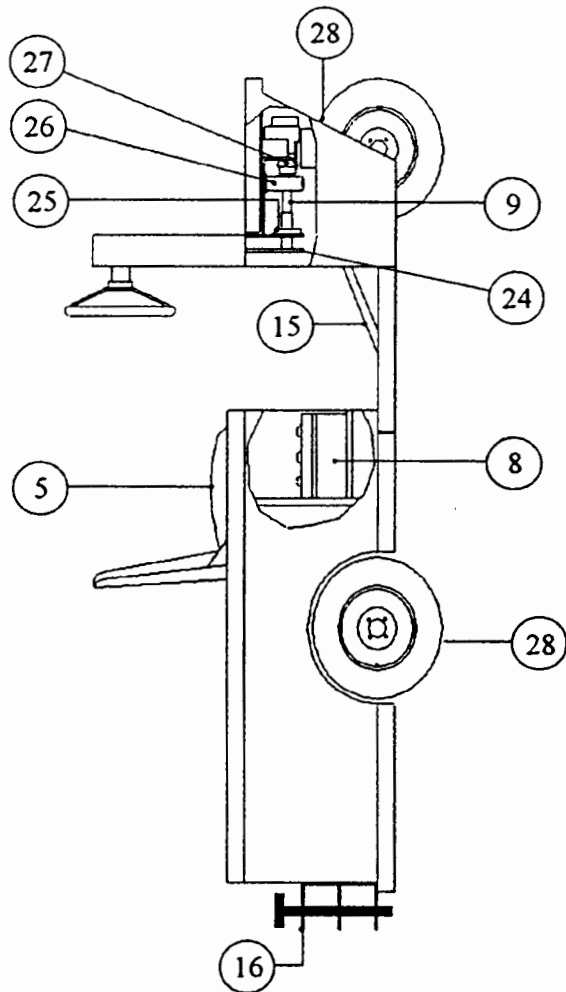
| DWG.# | DESCRIPTION | P/N | QTY |
|-------|--------------------------------|---------|-----|
| 1 | PACK MULE DECAL | EV-A001 | 1 |
| 2 | PACK MULE I.D. PLATE | EV-A002 | 1 |
| 3 | CAUTION STICKER | EV-A003 | 2 |
| 5 | BUCKET SEAT | EV-A005 | 1 |
| 6 | TRANSAXLE | EV-D007 | 1 |
| 7 | 2 HP. MOTOR | EV-D008 | 1 |
| 8 | BATTERY | EV-E036 | 4 |
| 9 | STEERING ROD, MV-550 | EV-S026 | 1 |
| 11 | TREADLE ROD | EV-F022 | 1 |
| 15 | ACCELERATOR PEDAL | EV-F034 | 1 |
| 16 | T-HANDLE HITCH | EV-F035 | 1 |
| 20 | DRIVE CHAIN #40 | EV-S001 | 1 |
| 21 | MASTER LINK | EV-S002 | 1 |
| 24 | LOWER STEERING SPROCKET | EV-S029 | 1 |
| 25 | STEER ROD BEARING | EV-S011 | 3 |
| 26 | PILLOW BLOCK | EV-S021 | 1 |
| 27 | PINION GEAR | EV-S022 | 1 |
| 28 | TIRE/RIM ASSEMBLY | EV-W002 | 4 |
| 29 | FRONT DECK | EV-F040 | 1 |
| 31 | PLYWOOD DECK | EV-F041 | 1 |
| 54 | 4 TERMINAL SOLENOID | EV-E014 | 1 |
| 61 | 6 TERMINAL SOLENOID | EV-E021 | 2 |
| 66 | CHARGER CORD (not illustrated) | EV-E026 | 1 |
| 68 | CHARGER | EV-E028 | 1 |
| 70 | CONTROLLER | EV-E030 | 1 |



FRONT VIEW



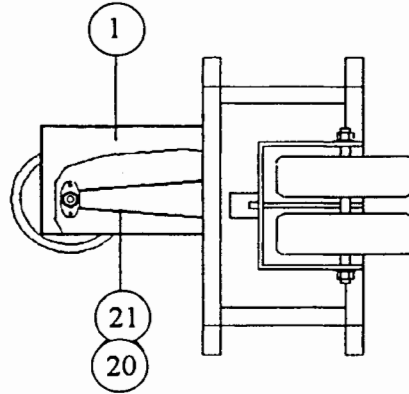
TOP VIEW



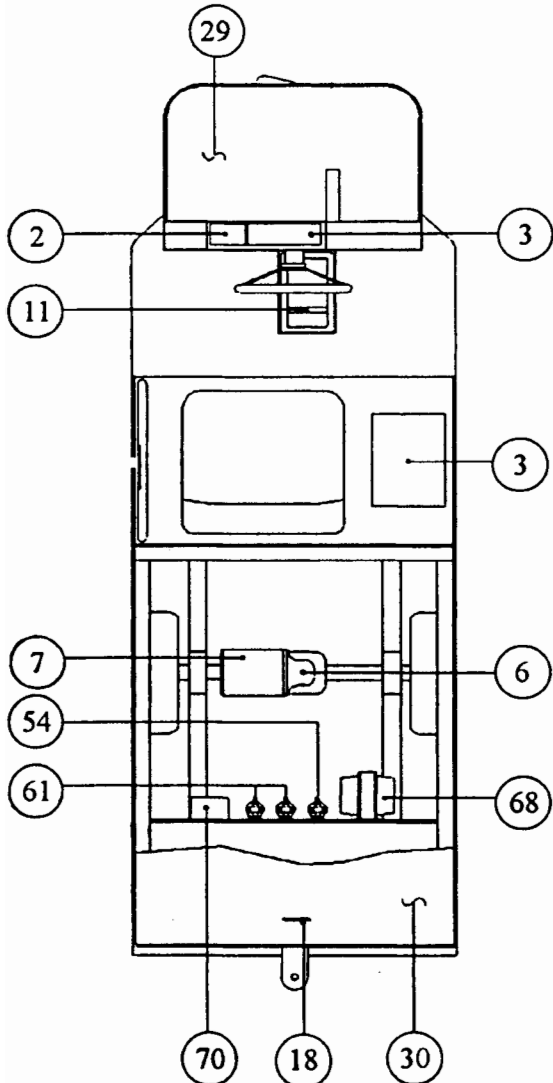
SIDE VIEW

CC-600 CARGO CARRIER

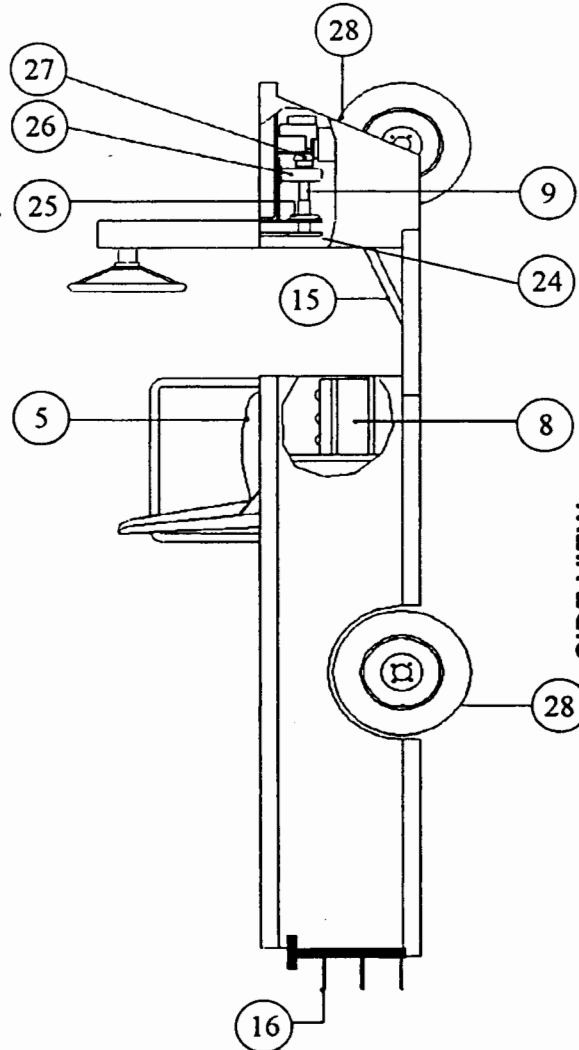
| DWG.# | DESCRIPTION | P/N | QTY |
|-------|--------------------------------|---------|-----|
| 1 | PACK MULE DECAL | EV-A001 | 1 |
| 2 | PACK MULE I.D. PLATE | EV-A002 | 1 |
| 3 | CAUTION STICKER | EV-A003 | 2 |
| 5 | BUCKET SEAT | EV-A005 | 1 |
| 6 | TRANSAXLE | EV-D007 | 1 |
| 7 | 2 HP. MOTOR | EV-D008 | 1 |
| 8 | BATTERY | EV-E036 | 4 |
| 9 | STEERING ROD, CC-600 | EV-S026 | 1 |
| 11 | TREADLE ROD | EV-F022 | 1 |
| 15 | ACCELERATOR PEDAL | EV-F034 | 1 |
| 16 | T-HITCH HANDLE | EV-F035 | 1 |
| 18 | DECK HANDLE | EV-F036 | 1 |
| 20 | DRIVE CHAIN #40 | EV-S001 | 1 |
| 21 | MASTER LINK | EV-S002 | 1 |
| 24 | LOWER STEERING SPROCKET | EV-S029 | 1 |
| 25 | STEER ROD BEARING | EV-S011 | 3 |
| 26 | PILLOW BLOCK | EV-S021 | 1 |
| 27 | PINION GEAR | EV-S022 | 1 |
| 28 | TIRE/RIM ASSEMBLY | EV-W002 | 4 |
| 29 | FRONT DECK | EV-F040 | 1 |
| 30 | PLYWOOD DECK (CC-600) | EV-F039 | 1 |
| 54 | 4 TERMINAL SOLENOID | EV-E014 | 1 |
| 61 | 6 TERMINAL SOLENOID | EV-E021 | 2 |
| 66 | CHARGER CORD (not illustrated) | EV-E026 | 1 |
| 68 | CHARGER | EV-E028 | 1 |
| 70 | CONTROLLER | EV-E030 | 1 |



FRONT VIEW



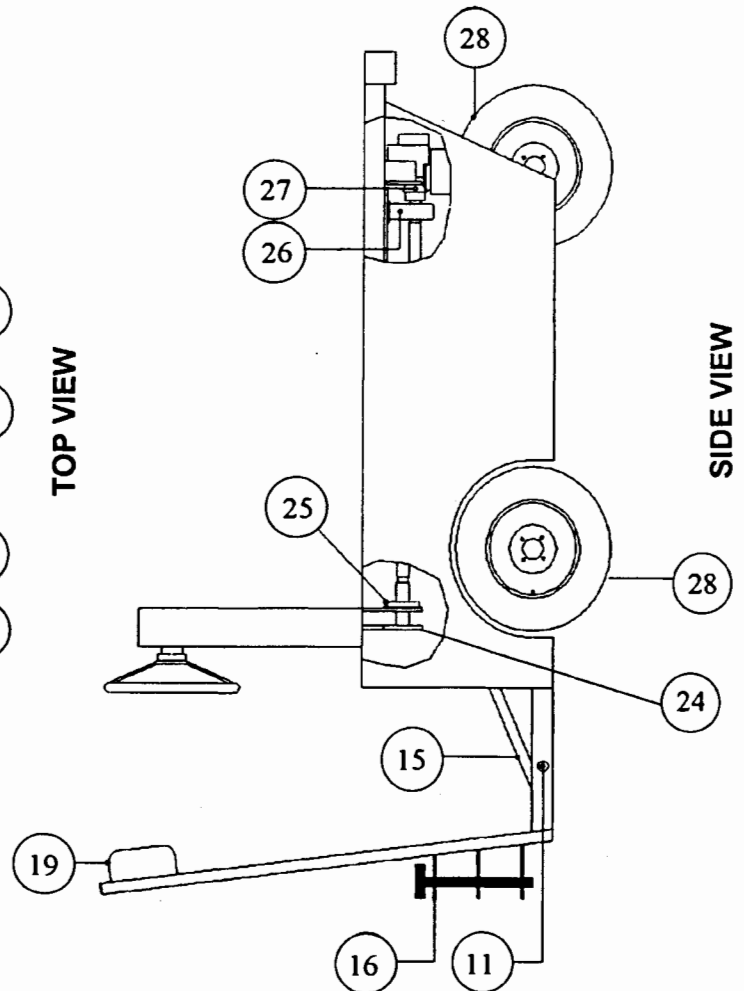
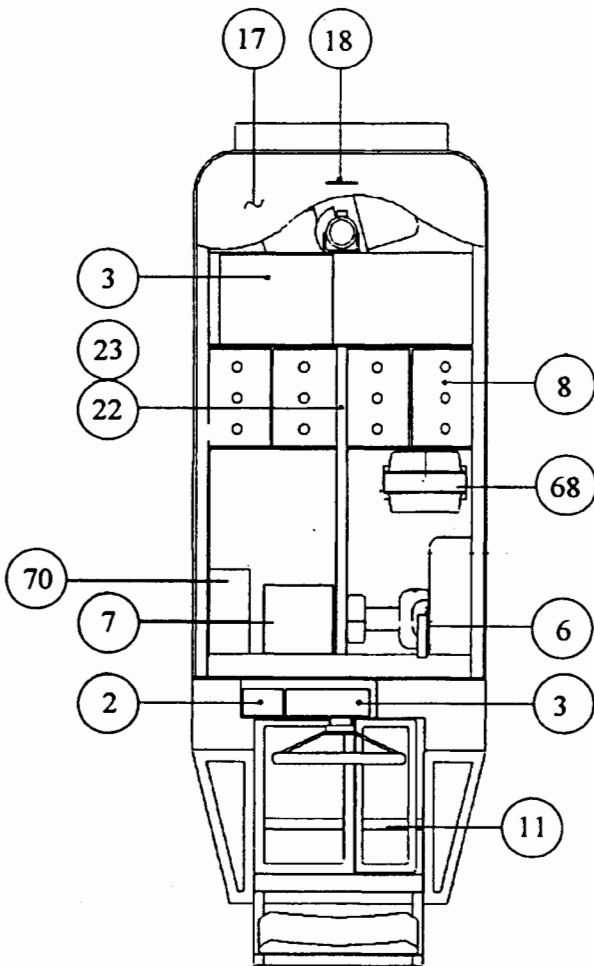
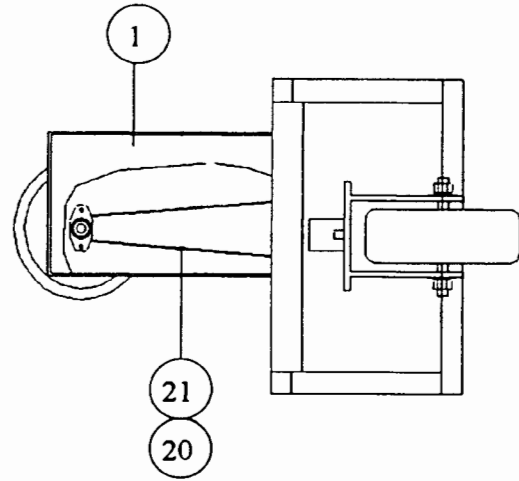
TOP VIEW



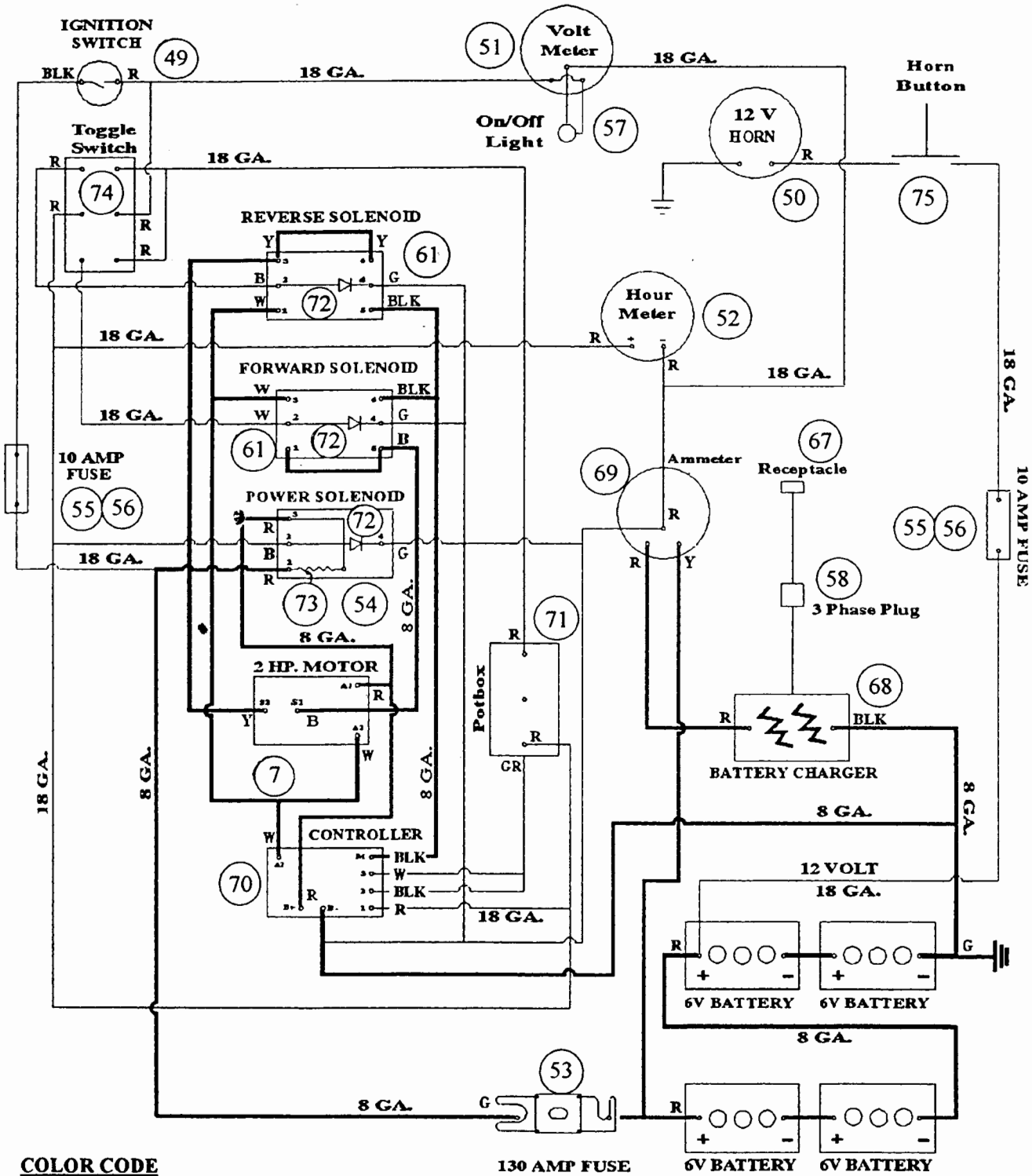
SIDE VIEW

SC-750 STOCK CHASER

| DWG.# | DESCRIPTION | P/N | QTY |
|-------|---------------------------------------|---------|--------|
| 1 | PACK MULE DECAL | EV-A001 | 1 |
| 2 | PACK MULE I.D. PLATE | EV-A002 | 1 |
| 3 | CAUTION STICKER | EV-A003 | 2 |
| 6 | TRANSAXLE | EV-D007 | 1 |
| 7 | 2 HP. MOTOR | EV-D008 | 1 |
| 8 | BATTERY | EV-E036 | 4 |
| 11 | TREADLE ROD | EV-F022 | 1 |
| 15 | ACCELERATOR PEDAL | EV-F034 | 1 |
| 16 | T-HANDLE HITCH | EV-F035 | 1 |
| 17 | DECK (SPECIFY MODEL NUMBER) | EV-F038 | 1 |
| 18 | DECK HANDLE | EV-F036 | 1 |
| 19 | BACKREST | EV-F037 | 1 |
| 20 | DRIVE CHAIN #40 | EV-S001 | 1 |
| 21 | MASTER LINK | EV-S002 | 1 |
| 22 | STEER ROD, (SC-750) | EV-S008 | 1 |
| 23 | INSULATOR, STEERING | EV-S009 | 1 |
| 24 | LOWER STEERING SPROCKET | EV-S029 | 1 |
| 25 | STEER ROD BEARING | EV-S011 | 3 |
| 26 | PILLOW BLOCK | EV-S021 | 1 |
| 27 | PINION GEAR | EV-S022 | 1 |
| 28 | TIRE/RIM ASSEMBLY | EV-W002 | 3 or 4 |
| 54 | 4 TERMINAL SOLENOID (not illustrated) | EV-E014 | 1 |
| 61 | 6 TERMINAL SOLENOID (not illustrated) | EV-E021 | 2 |
| 66 | CHARGER CORD (not illustrated) | EV-E026 | 1 |
| 68 | CHARGER | EV-E028 | 1 |
| 70 | CONTROLLER | EV-E030 | 1 |

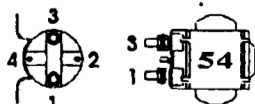


WIRING DIAGRAM



COLOR CODE

| | |
|-----|--------|
| B | BLUE |
| BLK | BLACK |
| G | GREEN |
| GR | GRAY |
| R | RED |
| W | WHITE |
| Y | YELLOW |



4 Terminal Solenoid

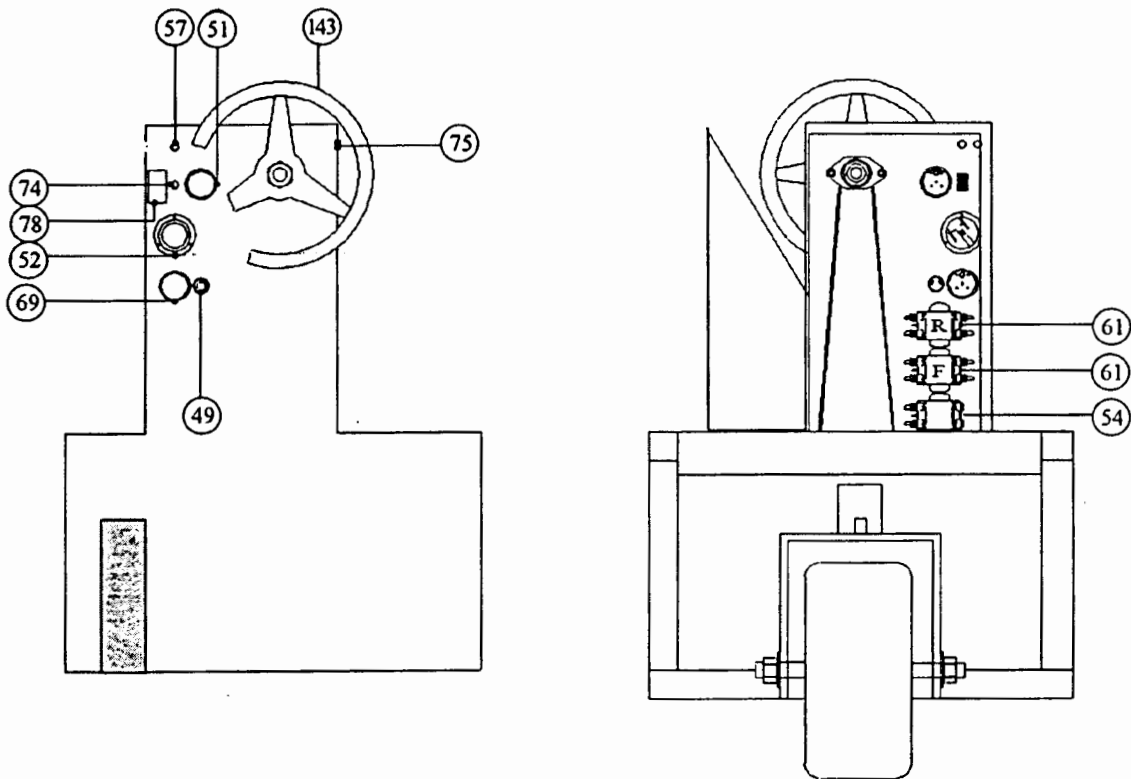


6 Terminal Solenoid

WIRING DIAGRAM PARTS LIST

| DWG.# | DESCRIPTION | P/N | QTY |
|-------|--------------------------------|---------|-----|
| 7 | 2 HP MOTOR | EV-D008 | 1 |
| 49 | IGNITION SWITCH | EV-E009 | 1 |
| 50 | 12 V HORN | EV-E010 | 1 |
| 51 | VOLT METER | EV-E011 | 1 |
| 52 | HOUR METER | EV-E012 | 1 |
| 53 | FUSE - 130 AMPS | EV-E013 | 1 |
| 54 | SOLENOID, 4 TERM. | EV-E014 | 1 |
| 55 | 10 AMP FUSE | EV-E015 | 2 |
| 56 | LITTLE FUSE HOLDER | EV-E016 | 2 |
| 57 | ON/OFF LIGHT | EV-E017 | 1 |
| 58 | 3-PHASE FEMALE PLUG | EV-E018 | 1 |
| 61 | SOLENOID, 6 TERMINAL | EV-E021 | 2 |
| 66 | CHARGER CORD (NOT ILLUSTRATED) | EV-E026 | 1 |
| 67 | RECEPTACLE | EV-E027 | 1 |
| 68 | CHARGER | EV-E028 | 1 |
| 69 | AMMETER, 60 A | EV-E029 | 1 |
| 70 | CONTROLLER | EV-E030 | 1 |
| 71 | POTBOX | EV-E031 | 1 |
| 72 | DIODE | EV-E032 | 3 |
| 73 | 250 OHM RESISTOR | EV-E033 | 1 |
| 74 | TOGGLE SWITCH | EV-E035 | 1 |
| 75 | HORN BUTTON | EV-E041 | 1 |

INSTRUMENT PANEL (STOCK CHASER ILLUSTRATED)

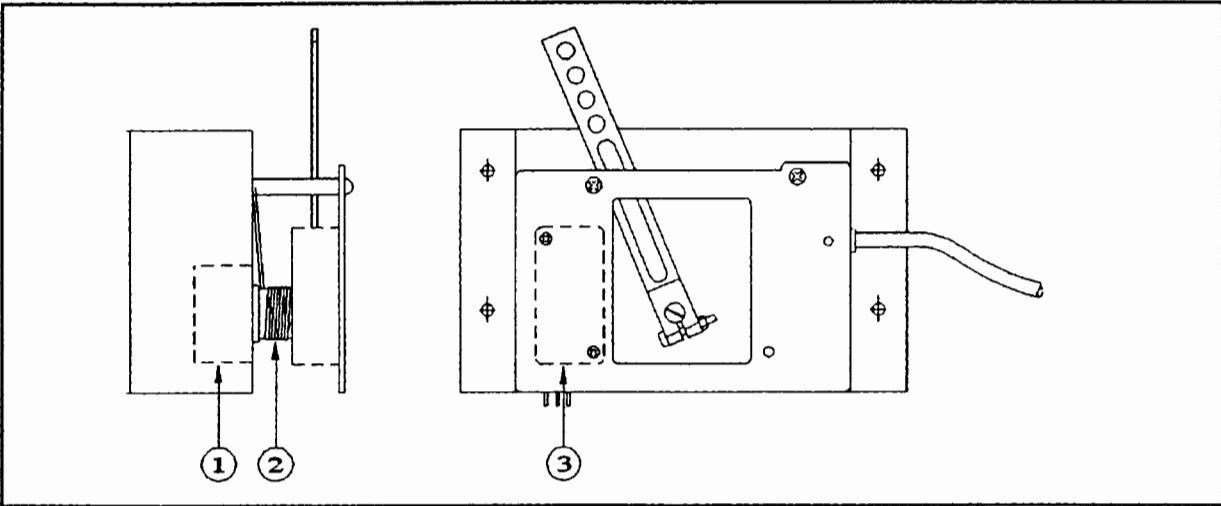


INSTRUMENT PANEL PARTS LIST

| ITEM | DESCRIPTION | P/N | QTY |
|------|---------------------------------------|---------|-----|
| 49 | IGNITION SWITCH | EV-E009 | 1 |
| 51 | VOLT METER | EV-E011 | 1 |
| 52 | HOUR METER | EV-E012 | 1 |
| 54 | 4 TERMINAL SOLENOID (POWER) | EV-E014 | 1 |
| 57 | ON/ OFF LIGHT | EV-E017 | 1 |
| 61 | 6 TERMINAL SOLENOID (FORWARD/REVERSE) | EV-E021 | 2 |
| 69 | AMMETER | EV-E029 | 1 |
| 74 | TOGGLE SWITCH | EV-E035 | 1 |
| 75 | HORN BUTTON | EV-E041 | 1 |
| 78 | DIRECTIONAL INDICATOR PLATE | EV-A006 | 1 |
| 143 | STEERING WHEEL | EV-S012 | 1 |

POTBOX

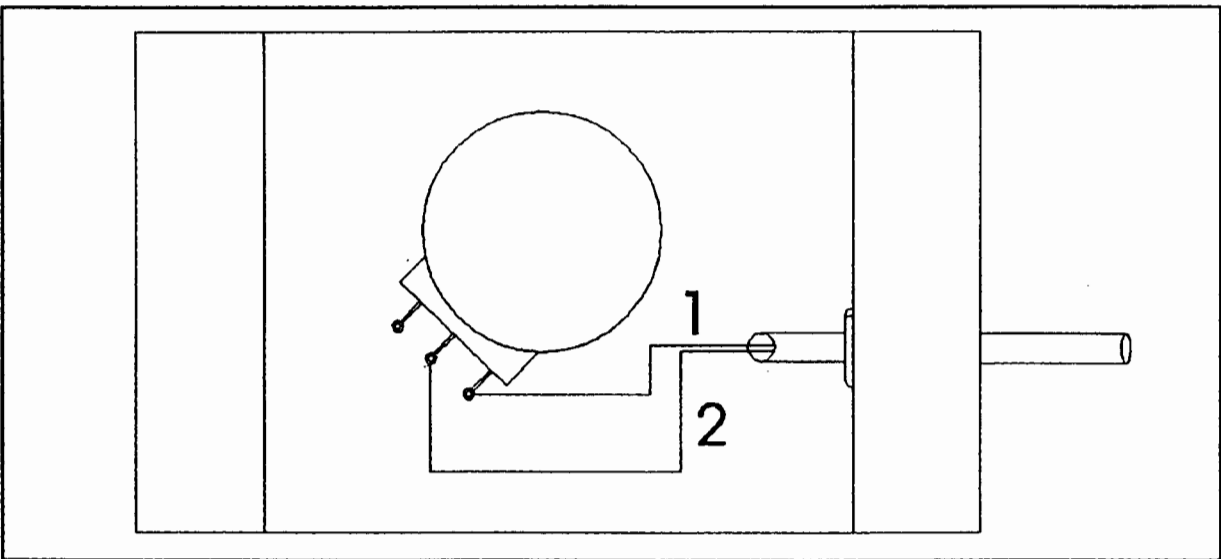
The potbox is located on a bracket on the rear of the vehicle. The potbox should be firmly attached to its mount so as to ensure proper adjustment with the accelerator pedal. Most causes of potentiometer failure are due to **IMPROPER ADJUSTMENT**.



EV-E031 POTBOX

The following are the available parts for the potbox:

- 1) Potentiometer, EV-E038
- 2) Potbox Spring, EV-E040
- 3) Microswitch, EV-E037

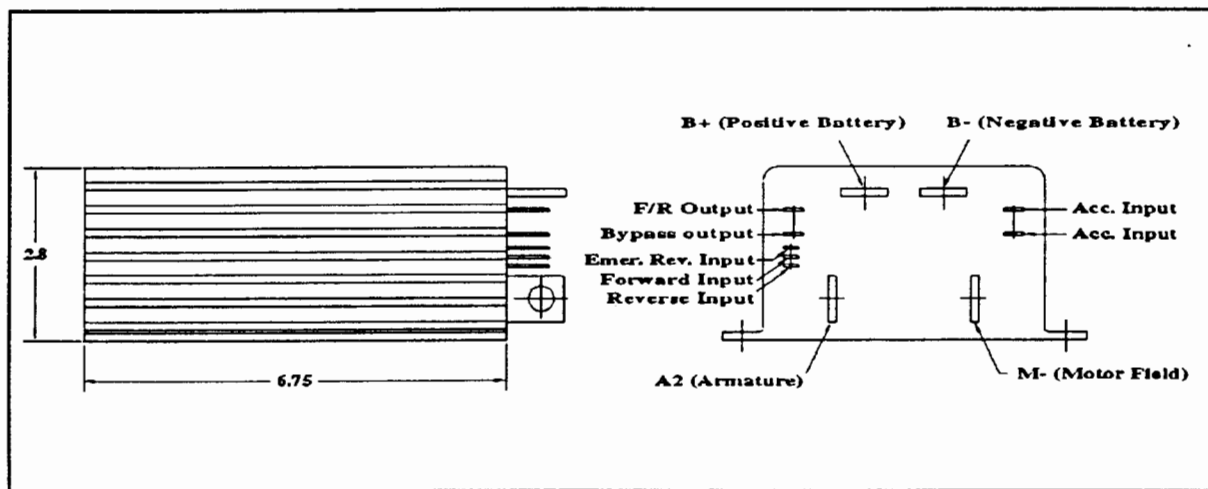


Potbox Wiring Diagram (Interior View)

Please note that the black wire connects to terminal 1, while the white wire is to be connected to the middle terminal. Terminal number 3 is not used for this application.

CONTROLLER DATA

The Pack Mule controller is a power MOSFET electronic DC motor speed controller designed to provide speed and torque control for the Wesley Pack Mule LLC. The controllers use the latest in semiconductor technology. This controller features simple installation and a sealed anodized solid aluminum housing.



| <u>MODEL NUMBER</u> | <u>INPUT VOLTAGE</u> | <u>CURRENT LIMIT</u> | <u>2 MIN. RATING</u> | <u>5 MIN. RATING</u> | <u>1 HOUR RATING</u> | <u>VOLT. DROP</u> | <u>UNDER VOLT</u> |
|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|-------------------|-------------------|
| 1204-001 | 24-36 | 275 | 275 | 200 | 125 | 35V | 16 |

RECOMMENDED SPARE PARTS

The following are parts that are recommended to be kept on hand at all times. The quantities listed below are quantities to be kept per vehicle operated.

| <u>PART NUMBER</u> | <u>DESCRIPTION</u> | <u>QUANTITY</u> |
|--------------------|----------------------|-----------------|
| EV-E013 | 130 Amp Fuse | 2 |
| EV-E014 | Solenoid, 4 Terminal | 1 |
| EV-E015 | 10 Amp Fuse | 2 |
| EV-E021 | Solenoid, 6 Terminal | 1 |
| EV-E040 | Spring for Potbox | 2 |
| EV-E037 | Micro Switch | 1 |
| EV-E038 | Potentiometer | 1 |

TRANSAXLE MAINTENANCE AND REPAIR

Important considerations in assembling and disassembling the transaxle for the Pack Mules include cleanliness, replacement of bearings and seals, careful removal of snap rings, and the application of adequate torque on bolts, bearings and screws. For these procedures, the proper tools are required. Some of the service operations require special tools, such as oil seal, bearing and slide hammer pullers.

Wesley Pack Mule LLC recommends that “original equipment” service parts be used in the event that parts need to be replaced.

All maintenance personnel should be aware that the transaxle is a precision assembly, and as such, repair and replacement of parts must be done with great care in a clean environment. The following are general recommendations that relate to work on the transaxle:

WARNING: Safety glasses should be worn at all times when assembling and disassembling

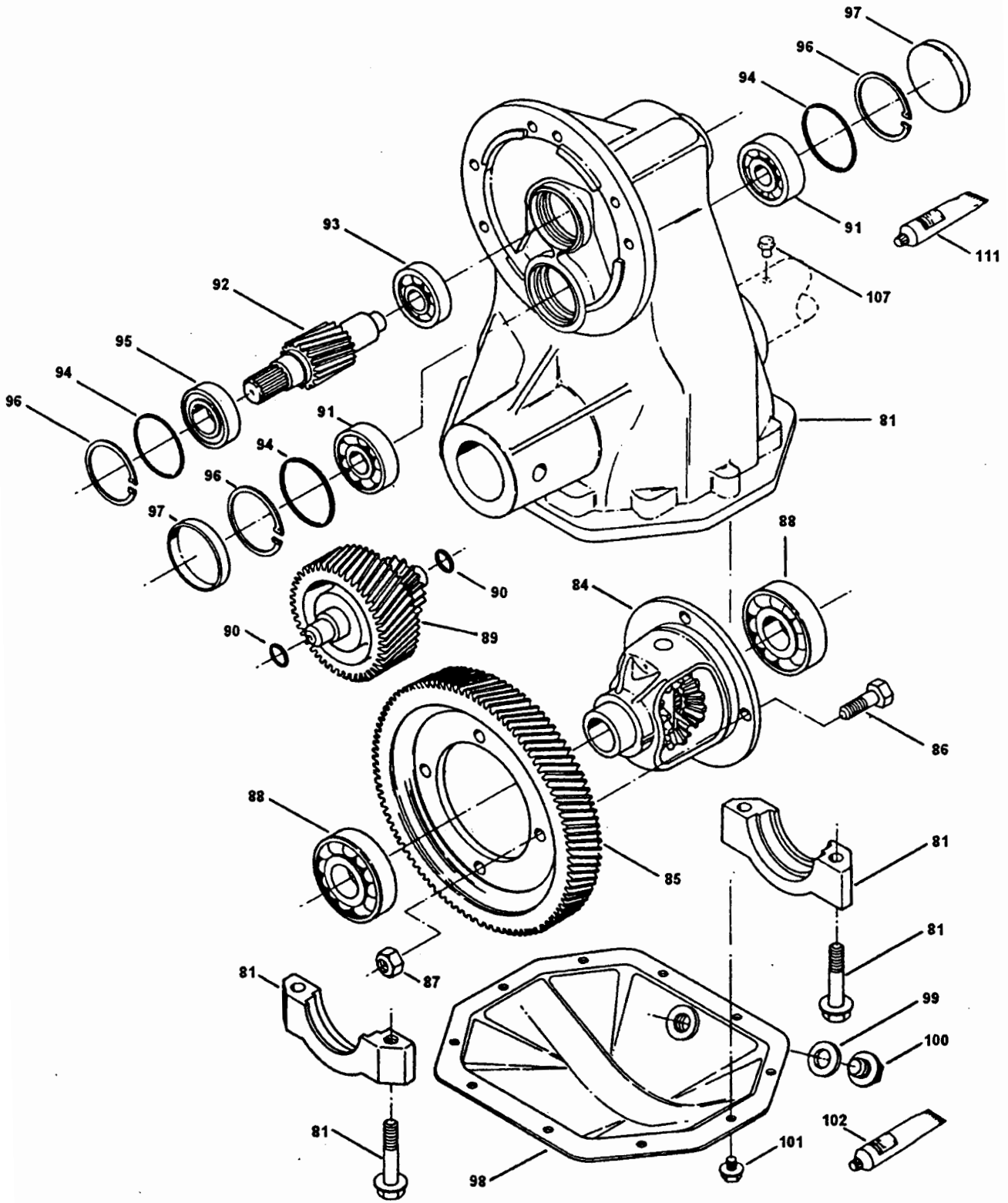
- Handle all gears with extreme care.
- Degrease axle assembly before disassembling.
- Clean parts in small wash tank prior to re-assembly.
- Replace bearings, seals, and O-rings if removed, regardless of mileage.
- Replace nuts used on ring gear and brake installation during service regardless of mileage.
- Remove bearing and seals with special pullers.
- When removing the cover plate, position the transaxle over a drain pan.
- Bearing caps are marked for identification. Letter or numbers are stamped in horizontal or vertical positions. During reassembly, place them back in their original positions.
- Whenever disassembling, use caution as to not damage sealing surfaces such as the housing sealing surface. Snap rings must be removed or installed with care to prevent damage to bearings, seals and bearing boxes.
- Use soft, clean, and lintless towels to dry components after cleaning.
- Do not air dry bearings with compressed air.
- Apply anti-seize compound to the axle shaft spline to prevent wear and corrosion.
- Use Heavy Duty 90W Gear Oil.

TORQUE INFORMATION

Apply the following torque to the particular components listed:

| | |
|--------------------------------|--|
| Differential Bearing Caps..... | 35-45 Ft. Lbs. |
| Ring Gear Bolts..... | 35-45 Ft. Lbs. |
| Cover Plate Screws..... | 18-25 Ft. Lbs. |
| Fill Plug..... | 25-40 Ft. Lbs. |
| Brake Hardware..... | 23-35 Ft.-Lbs. |
| Spindle Nut..... | 65-75 Ft.Lbs. then tighten to next slot. |

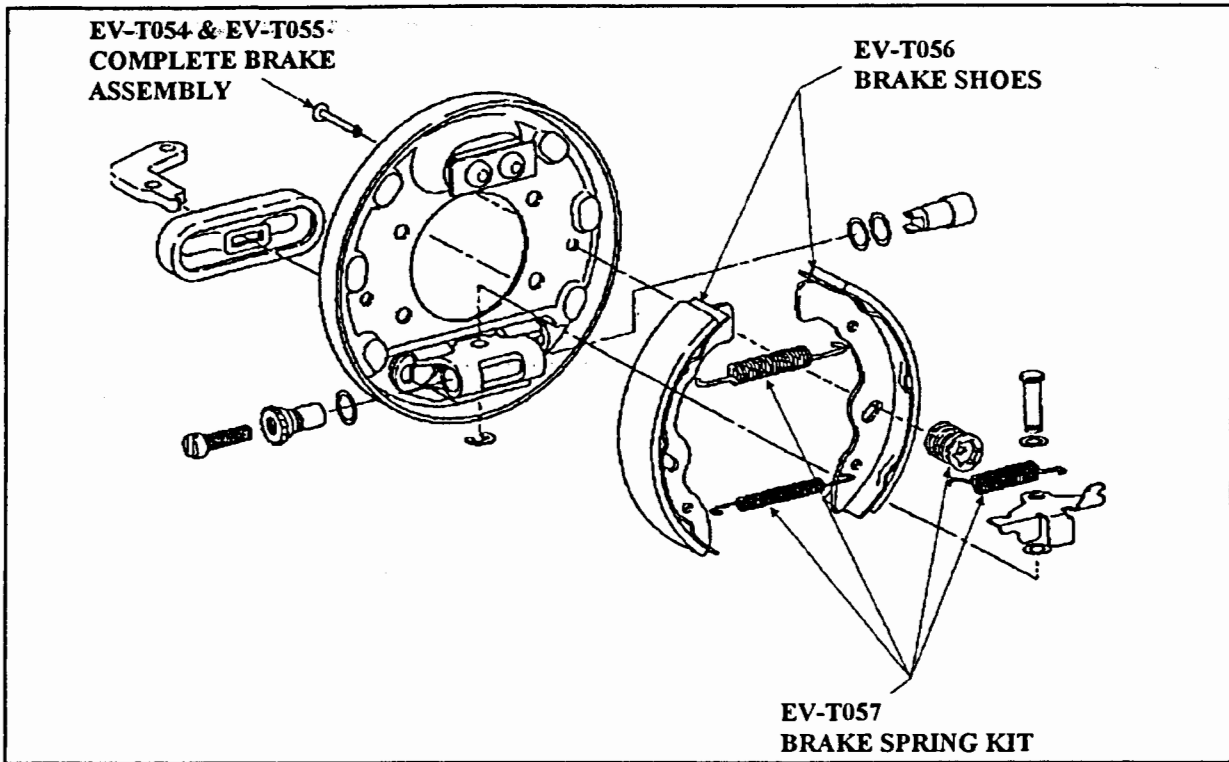
TRANSAXLE DIAGRAM



TRANSAXLE PARTS LIST

| DWG.# | DESCRIPTION | P/N | QTY |
|-------|---------------------------------|---------|-----|
| 81 | CARRIER SUB-ASSEMBLY | EV-T001 | 2 |
| 84 | DIFFERENTIAL CASE ASSEMBLY | EV-T004 | 1 |
| 85 | GEAR OUTPUT | EV-T005 | 1 |
| 86 | CAP SCREW | EV-T006 | 4 |
| 87 | NUT | EV-T007 | 4 |
| 88 | BEARING, BALL | EV-T008 | 2 |
| 89 | INT. SHAFT & GEAR ASSEMBLY | EV-T009 | 1 |
| 90 | O-RING | EV-T010 | 2 |
| 91 | BEARING, BALL | EV-T011 | 2 |
| 92 | INPUT SHAFT | EV-T012 | 1 |
| 93 | BALL BEARING | EV-T013 | 1 |
| 94 | O-RING | EV-T014 | 3 |
| 95 | BALL BEARING | EV-T015 | 1 |
| 96 | SNAP RING | EV-T016 | 3 |
| 97 | PLUG, CUP | EV-T017 | 2 |
| 98 | COVER CARRIER | EV-T018 | 1 |
| 99 | FLAT WASHER | EV-T019 | 1 |
| 100 | FILL PLUG | EV-T020 | 1 |
| 101 | SCREW COVER PLATE | EV-T021 | 10 |
| 102 | COVER PLATE SEALANT | EV-T022 | 1 |
| 103 | SHAFT, AXLE L.H. | EV-T023 | 1 |
| 104 | TUBE ASSY. - L.H. | EV-T024 | 1 |
| 105 | SHAFT, AXLE, R.H. | EV-T025 | 1 |
| 106 | TUBE ASSY. - R.H. | EV-T026 | 1 |
| 107 | VENT | EV-T027 | 1 |
| 108 | BEARING | EV-T028 | 2 |
| 109 | SNAP RING | EV-T029 | 4 |
| 110 | SEAL, OIL | EV-T030 | 2 |
| 111 | ANAEROBIC SEALANT | EV-T031 | 1 |
| 113 | BRAKE ASSEMBLY, SHOE TYPE, L.H. | EV-T054 | 1 |
| 114 | BRAKE ASSEMBLY, SHOE TYPE, R.H. | EV-T055 | 1 |

BRAKE AND AXLE

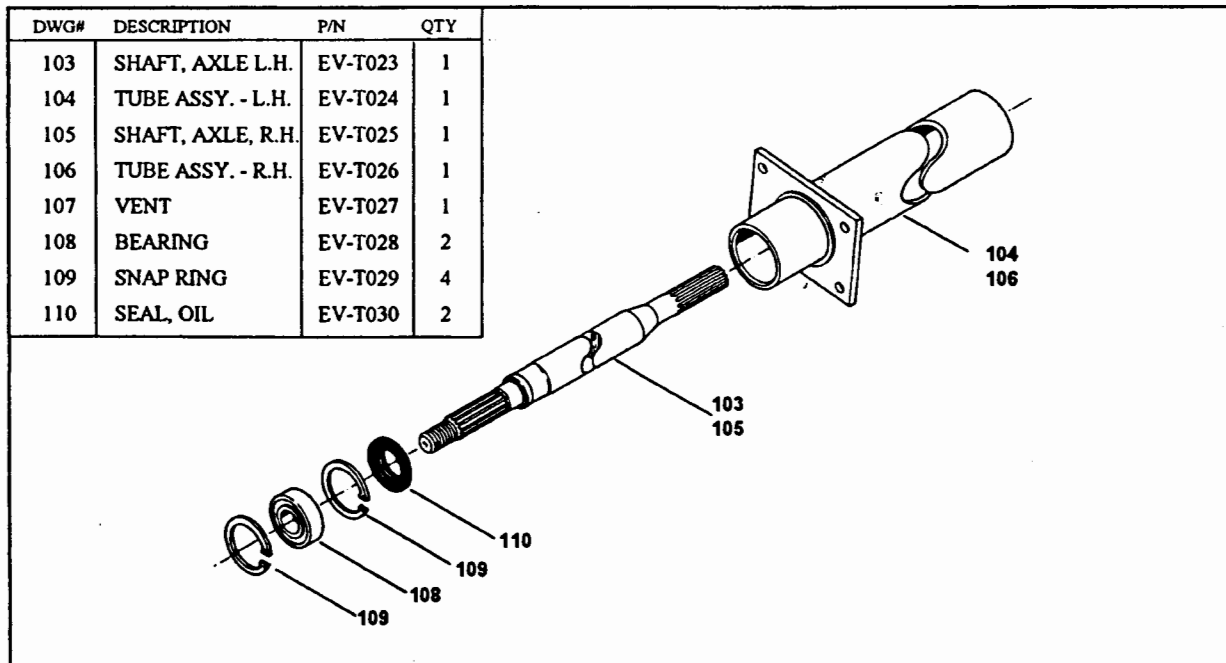


DWG # 113 & 114. Brake Assembly, EV-T054, Left Hand (Illustrated)

Wesley Pack Mule LLC offers the following kits for the braking system:

- 1) Brake Assembly (complete), EV-T054 (LH) AND EV-T055 (RH)
- 2) Brake Shoes (1 Wheel), EV-T056
- 3) Brake Spring Kit (1 Wheel), EV-T057

AXLE ASSEMBLY Left Hand (Illustrated)



TROUBLE-SHOOTING

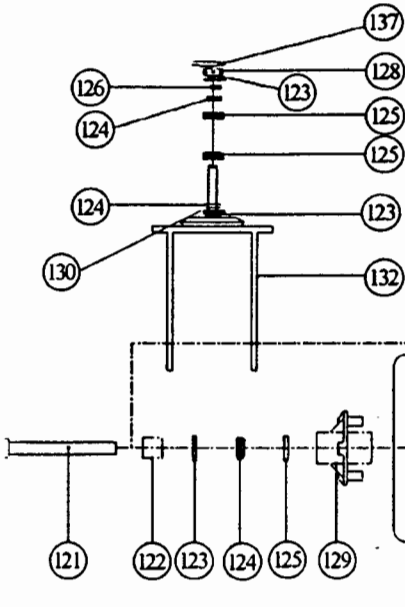
Before checking or repairing any part of the vehicle, ensure that all safety precautions have been taken. Electrical control systems adjustments should only be made by qualified personnel, due to the use of special equipment and instruments. If there is ever a question about the sensitivity of an adjustment or the difficulty of that adjustment, please feel free to contact Wesley Pack Mule LLC using our toll free number 1-800-241-2869.

| SYMPTOM | POSSIBLE CAUSE | SOLUTION |
|--|--|---|
| VEHICLE DOES NOT RUN | <p>Main fuse blown Short circuit</p> <p>Motor</p> <p>Small (10 Amp) fuse blown Short circuit</p> <p>Faulty control circuit Faulty connections Solenoid Battery Ignition Fuse</p> <p>Malfunction of solenoid Faulty batteries</p> <p>Malfunction of solid state controller.</p> | <p>Trace the main power line from the fuse and check for a short circuit.</p> <p>Send motor to authorized G.E. motor service center.</p> <p>Trace wires from the fuse and check for a short (any bare wire that touches the chassis or common ground wire)</p> <p>Replace faulty element Check all connections to insure that all are tight and clean</p> <p>Inspect or replace Check with hydrometer* and replace faulty batteries</p> <p>Consult manufacturer and replace</p> |
| MOTOR RUNS IN THE WRONG DIRECTION | <p>Reversed toggle switch wires</p> | <p>Check the forward and reverse toggle switch for proper connections.</p> |
| VEHICLE LOSES LOW OR HIGH SPEED | <p>Malfunction of potbox.</p> <p>Malfunction of solid state control unit or accelerator</p> | <p>Check potbox and replace potentiometer or spring microswitch if necessary.</p> <p>Consult manufacturer and replace.</p> |

| SYMPTOM | POSSIBLE CAUSE | SOLUTION |
|---|--|---|
| ROUGH BRAKING | <p>Worn brake band shoes.</p> <p>Malfunction of tension spring.</p> <p>Speed control linkage</p> | <p>Adjust or replace brake band shoes by backing off the lock nut, tightening the tension nut and tighten the lock nut back into place.</p> <p>Inspect the tension spring to insure proper tension.</p> <p>Check speed control linkage to insure that the motor is not on when the pedal is fully released.</p> |
| CHARGER DOES NOT WORK | <p>Blown fuse</p> <p>Batteries are fully charged</p> <p>Battery damaged</p> <p>Charger failure</p> <p>Faulty ammeter</p> | <p>Inspect circuit and replace fuse</p> <p>Disconnect batteries</p> <p>Check batteries with hydrometer.*</p> <p>Replace charger</p> <p>By-pass ammeter-replace</p> |
| BATTERY UNABLE TO FULLY RECHARGE | <p>Battery fluid level low</p> <p>Battery worn out</p> | <p>Check water level of batteries and fill with distilled water</p> <p>After allowing enough time for the batteries to recharge, check with hydrometer.*</p> |

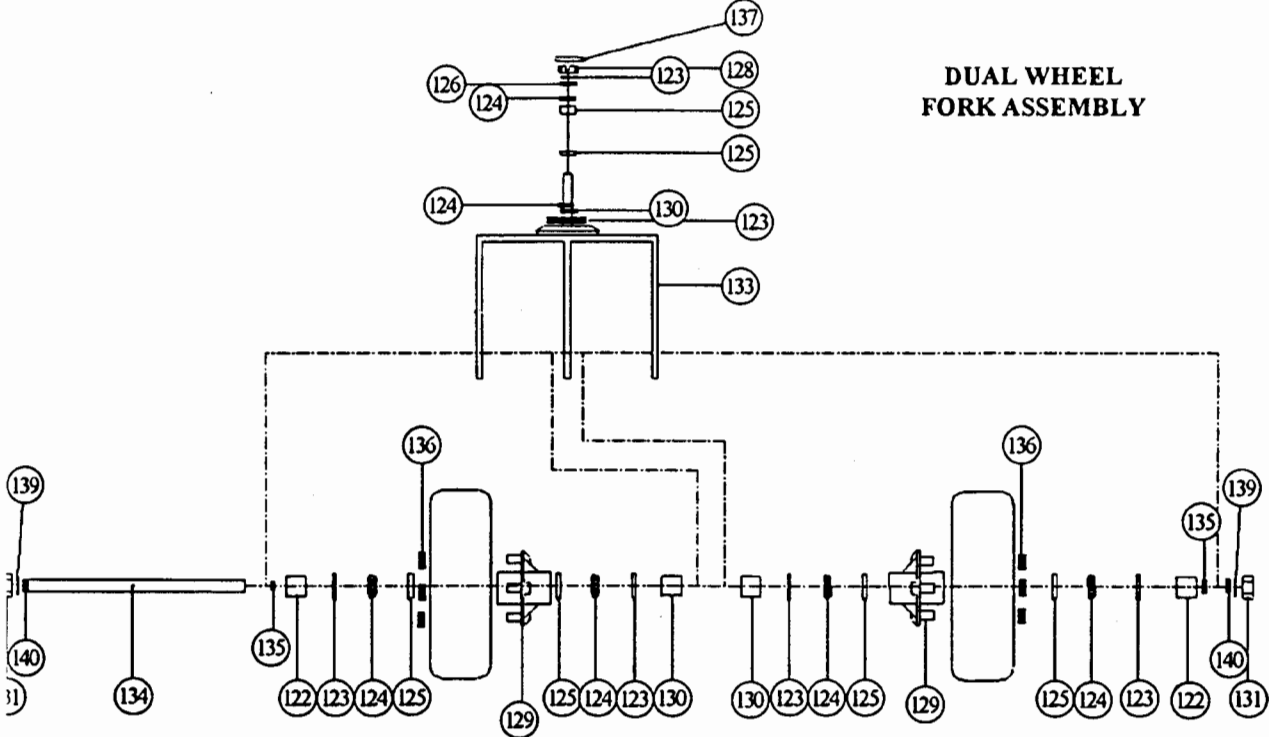
* See maintenance requirements.

FRONT FORK WHEEL ASSEMBLY



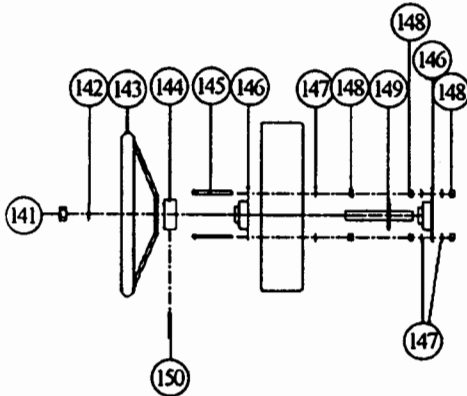
**SINGLE WHEEL
FORK ASSEMBLY**

| ITEM | DESCRIPTION | P/N |
|------|--------------------------------------|---------|
| 121 | FRONT WHEEL AXLE BOLT | EV-W003 |
| 122 | FRONT BEARING SLEEVE (2) | EV-W007 |
| 123 | OIL SEAL (4) (6 on Dual Wheel) | EV-W008 |
| 124 | TAPERED ROLLER BEARING (4 or 6) | EV-W009 |
| 125 | BEARING RACE (4) (6 on Dual Wheel) | EV-W010 |
| 126 | BUSHINGS-SHORT | EV-W011 |
| 128 | 1" THIN SLOTTED HEX NUT | EV-W013 |
| 129 | HUB W/STUDS (2 on Dual Wheel) | EV-W001 |
| 130 | SPACER-LONG (1) (3 on Dual Wheel) | EV-W014 |
| 131 | 1" SLOTTED HEX NUT (2 on Dual Wheel) | EV-W006 |
| 132 | FRONT WHEEL FORK ASSEMBLY | EV-W015 |
| 133 | DOUBLE FORK ASSEMBLY | EV-W016 |
| 134 | DUAL FRONT WHEEL AXLE | EV-W017 |
| 135 | 1" THIN HEX NUT (2 on Dual Wheel) | EV-S017 |
| 136 | FRONT LUG NUTS (4) (8 on Dual Wheel) | EV-W006 |
| 137 | COTTER PIN 3/16 - 1 1/4" | EV-W025 |
| 139 | 1" LOCK WASHER (2 on Dual Wheel) | EV-W026 |
| 140 | 1" FLAT WASHER (2 on Dual Wheel) | EV-W027 |



**DUAL WHEEL
FORK ASSEMBLY**

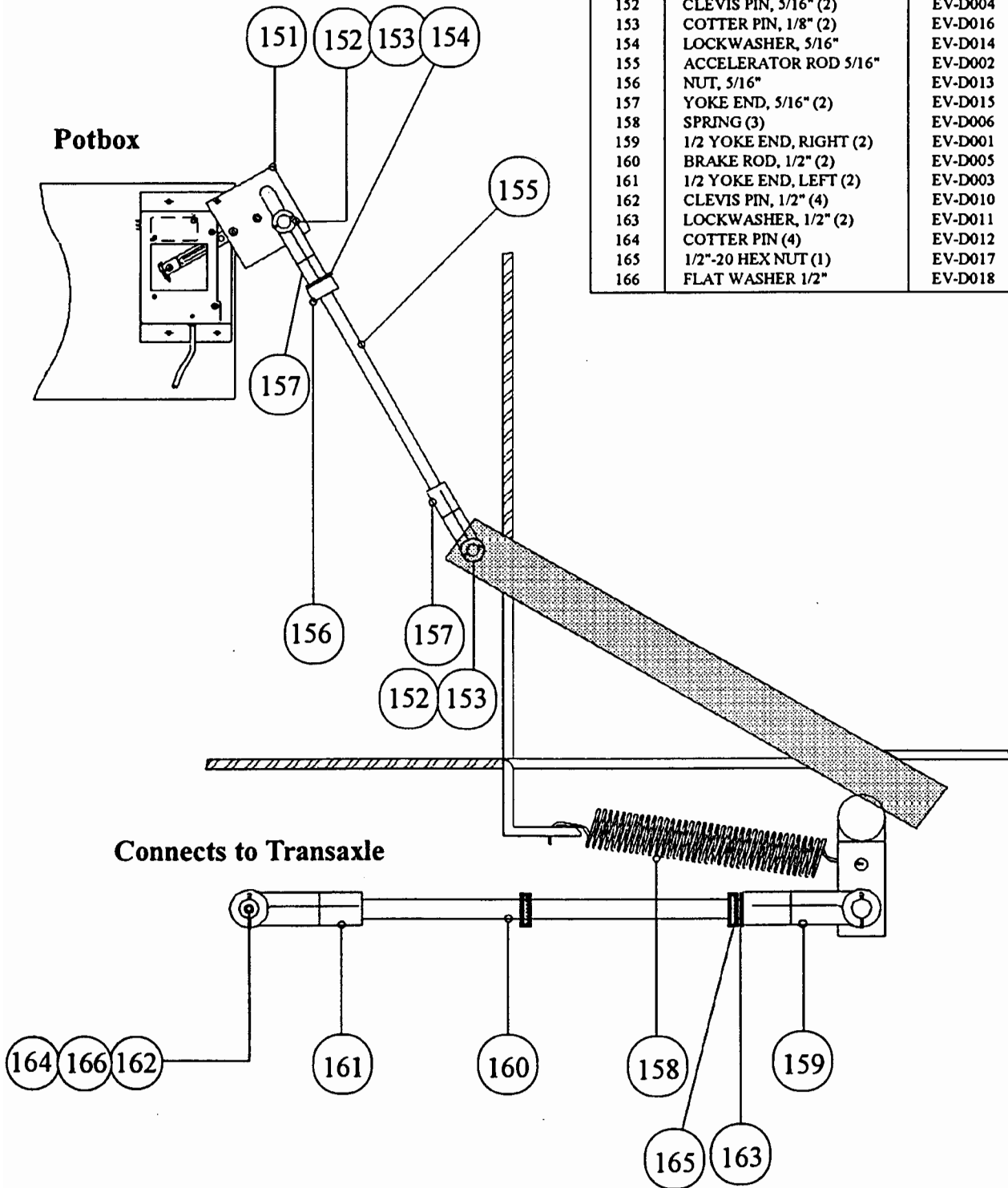
STEERING ASSEMBLY



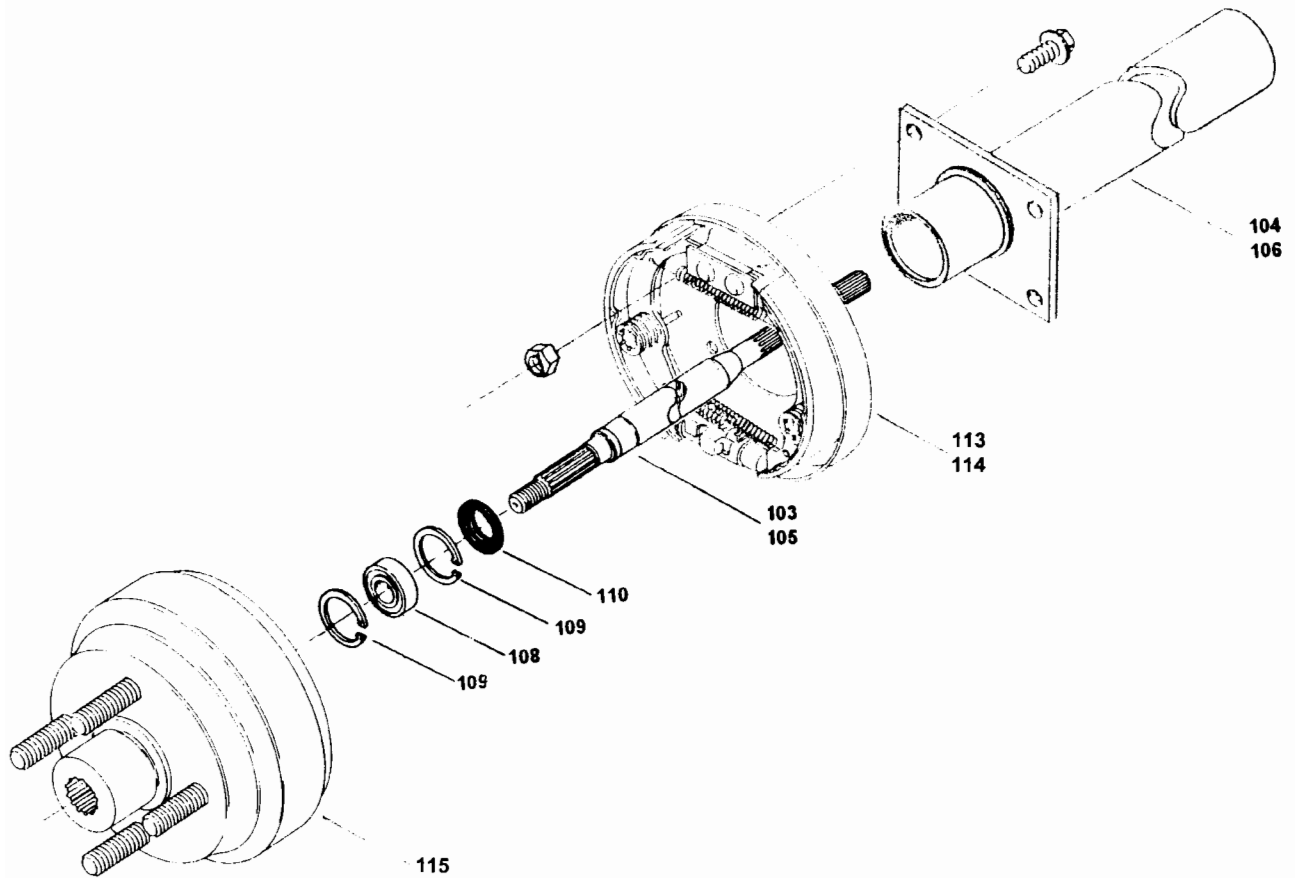
| ITEM | DESCRIPTION | P/N |
|------|----------------------------|---------|
| 141 | STEERING WHEEL NUT 3/4 | EV-S024 |
| 142 | LOCKWASHER 3/4 | EV-S025 |
| 143 | STEERING WHEEL | EV-S012 |
| 144 | DONUT ADAPTER | EV-S013 |
| 145 | 3/8-16" BOLT 3" LONG (2) | EV-G007 |
| 146 | STEERING WHEEL BEARING (2) | EV-S011 |
| 147 | LOCKWASHER, 3/8" (6) | EV-G010 |
| 148 | NUT, 3/8-16" (6) | EV-G005 |
| 149 | AXLE AND SPROCKET | EV-S014 |
| 150 | ROLL PIN 3/16 X 2" | EV-S017 |

ACCELERATOR LINKAGE

| ITEM | DESCRIPTION | P/N |
|------|-------------------------|---------|
| 151 | ACCELERATOR BRACKET | EV-D009 |
| 152 | CLEVIS PIN, 5/16" (2) | EV-D004 |
| 153 | COTTER PIN, 1/8" (2) | EV-D016 |
| 154 | LOCKWASHER, 5/16" | EV-D014 |
| 155 | ACCELERATOR ROD 5/16" | EV-D002 |
| 156 | NUT, 5/16" | EV-D013 |
| 157 | YOKE END, 5/16" (2) | EV-D015 |
| 158 | SPRING (3) | EV-D006 |
| 159 | 1/2 YOKE END, RIGHT (2) | EV-D001 |
| 160 | BRAKE ROD, 1/2" (2) | EV-D005 |
| 161 | 1/2 YOKE END, LEFT (2) | EV-D003 |
| 162 | CLEVIS PIN, 1/2" (4) | EV-D010 |
| 163 | LOCKWASHER, 1/2" (2) | EV-D011 |
| 164 | COTTER PIN (4) | EV-D012 |
| 165 | 1/2"-20 HEX NUT (1) | EV-D017 |
| 166 | FLAT WASHER 1/2" | EV-D018 |



HUB & DRUM, AXLE, and BRAKE



| DWG# | DESCRIPTION | P/N | QTY |
|------|---------------------------------|---------|-----|
| 103 | SHAFT, AXLE L.H. | EV-T023 | 1 |
| 104 | TUBE ASSY. - L.H. | EV-T024 | 1 |
| 105 | SHAFT, AXLE L.H. | EV-T025 | 1 |
| 106 | TUBE ASSY. - L.H. | EV-T026 | 1 |
| 107 | * VENT | EV-T027 | 1 |
| 108 | BEARING | EV-T028 | 2 |
| 109 | SNAP RING | EV-T029 | 4 |
| 110 | SEAL, OIL | EV-T030 | 2 |
| 113 | BRAKE ASSEMBLY, SHOE TYPE, L.H. | EV-T054 | 1 |
| 114 | BRAKE ASSEMBLY, SHOE TYPE, R.H. | EV-T055 | 1 |
| 115 | HUB & DRUM ASSY. W/ STUDS | EV-T058 | 2 |
| 116 | * CASTLE JAM NUT/ SLOTTED | EV-T059 | 2 |
| 117 | * COTTER PIN | EV-W025 | 2 |

* NOT PICTURED!

Wesley Pack Mule LLC

LIMITED WARRANTY

Wesley Pack Mule LLC, will repair or exchange parts for this product free of charge in the event of a defect in materials or workmanship as follows:

PARTS: (excluding motor, transaxle, charger, and batteries)

New or rebuilt parts in exchange for defective parts for six (6) months from date of shipment from our plant.

LABOR: Purchaser's labor cost or other charges for correcting defects or making additions will not be allowed.

COMPONENT PARTS: These are covered by their respective companies' warranties as follows:

| | |
|-----------|------------------------|
| Motor | 18 months |
| Transaxle | 12 months |
| Charger | 24 months |
| Batteries | Manufacturers Warranty |
| Tires | Manufacturers Warranty |

This warranty covers failures due to defects in materials and workmanship which occur during normal use and does not cover damage which occurs during shipping or failures which result from alteration, accident, misuse, abuse, neglect, improper maintenance, or service not authorized by Wesley Pack Mule LLC.

LIABILITY LIMITATIONS: Under no circumstances shall Wesley Pack Mule LLC be liable for consequential or incidental damages of any nature (whether based on contract or tort) including, but not limited to, loss of production, delays or expense. The liability of Wesley Pack Mule LLC shall not, under any other circumstances, exceed the purchase price of the product furnished.

SAFETY DEVICES: Wesley Pack Mule LLC certifies that the product will comply with OSHA standards (in effect at the time of order acceptance by Wesley Pack Mule LLC) that relate solely to the physical characteristics and not to the circumstances of use (including noise) of the products. The products are provided with only those safety devices identified herein. It is the responsibility of the purchaser to furnish other appropriate safety devices in compliance with OSHA standards, or which are desired by the purchaser and/or required by other laws.

RETURNS: Wesley Pack Mule LLC will not accept products returned for repair or replacement or credit unless the return is authorized by Wesley Pack Mule LLC in writing.



WESLEY PACK MULE LLC
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