

PENCPAC ALLEY-GATOR RIGHT-HAND™

OPERATOR'S MANUAL





ALLEY-GATOR RIGHT-HAND™
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NOTE: Manual subject to change without notice.

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Introduction

The purpose of this manual is to introduce operators to the operational procedures for the ALLEY-GATOR RIGHT-HAND™. For information regarding maintenance procedures, refer to the maintenance manual of the ALLEY-GATOR RIGHT-HAND™.

Pre-operating Instructions

It is imperative that you have carefully reviewed this manual prior to operating and/or performing any maintenance to your new ALLEY-GATOR RIGHT-HAND™ Automated Side Loader.

Upon receipt of your new ALLEY-GATOR RIGHT-HAND™, perform a complete lubrication of the unit. Mechanisms must be properly lubricated (see lubrication decal affixed to the side of body for details). Factory lubrication is adequate for production and transport purposes only. In addition, the return filter element must be replaced after 50 hours of use. Refer to the maintenance manual for instructions.

Warning!

ALLEY-GATOR RIGHT-HAND™ units *must be operated by only one person.*



Mission Statement

Labrie Enviroquip Group is dedicated to provide innovative designs, customized quality equipment and elite customer service.

Vision Statement

The team at Labrie Enviroquip Group will successfully lead the way the world views waste management. We will excel at enhancing our community and protecting the global environment. We are committed to being a profitable company for our customers, shareholders and employees.

Introducing the ALLEY-GATOR RIGHT-HAND™

The ALLEY-GATOR RIGHT-HAND™ is a straight-frame, side-loading vehicle, manufactured to the highest standards, designed to fully-automate the collection of residential and commercial refuse and recycling materials.

The Right-Hand™ arm (Figure 1-1), which is a zero-grab arm, is ideal for narrow streets. Its longest reach on the market is unmatched by any other manufacturer, facilitating bin collection even between parked cars.

Figure 1-1 Right-Hand™ arm



NHTSA Warning

Defects found with your ALLEY-GATOR RIGHT-HAND™ Automated Side Loader that are believed to cause injury or death or cause a crash should be immediately reported to the National Highway Traffic Safety Administration.

In addition, these defects should be immediately reported to Labrie Enviroquip Group by notifying our service department.

To contact NHTSA, you may call:

1(800) 424 9393 or 1 (202) 366 0123

Written communications may be directed to:

NHTSA, U.S. Department of Transportation, Washington, D.C. 20590

Additional motor vehicle safety information is available from the above noted toll-free hotline.

To Contact Labrie Plus

In the U.S.

Address: 1981 W. Snell Road
Oshkosh, WI 54904

Toll Free: 1-800-231-2771

Telephone: 1-920-233-2770

General Fax: 1-920-232-2496

Sales Fax: 1-920-232-2498

Parts and warranty: During business hours, 7:00 AM to 7:00 PM Central Standard Time

Technical Support Service: Available 24 hours

In Canada

Address: 175 Route du Pont
St-Nicolas, QC G7A 2T3

Toll Free: 1-877-831-8250

Telephone: 1-418-831-8250

Service Fax: 1-418-831-1673

Parts Fax: 1-418-831-7561

Parts and warranty: During business hours, 8:00 AM to 5:00 PM Eastern Standard Time

Technical Support Service: Available 24 hours

Website: www.labriegroup.com

E-mail (Sales Dept.): sales@labriegroup.com

E-mail (Customer Service): service@labriegroup.com

IMPORTANT: For technical support and parts ordering, the serial number of your vehicle is required. Therefore, Labrie Enviroquip Group recommends to keep record of the information found on the VIN plate, which is located in the cab.



Safety

Safety comes first and Labrie Enviroquip Group is committed to your safety. Ultimately, safety is everyone's responsibility when operating or maintaining your ALLEY-GATOR RIGHT-HAND™ Automated Side Loader. Make it your first priority! Be aware and apply the safety practices and features detailed in this manual.

ALLEY-GATOR RIGHT-HAND™ equipment operators are required to become knowledgeable with the operation procedures as well as the safety precautions of all operating applications. Refer to the pertaining sections of this manual prior to operating your ALLEY-GATOR RIGHT-HAND™ unit.

Maintenance personnel should not perform any maintenance on the equipment if they are not well acquainted with the operations of the equipment as well as all safety precautions related to such operations.

Labrie Enviroquip Group will not accept any responsibility for failures and/or injuries caused by repairs done by the user and/or any persons other than authorized Labrie Enviroquip Group representatives.

Safety Precautions for the Owner

Labrie Enviroquip Group strongly believes that safety is a team effort. With this in mind, we encourage the employer to implement the following guidelines:

- ♦ Provide all employees – both operators and maintenance personnel – with proper safety procedures and training. Ensure that they are provided with the proper vehicle operation training and continually monitor their operational procedures. It is necessary that they have reviewed the ALLEY-GATOR RIGHT-HAND™ manuals and are familiar with all the warning decals on the vehicle.

- ◆ Provide operators with the necessary route rules and regulations. Instruct operators on awareness to road hazards such as people, obstructions and overhead hazards. Please ensure that all vehicle safety features, such as body safety props and tailgate props, are utilized by your personnel when operating or servicing the ALLEY-GATOR RIGHT-HAND™.
- ◆ Provide and inform employees to wear the necessary safety equipment.
- ◆ Ensure that a vehicle and safety equipment inspection is performed daily. Document the inspections, including all maintenance, repair and malfunction items. Keep inspection documents complete and current.

IMPORTANT: Under no circumstances should your ALLEY-GATOR RIGHT-HAND™ be operated if damaged or malfunctioning. Have all repairs performed immediately.

Safety Precautions for the Employee

As an operator or maintenance employee, it is your responsibility to follow these guidelines:

- ◆ Ensure that you have been provided with safe operating and/or maintenance service training and procedures by your employer prior to operating the vehicle or performing maintenance service.
- ◆ Carefully read this manual.
- ◆ Obey proper operating procedures, safety guidelines and warning decals.
- ◆ Use the vehicle only as intended.
- ◆ Perform a daily vehicle inspection that includes the body and all operating systems, all vehicle safety equipment and safety decals located on and in your vehicle. Ensure that the inspection is documented and bring any defects to the attention of your supervisor.
- ◆ Prior to leaving for your daily route, ensure that all mirrors, windows and lights are clean and properly adjusted. Ensure that all cameras and monitors are properly adjusted and operating correctly.
- ◆ On your daily route, or during your service duties, stay safe. Obey all safety decals and safe operating procedures. Watch for other people, obstructions and overhead hazards.
- ◆ Always utilize the vehicle safety features, such as tailgate props and hoisted body prop.
- ◆ Remember to wear all safety equipment when loading and packing refuse or while performing service duties.

IMPORTANT: Under no circumstances should you operate damaged or malfunctioning equipment. Report all malfunctions to your supervisor immediately.

ALLEY-GATOR RIGHT-HAND™ Road Rules

Rule the road with safety. Stay safe and help keep those around you safe. Prior to performing your daily route, know and obey the route rules and regulations provided by your employer and follow these important guidelines. As an operator you should never do the following:

- ◆ Drive with the body raised.
- ◆ Drive with an unlocked tailgate.

- ♦ Exit the cab without engaging the chassis parking brake.
- ♦ Back up the truck while unloading refuse.
- ♦ Hoist the body while on uneven ground.
- ♦ Prop a loaded body with the hoist safety prop.
- ♦ Enter the hopper or main body unless the engine is shut off, the key is removed and there is an out-of-service tag on the steering wheel.
- ♦ Stand under a raised body without the safety props in place.

Safety Decal Categories

Recognizing and understanding the safety decals affixed to your vehicle can prevent damage and could prevent injury or even death. Decals fall into the following four categories:

DANGER: (White letters on Red Background) Extreme hazard of severe injury or death.

WARNING: (Black letters on Orange Background) Danger of death or severe injury.

CAUTION: (Black letters on Yellow Background) Danger of injury or equipment damage.

NOTICE: (Black letters on Purple Background - no safety symbol) Practices not related to personal injury.

Figure 2-1 Safety decal categories



Be sure to familiarize yourself with these decals.

Safety Decals and Locations

Pay careful attention to all safety decals and warnings while operating/working in and around the ALLEY-GATOR RIGHT-HAND™ Automated Side Loader. Keep your decals clean and in good condition at all times. For replacement decals, either individual or complete decal kits, call LabriePlus at 1-800-231-2771 in the U.S. or 1-877-831-8250 in Canada, and order using the part numbers as printed on the bottom of the decal or as depicted on the following pages. Bilingual decals are available in English/Spanish or English/French versions.



P/N 0605-760

Located left side of arm. Also both sides of vehicle near tailgate locks



P/N 0605-788



P/N 0605-776

Located on hopper cover, both sides of vehicle



P/N 0605-788

Located both sides of body, near tailgate



P/N 0605-768

Located on body, right side of ladder



P/N 0605-798

NOTICE SETTING TAILGATE PROPS

Located both sides of backdoor, next to tailgate props

PRECAUTIONS

1. DO NOT ATTEMPT TO RUN THIS MACHINE UNTIL YOU HAVE READ AND UNDERSTAND THE CONTENT OF THE OPERATION / MAINTENANCE MANUAL.
2. DO NOT OPERATE MACHINE IN AN UNSAFE MANNER.
3. INSPECT MACHINE FOR LOOSE, BROKEN OR EXCESSIVELY WORN PARTS. DO NOT OPERATE MACHINE UNTIL THOSE PARTS ARE TIGHTENED, REPAIRED OR REPLACED.
4. BEFORE MOVING OR OPERATING MACHINE, MAKE SURE AREA IS CLEAR.
5. LISTEN FOR STRANGE, OR ABOVE NORMAL SOUNDS WHEN MACHINE IS BEING MOVED OR OPERATED. SHUT DOWN MACHINE WHEN SAFE TO DO AND REPORT PROBLEMS TO PROPER AUTHORITY FOR DISPOSITION.
6. WHILE MACHINE IS RUNNING DO NOT ENTER ANY PINCH AREA. DO NOT ENTER REFUSE BODY.
7. BE AWARE OF ALL MOVING MEMBERS, ESPECIALLY ROTATING PARTS.
8. DO NOT ALLOW CLOTHING OR HAIR TO BECOME ENTANGLED IN MACHINERY.
9. STAND CLEAR OF ALL ELEVATED MEMBERS.
10. WHEN CLIMBING ON OR OFF MACHINE, MAKE SURE FOOTWEAR IS FREE OF SLIPPERY OR GREASY MATERIAL.
11. DO NOT LOAD ITEMS WHICH WILL CAUSE DAMAGE TO OR JAMMING OF MECHANISM.
12. BE ALERT FOR FALLING OR FLYING OBJECTS.
13. IF EXPOSURE IS REQUIRED, BLOCK SECURELY, SHUT DOWN ENGINE, REMOVE IGNITION KEY, AUXILIARY ENGINE KEY, AND MASTER FUSE BEFORE ENTERING BODY OR BECOMING EXPOSED TO DANGER ZONE.

PRECAUCION

1. PROCURE NO HACER FUNCIONAR ESTA MAQUINA HASTA QUE HAYA LEIDO Y ENTENDIDO EL CONTENIDO DEL MANUAL DE OPERACION Y MANTENIMIENTO.
2. NO OPERE O HAGA FUNCIONAR LA MAQUINA EN UNA FORMA INSEGURO.
3. REVISE LA MAQUINA PARA SABER SI HAY PIEZAS ROTA, FLOJAS O EXCESIVAMENTE DESGASTADAS. NO OPERE LA MAQUINA HASTA QUE HAY SIDO APRETADAS, REPARADAS O REEMPLAZADAS.
4. ANTES DE MOVAR O HACER FUNCIONAR SU MAQUINARIA, ASEGURESE QUE EL AREA ESTE DESPEJADA.
5. ESTE ATENTO A SONIDOS EXTRANOS O FUERA DE LO NORMAL. SONIDOS CUANDO ESTE MOVIENDO U OPERANDO LA MAQUINA, APAGUELA CUANDO ESTE EN LUGAR SEGURO Y REPORTE ESTAS ANOMALIAS A LA AUTORIDAD COMPETENTE PARA QUE TOME LAS MEDIDAS NECESARIAS.
6. MIENTRAS LA MAQUINA ESTE EN FUNCIONAMIENTO NO ENTRE A CUALQUIER AREA DEL SUJETADOR, NO INTRODUZCA CUERPOS EXTRANOS.
7. ESTE ATENTO A TODOS LOS MIEMBROS EN MOVIMIENTO, ESPECIALMENTE A LAS PARTES GIRATORIAS.
8. NO PERMITA QUE ROPA O CABELLO SE ENREDEN EN LA MAQUINA.
9. MANTENGASE ALEJADO DE TODOS LOS MIEMBROS ELEVADOS.
10. CUANDO SUBA A LA MAQUINA, ENCENDIDA O APAGADA, ASEGURESE QUE EL ACCELERADOR ESTE LIBRE DE MATERIALES RESBALIZOSOS O GRASOSOS.
11. NO CARGUE ELEMENTOS QUE PUEDAN CAUSAR DAÑO O QUE ATORREN EL MANGUERO.
12. ESTE ALERTA DE OBJETOS QUE PUEDAN VOLAR O CAER.
13. SI TIENE QUE EXPOSERSE, BLOQUEE CON SEGURIDAD, APAGUE LA MAQUINA,Quite LA LLAVE, LA LLAVE AUXILIAR, EL FUSIBLE PRINCIPAL ANTES DE ENTRAR FIRMEMENTE O EXPOSERSE A UN AREA PELIGROSA.

P/N 0605-802

Located inside cab, driver door

CAUTION

DISCONNECT ALL batteries and electronic control modules **PRIOR** to welding on body.
Failure to observe this precaution may lead to severe damage to electronic components.

PRUDENCIA

DESCONECTE TODAS las baterías y módulos de control electrónico **ANTES** de soldar la carrocería.
No seguir esta medida preventiva podría causar daños graves a los componentes electrónicos.

0605-813
PENEPAC

P/N 0605-813

Located on the battery box



P/N 0605-809

Located in cab, on the visor

Also on body, left side of ladder

NOTICE

EXTENSION LADDER must be **SECURED** in the **HOME** position while vehicle is in use.

AVISO

Asegurese que la Escalera de Extension se encuentre en posicion plegada cuando el vehiculo este en movimiento.

0605-815
PENEPAC

P/N 0605-815

Located on body, left side of ladder

CAUTION

CHECK OVERHEAD CLEARANCES before dumping containers

PRECAUCIÓN

Asegures que no haya Obstaculos elevados antes de levantar y vaciar contenedor.

0605-804
PENEPAC

P/N 0605-804

Located inside cab, next to control panel

Also on body, left side of ladder



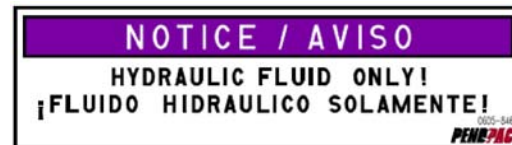
P/N 0605-831
 Located on body, left side of arm



P/N 0605-835
 Located near body prop, both sides of vehicle



P/N 0605-840
 Located on body, left side of arm



P/N 0605-843
 Located on the front face of the hydraulic tank



P/N 0605-843
 Located on the front face of the hydraulic tank

⚠ WARNING



The top of this vehicle is high enough that a fall may result in severe injury or death!

Take the following precautions BEFORE climbing:

- Complete lockout/tagout procedure
- Check for overhead hazards
- Remove mud from footwear
- Use three-limb climbing system

Use caution on roof – may be slippery when wet.

⚠ ADVERTENCIA

La parte superior de este vehículo es lo suficientemente alta como para que una caída pueda producir heridas graves e incluso la muerte.

ANTES de subir, tome las siguientes precauciones:

- Procedimiento de calierre/etiquetado completo
- Compruebe que no haya peligros en la parte superior
- Elimine el lodo de su calzado
- Para subir, utilice un sistema que tenga tres apoyos


¡Precaución! Si se moja, la superficie del techo puede ser resbaladiza.

0605-856
PENPAC

P/N 0605-856

Located on body, high left side of ladder

⚠ CAUTION



TO PREVENT POSSIBLE INJURY OR DEATH

DO NOT GO UNDERNEATH THE VEHICLE WITH THE ENGINE RUNNING.

DO NOT WORK NEAR A ROTATING DRIVESHAFT TO PREVENT GETTING CAUGHT OR ENTANGLED.

DO NOT ATTEMPT TO OPERATE THE CONTROLS OF THE POWER TAKE-OFF OR OTHER DRIVEN EQUIPMENT FROM UNDERNEATH THE VEHICLE WITH THE ENGINE RUNNING.

DO NOT OPERATE THE CONTROLS OF THE POWER TAKE-OFF OR OTHER DRIVEN EQUIPMENT IN ANY POSITION THAT COULD RESULT IN GETTING CAUGHT IN THE MOVING MACHINERY.

DO NOT ATTEMPT TO WORK ON AN INSTALLED POWER TAKE-OFF WITH ENGINE RUNNING.

⚠ PRECAUCION

PARA EVITAR POSIBLES LESIONES O MUERTE

NO PASE POR DEBAJO DEL VEHICULO CON EL MOTOR EN FUNCIONAMIENTO.

NO TRABAJE CERCA DEL EJ PROPULSOR PARA EVITAR SER ATRAPADO O ENREDADO.

NO TRATE DE OPERAR LOS CONTROLES DE LA TOMA DE FUERZA O DE OTRO EQUIPO CONDUcido POR DEBAJO CUANDO ESTE EN FUNCIONAMIENTO DEL MOTOR.

NO HAGA FUNCIONAR LOS CONTROLES DE DESPEGUE O DE OTRO EQUIPO EN CUALQUIER POSICION QUE PUEDA TENER COMO RESULTADO EN SER ATRAPADO POR LA MAQUINA EN MOVIMIENTO.

PROCURE NO TRABAJAR SOBRE UNA TOMA DE FUERZA INSTALADA CON EL MOTOR EN FUNCIONAMIENTO.

0605-859
PENPAC

P/N 0605-859

Located on both sides of the vehicle, on the frame rail



⚠ DANGER

**AMPUTATION HAZARD!
KEEP HANDS AND ARMS CLEAR
WHEN OPERATING DOOR**

⚠ PELIGRO

**¡PELIGRO DE AMPUTACION!
MANTENGA MANOS Y BRAZOS
FUERA CUANDO LA PUERTA
ESTE EN OPERACION**

0605-864
PENPAC

P/N 0605-864

Located on both sides of vehicle, near tailgate locks



P/N 0605-854
Located on body, behind ladder



P/N 0605-853
Located on both sides of back door,
near tailgate props

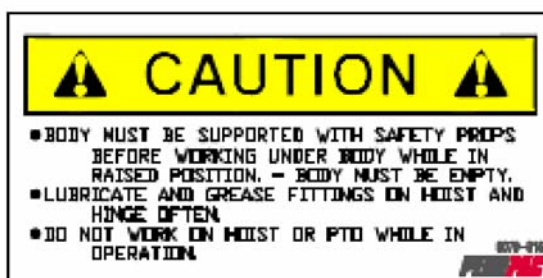


P/N 0605-871
Located mid-height, right side of
back door





P/N 0079-015
Located inside cab, near controls



P/N 0079-016
Located on both sides of vehicle, near body props



P/N 0605-967
Located on the hydraulic tank



P/N 0605-966
Located on the hydraulic tank

LUBRICATION CHART, Right-Hand™ ARM

NO.	DESCRIPTION	FREQUENCY
1	LEFT OUTER RAIL ROLLER BEARING	WEEKLY
2	RIGHT OUTER RAIL ROLLER BEARING	WEEKLY
3	OUTTER RAIL TEFLON GUIDE (MAX EP)	WEEKLY
4	CENTER RAIL HOSE HOLDER	MONTHLY
5	CENTRAL RAIL ROLLER BEARING	WEEKLY
6	CENTRAL RAIL TEFLON GUIDE (MAX EP)	WEEKLY
7	IN/OUT CYLINDER ROD END	WEEKLY
8	IN/OUT CYLINDER BUSHING	WEEKLY
9	LEFT INNER RAIL ROLLER BEARING	WEEKLY
10	RIGHT INNER RAIL ROLLER BEARING	WEEKLY
11	GRIPPER CYLINDER BUSHING	WEEKLY
12	GRIPPER CYLINDER ROD END	WEEKLY
13	GRIPPER RIGHT BLADE PIVOT	WEEKLY
14	GRIPPER LEFT BLADE PIVOT	WEEKLY
15	GRIPPER LEVELING BARS	WEEKLY
16	OUTTER POST BOTTOM PLATES	WEEKLY
17	GRIPPER UP/DOWN ARM	WEEKLY
18	LOAD CHAIN (WURTH-HHS-2000)	WEEKLY
19	INNER POST TEFLON PLATE (MAX EP)	WEEKLY
20	UP/DOWN CYLINDER ROD END	WEEKLY

USE ALL PURPOSE COMMERCIAL LITHIUM BASE GREASE.
NEVER APPLY GREASE ON THE WEAR PLATES; USE MAX EP LUBRICANT OR DISH WASHING SOAP.

LEGEND:

ANY LITHIUM BASE GREASE

MAX EP LUBRICANT

WURTH-HHS-2000 LUBRICANT

P/N 47702

Operating Safely

Prior to operating the ALLEY-GATOR RIGHT-HAND™ Automated Side Loader, the operator must be completely familiar with the location, operation and function of all controls and indicators related to the operation of the vehicle. Refer to “In-Cab Control Console” on page 31.

Please remember, the safe way is the right way!

NOTE: Your unit may not have all the safety features explained here. Check with your supervisor or maintenance department if you have any questions or concerns.

Safety Features

Automatic Grease System

When properly maintained, this optional system automatically ensures that the custom selected points either on the body/chassis receive the required amount of grease.

Counter Balance Valves

Counter balance valves provide a hydraulic lock to prevent cylinders from bleeding oil back into the system. Also, these valves prevent cylinders from retracting in the event of a hose failure. On the Alley-Gator™ vehicles, a counter balance valve is used to lock the pendulum when it is in the up position and there is no hydraulic power.

Grease Manifold

The centrally mounted grease manifold provides external grease nipples for all internal grease points, which removes the need for maintenance personnel to enter the body to grease cylinders and pivot points.

Pilot Operated Check Valves

The pilot operated check valves prevent the discharge of oil out of a cylinder in the event of hose failure (see Figure 2-2).

Figure 2-2 Pilot operated check valve



Environmental Spill Kit (optional)

This kit is used to contain hydraulic oil or diesel spill due to component failure. Consult with your maintenance and safety personnel for availability and location.

Figure 2-3 Optional environmental spill kit (P/N 0072-510)



Access Ladder Proximity Switch

Installed on the access ladder, this proximity switch disables/locks out all hydraulic functions when the ladder is deployed.

Figure 2-4 Extension Ladder Proximity Switch with ladder deployed (left) and in stored position (right)



IQAN MDM Master Control Module

The ALLEY-GATOR RIGHT-HAND™ is equipped with an in-cab IQAN MDM.

Figure 2-5 IQAN MDM



The IQAN MDM is the main unit of the central control system. It contains the system's application software. In addition, the MDM contains a visual interface screen that displays text, parameters and other settings. All communication with the control system takes place from the MDM via the CAN-bus network.

Various error and warning messages may appear on the IQAN MDM screen to warn the operator to certain conditions. In some cases an accompanied buzzer sounds. Those messages are similar to the following:

ARM NOT PARKED: This warning message will appear on the screen when the arm is extended and is not in the home position. *If the vehicle is in motion and the arm is not parked, pedestrians may be injured and/or other obstacles may be struck.*

PACKER BLADE STALL: This warning message will appear on the screen if the packer blade has stalled. *Stalling will occur if the body is full or if an object has jammed the packer blade.*

BODY RAISED: This warning message will appear on the screen and a buzzer will sound if the body is not firmly seated on the chassis. *The body should only be raised during unloading and maintenance.*

TAILGATE OPEN: This warning message will appear on the screen and the backup alarm will sound if the tailgate is not fully closed. *The tailgate should only be open during unloading and maintenance.*

ACCESS LADDER: This warning message will appear on the screen and a buzzer will sound when the access ladder is deployed. *All hydraulic functions become disabled when the access ladder is deployed.*

HYDRAULIC OIL TEMPERATURE: This warning message will appear on the screen and a buzzer will sound if the hydraulic oil temperature becomes dangerously high. *Continuing to operate the hydraulic functions may result in serious damage.*

HOPPER COVER: Your ALLEY-GATOR RIGHT-HAND™ may be equipped with a hopper cover. If so, a warning message will appear on the IQAN MDM screen to alert you that the hopper cover is closed.

Fire Extinguisher (optional)

Your vehicle should be equipped with a fire extinguisher. This may be provided by the chassis manufacturer. A 20 lb (Class A, B, C) fire extinguisher is recommended.

Figure 2-6 Fire extinguisher (optional) P/N 0072-490



First Aid Kit (optional)

Your vehicle should be equipped with a first aid kit. It should be placed inside the cab for quick access.

Figure 2-7 First aid kit (optional)



Global Motion Sensors (optional)

The global motion sensors are an optional feature. The sensors are mounted on the tailgate of your ALLEY-GATOR RIGHT-HAND™. The sensors detect obstructions from behind your vehicle and will then set the service brake and sound a buzzer to alert the operator of the rear obstruction. Please consult your Labrie distributor/dealer for more information.

Rear Vision Camera (optional)

The reverse camera mounted on the back door of the ALLEY-GATOR RIGHT-HAND™ sends images to the monitor inside the cab when the transmission is in reverse or when the switch is set to 'ON'. Please consult your Labrie distributor/dealer for more information.

Figure 2-8 Rear vision camera (optional)



Hopper Camera/Side Door Camera (optional)

The hopper and side door cameras send information to the monitor inside the cab when the monitor is selected to the proper camera. Please consult your Labrie distributor/dealer for more information.

Figure 2-9 Hopper Camera (optional) left/Side door camera (optional) right/Camera monitor (inside cab) center



Hoist Safety Prop

Your ALLEY-GATOR RIGHT-HAND™ is standardly equipped with a hoist safety prop (see Figure 2-10). Prior to performing any work around/underneath a lifted body, you must set the hoist safety prop. Never use the hoist safety prop to prop a loaded body. Always unload the body prior to setting the hoist safety prop. Refer to “Stabilizing a Hoisted Body” on page 28.

Figure 2-10 Hoist safety prop



IMPORTANT: Always unload the unit before setting the hoist safety prop.

Tailgate Safety Locks

The tailgate locks are located on both sides of the rear of the body. The tailgate locks prevent the tailgate from opening accidentally. The locks **MUST ALWAYS BE LATCHED WHEN THE VEHICLE IS IN MOTION. UNLATCH THEM WHEN UNLOADING REFUSE.** Refer to “Utilizing Tailgate Locks” on page 26.

Figure 2-11 Tailgate safety locks in removed position



Tailgate Safety Props

The tailgate safety props are a standard safety feature on the ALLEY-GATOR RIGHT-HAND™ (see Figure 2-12). They are located under the tailgate, one on each side. The tailgate safety props fit into a bracket on the body and prevent the tailgate from closing when you are working beneath/ around an open tailgate. Refer to “Positioning Tailgate Safety Props” on page 27.

Figure 2-12 Tailgate safety prop



Safety Lockout Tests

Your daily inspection includes completing the safety lockout tests. Successful completion of these tests ensure that your vehicle is safe to operate.

If any of these tests fail, do not operate your vehicle until the appropriate adjustment or service has been completed.

NOTE: Your ALLEY-GATOR RIGHT-HAND™ Side Loader may be equipped with other safety lockout options not mentioned here. Consult your supervisor and/or maintenance department if you have any questions or concerns.

Access Ladder Proximity Switch

Performing this test ensures the ASL¹ access ladder proximity switch is working. ***If the access ladder is deployed, all hydraulic functions should stop. It is imperative that you do not operate your ALLEY-GATOR RIGHT-HAND™ with an inoperative or malfunctioning access ladder proximity switch.***

IMPORTANT: *Remember extreme danger exists when working in or around the hopper!*

To perform this test:

1. DEPLOY the access ladder.
2. ENSURE the warning lamp on the control console illuminates (see Figure 3-4), the *access ladder warning message* appears on the IQAN MDM screen (see Figure 2-14), and the buzzer sounds.
3. ATTEMPT to OPEN the tailgate. All hydraulic functions should be DISABLED.
4. IF ANY hydraulic function is OPERATIONAL when the ladder is deployed, NOTIFY your maintenance supervisor immediately.

Location: This proximity switch is located at the base of the access ladder.

1. Automated Side Loader

Figure 2-13 Access ladder in deployed position



Figure 2-14 IQAN MDM display screen



Arm Limit Switches (2)

Performing this test ensures the *Arm not parked* message will appear on the IQAN MDM screen (see Figure 2-14) when the slide is extended from the home position. ***Failure to heed this warning message may result in serious personal injury or material damage from a lift which is extended during travel.*** This warning also prevents dumping of refuse outside the hopper.

To perform this test:

1. PARK the vehicle in a non-traffic area. You should have sufficient room to drive approximately 100 yards (91.44 m) forward.
2. EXTEND the slide.
3. CHECK that the warning lamp on the control console illuminates (see Figure 3-5) and the *Arm not parked* message appears on the MDM screen (see Figure 2-14).
4. DRIVE the vehicle forward and increase engine speed to over 1,000 rpm.
5. STOP the vehicle and return the slide to the 'HOME' position (see Figure 2-16). The *Arm not parked* message on the MDM screen should disappear and the warning lamp should turn off.

6. IF the *Arm not parked* message DOES NOT appear on the MDM screen or the warning lamp DOES NOT illuminate when the lift is EXTENDED and the vehicle engine exceeds 1,000 rpm, NOTIFY your maintenance supervisor immediately.

IMPORTANT: *Do not operate the ALLEY-GATOR RIGHT-HAND™ with inoperative or malfunctioning arm limit switches. Injury or death may occur.*

Location: These limit switches are fixed to the arm support behind the grabber.

Figure 2-15 Arm limit switches



Figure 2-16 Slide retracted and in "HOME" position



Hopper Cover Proximity Switch (if equipped)

Performing this test ensures that you cannot accidentally dump refuse on top of the hopper cover.

To perform this test:

1. CLOSE the hopper cover.
2. ATTEMPT a dump cycle with an EMPTY can.
3. If the dump cycle completes, notify your maintenance supervisor immediately.

NOTE: The lift should still function to approximately 2/3 of the full lift height.

Body Raised Proximity Switch

Performing this test ensures you know when the body is properly seated on the chassis. The body should always be seated unless unloading or servicing is being performed.

IMPORTANT: *Never drive the unit while the body is raised unless unloading.*

To perform this test:

1. LOWER the body using the in-cab console *body UP/DOWN switch*. EXIT the cab and visually CONFIRM that the body is firmly seated on the chassis.
2. UNLATCH tailgate safety locks, and open the tailgate. A buzzer will sound and a warning lamp on the control console will illuminate (see Figure 3-4).

NOTE: When using in-cab controls, the body will not rise unless the tailgate is OPEN. When using manual valve controls, the body can be raised without raising the tailgate. As soon as the body reaches a certain height, a buzzer will sound and a warning lamp on the control console will illuminate (see Figure 3-4).

3. RAISE the body using the in-cab console *body UP/DOWN switch*. A *body raised* message should appear on the MDM screen.
4. IF the warning lamp DOES NOT illuminate or the *body raised* message DOES NOT appear on the screen, NOTIFY your maintenance supervisor immediately.

Location: *This switch is mounted on the curb side of the chassis frame (see Figure 2-17).*

Figure 2-17 Body Raised proximity switch



Lockout Reference Chart

Extension ladder deployed	All hydraulic functions inoperative
Vehicle engine over 1,000 rpm	Slide out, grip close, lift up and grabber inoperative
Slide not extended beyond hopper	Dump inoperative
Lift raised above vertical	Grabber OPEN inoperative

Hopper cover closed (or not fully open) - if equipped	Lift up function will not operate above vertical
Slide in	Body up function inoperative
Body raised	Slide in function inoperative
Tailgate closed & arm not extended	Body will not raise

Lockout/Tagout Procedure

Performing the lockout/tagout procedure should be followed whenever you are inspecting, cleaning or repairing the ALLEY-GATOR RIGHT-HAND™ Automated Side Loader.

IMPORTANT: *Failure to follow the lockout/tagout procedure may result in serious injury or death.*

Prior to performing under body work, it is necessary to set the hoist safety prop. Refer to “Hoist Safety Prop” on page 19.

To lock out and tag out your ALLEY-GATOR RIGHT-HAND™ unit:

1. SET chassis park brake.
2. TURN off engine, REMOVE keys from ignition and STORE keys in a safe controlled area. It is recommended that you keep the keys on your person.
3. MOVE any one of the hydraulic controls to RELIEVE any residual pressure in the system.
4. PLACE an Out-of-Service tag on the steering wheel using a non-reusable fastener and place an Out-of-Service sign in the front window.
5. TURN OFF and LOCK the battery switch.
6. CHOCK the wheels.

Figure 2-18 Lockout tags



Figure 2-19 Shut off engine, remove keys from ignition and store them in a safe controlled area



Utilizing Tailgate Locks

The tailgate locks (see Figure 2-20) must be secured unless you are:

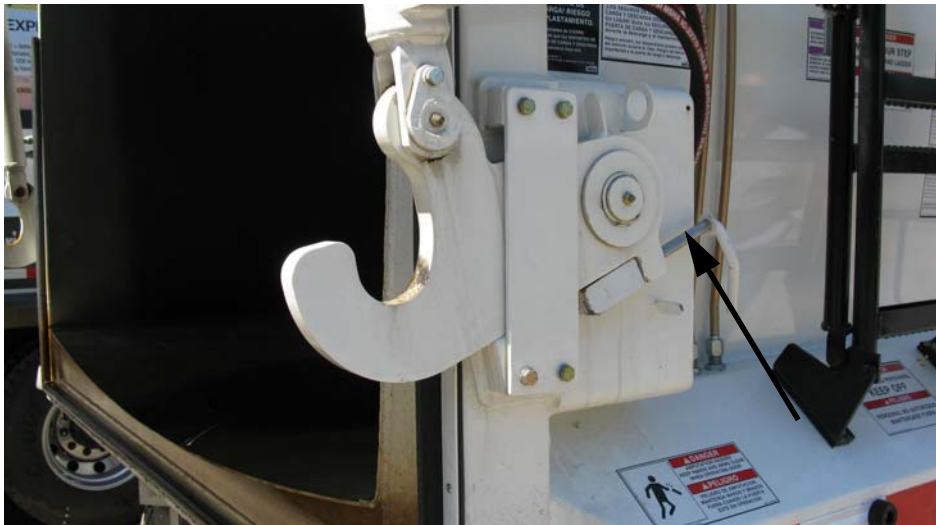
- ♦ unloading refuse
- ♦ servicing the tailgate

The tailgate locks ensure that the tailgate cannot be opened accidentally.

IMPORTANT: *Before operating the ALLEY-GATOR RIGHT-HAND™ Automated Side Loader, secure both tailgate locks.*

IMPORTANT: *Before opening the tailgate, remove both tailgate locks.*

Figure 2-20 Tailgate lock



Positioning Tailgate Safety Props

Tailgate safety props have been installed on your ALLEY-GATOR RIGHT-HAND™ Automated Side Loader (see Figure 2-21). They are located on each side of the tailgate. These props are there for your protection. When latched, they ensure that the tailgate will not close while you are working beneath or around the tailgate.

IMPORTANT: *Never walk or work under the tailgate without first positioning the tailgate props.*

To position the tailgate props, do the following:

1. ENSURE there is adequate room behind the truck to open the tailgate.
2. REMOVE both tailgate locks (see Figure 2-20).
3. OPEN the tailgate by approximately 3 ft (0.91 m).
4. UNLATCH each prop from its stored position and SWIVEL it towards the side of the truck until it can be set. LATCH into place.
5. CLOSE the tailgate as much as possible. Both props should fit securely into the tailgate latch hook preventing the tailgate from fully closing.
6. COMPLETE the Lockout/Tagout Procedure. Refer to “Lockout/Tagout Procedure” on page 25.

Figure 2-21 Tailgate safety prop

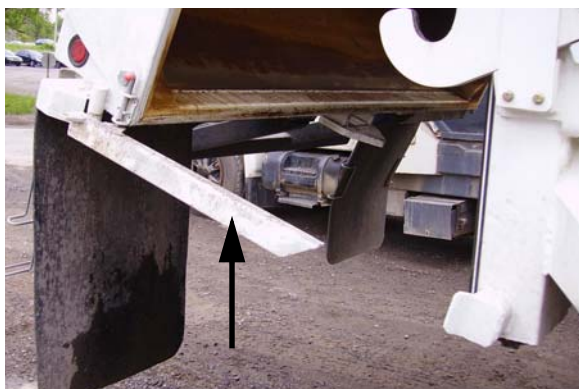


Figure 2-22 Danger decal (P/N 0605-794)



IMPORTANT: Never walk or work under the tailgate when it is open unless the tailgate safety props are in place.

Stabilizing a Hoisted Body

The ALLEY-GATOR RIGHT-HAND™ Automated Side Loader is equipped with a hoist safety prop (see Figure 2-23). This safety prop is designed to stabilize the lifted body, thus allowing you to safely work beneath the body.

IMPORTANT: The hoist safety prop must be engaged if access under a lifted body is required. Do not use the hoist safety prop to prop a loaded body.

To stabilize a hoisted body:

1. ENSURE that the truck is on solid, level ground and the body is empty. SET the chassis park brake.
2. CHECK for overhead clearance and CHOCK the front and rear tires.
3. UNLATCH the spring storage latch.
4. RAISE the body until the safety prop hangs free.

IMPORTANT: Do not raise the body higher than is required for the prop. If the unlatched prop does not swing into place with the body raised, the prop has been damaged and must be repaired prior to use.

5. LOWER the body until the safety prop feet fit into the prop retainer cut-outs and seat securely onto the chassis frame.
6. COMPLETE the Lockout/Tagout Procedure. Refer to “Lockout/Tagout Procedure” on page 25.

Figure 2-23 Hoist safety prop in engaged position



Figure 2-24 Warning decal (P/N 0605-835)



3

In-Cab Control Console

The ALLEY-GATOR RIGHT-HAND™ has a series of controls that allow easier operation of the different functions that come with the vehicle. These controls are located on the in-cab control console.

NOTE: It is imperative that the operator familiarize himself with the layout and function of all the controls required to operate the ALLEY-GATOR RIGHT-HAND™.

NOTE: Some controls are options and may therefore not be installed on your vehicle.

Figure 3-1 In-cab control console



ALLEY-GATOR RIGHT-HAND™ ASL Control Console

Prior to operating the ALLEY-GATOR RIGHT-HAND™ Automated Side Loader, make certain that you have been provided with the proper training related to the operation of the vehicle. Operators must be confident with the location, operation and function of all controls and indicators.

Auto-Pack Switch

This switch controls the automatic pack cycle. Depress the switch and release to initiate the automatic pack cycle.

NOTE: The switch will illuminate when in auto-pack cycle.

Figure 3-2 Auto-pack switch



Hydraulic Pump Shutoff Push/Pull Button

The hydraulic pump shutoff push/pull button immediately deactivates/activates all hydraulic functions. This button is used to stop the AUTO-PACK CYCLE. A light in the button illuminates when the hydraulic functions are active.

- ♦ PULL UP the button to ACTIVATE the hydraulic pump and hydraulic functions.
- ♦ PUSH DOWN to DEACTIVATE the hydraulic pump and hydraulic functions.

NOTE: Engine RPM must be below 900 to engage pump.

Figure 3-3 Hydraulic pump shutoff button



Danger Warning Lamp

This lamp will illuminate whenever the following occurs:

- ♦ The tailgate is ajar
- ♦ The body is raised
- ♦ The packer blade is stalling
- ♦ The access ladder is deployed
- ♦ The hydraulic oil is too hot

Figure 3-4 Danger warning lamp



Caution Warning Lamp

This lamp will illuminate whenever the following occurs:

- ♦ The hopper cover (top door) is not open
- ♦ The arm is not parked

Figure 3-5 Caution warning lamp

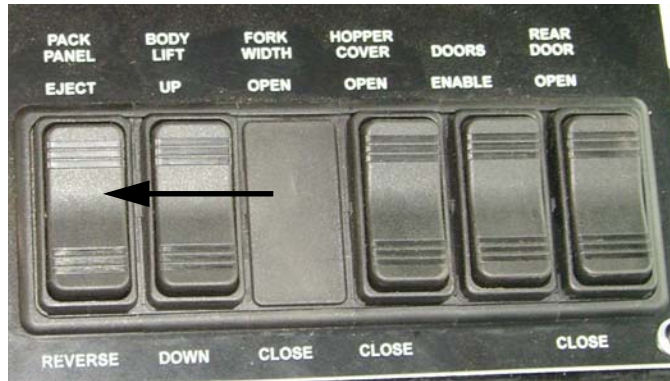


Eject/Reverse Switch

This switch is used to reverse the packer panel during auto pack.

- ◆ PRESS and HOLD the lower part of the switch to REVERSE the packer panel.

Figure 3-6 Eject/reverse switch

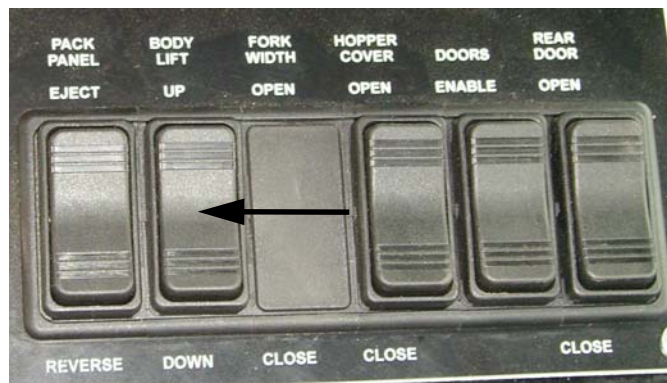


Body Up / Down Switch

The Body switch raises and lowers the ALLEY-GATOR RIGHT-HAND™ body. This is a rocker button switch.

- ◆ PRESS the upper part of the switch to extend the hoist cylinders and RAISE the body.
- ◆ PRESS the lower part of the switch to collapse the hoist cylinders and LOWER the body.

Figure 3-7 Body Up / Down Switch



NOTE: A message on the MDM screen informs operator of the position of the body. Also, as soon as the body reaches a certain height a buzzer sounds.

Danger

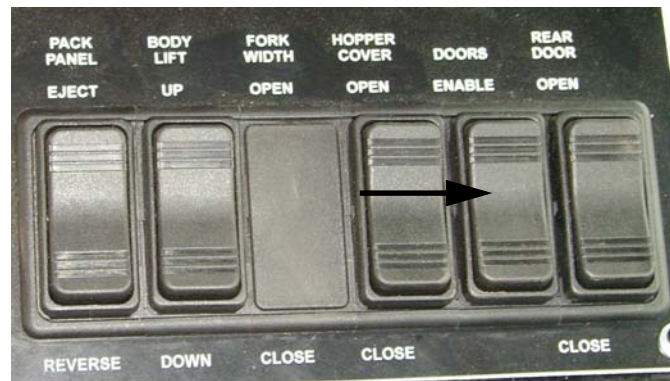
Never drive the vehicle with the body raised as there is a danger that the vehicle may tip over.

Doors Enable Switch

This switch must be activated whenever the hopper cover or rear door controls are used in order for them to function.

- ♦ PRESS and HOLD the upper part of the switch to enable the hopper cover and rear door controls.
- ♦ RELEASE this switch to disable the hopper cover and rear door controls.

Figure 3-8 Doors Enable Switch

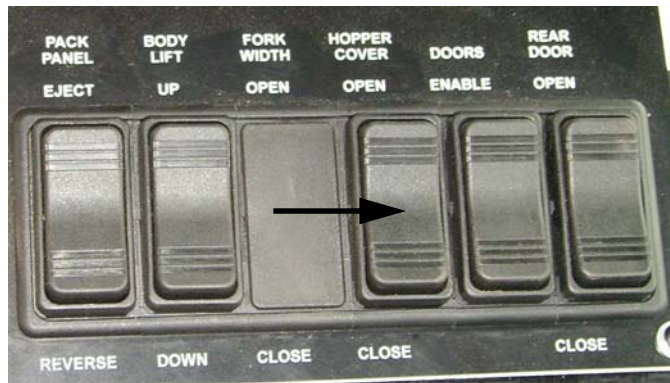


Hopper Cover Switch

This switch (see Figure 3-9) is used to control the hopper cover (top door). It must be used in conjunction with the “Door Enable” switch beside it.

- ♦ PUSH and HOLD the upper part of the switch to OPEN the top door.
- ♦ PUSH and HOLD the lower part of the switch to CLOSE the top door.

Figure 3-9 Hopper cover switch



NOTE: The upper part of the “Doors Enable” switch must be pressed and held at the same time the “Hopper Cover” switch is activated in either direction.

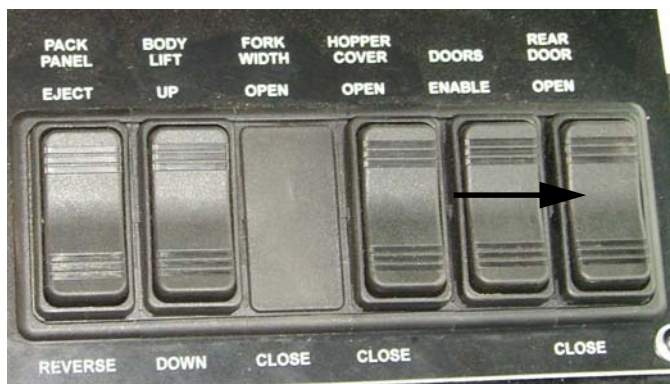
Rear Door Up / Down Switch

This switch opens and closes the rear door. It must be used in conjunction with the “Doors Enable” switch beside it.

IMPORTANT: Remove the tailgate safety locks from each side of the tailgate prior to using this switch.

- ◆ PUSH and HOLD the upper part of the switch to OPEN the rear door. The in-cab buzzer and the back-up alarm will sound.
- ◆ PUSH and HOLD the lower part of the switch to CLOSE the rear door. The in-cab buzzer and the back-up alarm will silence as soon as the rear door is closed.

Figure 3-10 Rear door Up / Down switch



NOTE: The upper part of the “Doors Enable” switch must be pressed and held at the same time the “Rear Door” switch is activated in either direction.

Remote Joystick Control

This is an optional control used to supply or cut power to a remote joystick mounted inside or outside the cab. Pressing the toggle up provides power to the remote joystick. In the center position power to the remote joystick is cut off.

Figure 3-11 Location of the remote joystick control



Hopper Lamp Switch

This is an optional switch used to control the lamp mounted behind the arm on the hopper, illuminating the hopper area. Pressing the toggle upward will turn on the lamp. Pressing it back down to the center position turns the lamp off.

Figure 3-12 Hopper lamp switch



Pack Lamp Switch

This is an optional switch used to control the lamp mounted behind the cab, illuminating the packer area. Pressing the toggle upward will turn on the lamp. Pressing it back down to the center position turns the lamp off.

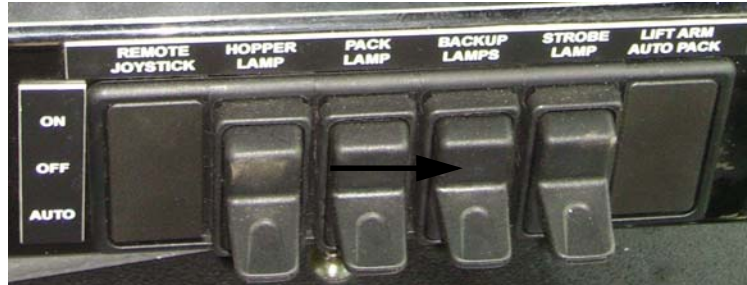
Figure 3-13 Pack lamp switch



Backup Lamp Switch

This is an optional switch used to control the backup lamps located on the tailgate near the center brake light. It will also control the fender mounted backup lamps if your vehicle is so equipped. Pressing the toggle up will illuminate the lamps. With the switch in the center position, the lamps are off. Pressing the toggle to the lower position puts the lamps in 'auto' mode, whereby they only illuminate when the transmission is in reverse.

Figure 3-14 Backup lamp switch



Strobe Lamp Switch

This is an optional switch used to control the strobe lamp, usually located on the tailgate near the center brake light. It will also control a front body mounted strobe lamp if your vehicle is so equipped. Pressing the toggle up will illuminate the lamps. With the switch in the center position, the lamps are off. Pressing the toggle to the lower position puts the lamps in 'auto' mode, whereby they only illuminate when the hydraulic pump is on.

Figure 3-15 Strobe lamp switch



MDM Control Module

This module (see Figure 3-16) displays many warnings as well as other information such as the hours of operation of the ALLEY-GATOR RIGHT-HAND™ and the number of bins emptied into the hopper.

This module is fully programmable. It has function and control buttons as well as a graphical display which informs the operator of the status of the different functions of the truck and of any potential problems.

If an error occurs, the module will warn the operator with a signal, and a message will appear on the display screen.

All communication with the control system takes place from the MDM via the CAN-bus network.

Figure 3-16 MDM control module



Lift Controls

Joystick / Thumbswitch

The joystick is located on the right-hand drive central armrest.

Figure 3-17 Joystick



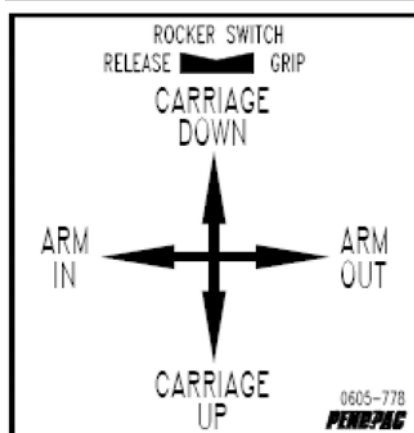
The joystick controls the slide “extend” and arm “raise” functions and operates on 90° angles. The thumbswitches engage and release the grabber.

- ♦ SHIFT the joystick RIGHT to EXTEND the arm.
- ♦ DEPRESS the RIGHT-hand side thumbswitch to ACTIVATE the grabber and securely grip the container.

- ♦ SHIFT the joystick LEFT to RETRACT the arm.
- ♦ PULL the joystick BACK to RAISE the lift.
- ♦ PUSH the joystick FORWARD to LOWER the lift.
- ♦ DEPRESS the LEFT-hand side thumbswitch to RELEASE the container.

NOTE: When the engine is running over 1000 rpm, you can still open the grippers and retract the arm, but all other functions are disabled.

Figure 3-18 Joystick functions



4

Operating the ALLEY-GATOR RIGHT-HAND™

Prior to Vehicle Operation

Prior to operating your ALLEY-GATOR RIGHT-HAND™ Automated Side Loader, ensure that you have been provided with the proper training related to the safe operation of the vehicle. As an operator, you must be familiar with the location, operation and function of all controls and warning indicators provided and adhere to all safety rules and procedures.

NOTE: Some controls are options and may therefore not be installed on your vehicle.

Prior to starting the ALLEY-GATOR RIGHT-HAND™, operators are required to perform a daily pre-trip inspection.

Review the Operator Pre-Trip Inspection provided on the following page.

Ensure that all malfunctions or concerns are reported to your supervisor and/or maintenance department.

Prior to engaging in your route, consult with your supervisor for specific driving rules.

Remember to obey all speed restrictions and road regulations.

Qualified Operators Only

All persons operating the ALLEY-GATOR RIGHT-HAND™ must have the correct state/province issued license to drive the chassis that the ALLEY-GATOR RIGHT-HAND™ is mounted to, which includes certification to operate vehicles equipped with air brakes.

Operator Pre-Trip Inspection: Prior to Starting the Vehicle

The following check list should be completed prior to starting the engine.

Table 1 Operator Check List

√	Tasks to be done
	Ensure the engine is not running and the chassis park brake is set.
	Check cleanliness of decals, mirrors, windows, lights, and the vehicle in general.
	Check safety equipment is present (i.e. fire extinguisher, first aid kit, spill kit).
	Check body is seated flat relative to chassis. Is it leaning?
	Check body mounts to chassis are tight and there are no cracks.
	Check body for unusual wear, distortion, cracking, leaning, leaking.
	Check hydraulic oil level in sight gauge on tank. Cylinders must be collapsed.
	Check hydraulic tank valves are fully open.
	Check hydraulic cylinders for leaks, and mounting pins are secure.
	Check that the access ladder is in stored position.
	Confirm tailgate is fully closed and BOTH tailgate locks are in place.
	Check that the lift is fully retracted and in the 'HOME' position.
	<i>Start the vehicle and visually confirm the following:</i>
	Warning light activates when slide is extended, arm is raised, or grabber is engaged when not stowed.

Arm Inspection Procedure

On a daily basis, perform a visual inspection of the arm, looking for leaks, cracks or premature wear of the moving parts. See Lubrication Chart on page 14 for detailed greasing points.

Danger! Do not stand directly in the path of the arm while performing the inspection.

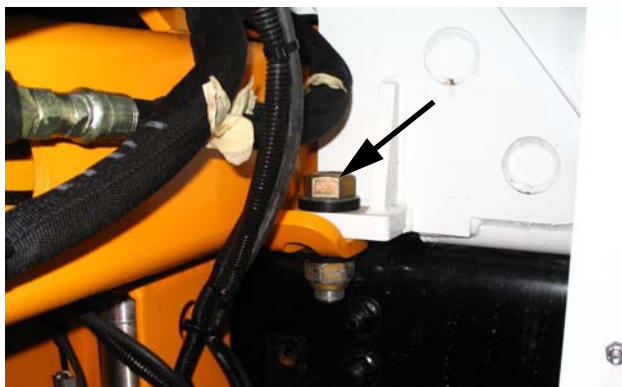


Caution! Apply the Lockout/Tagout procedure at all times.

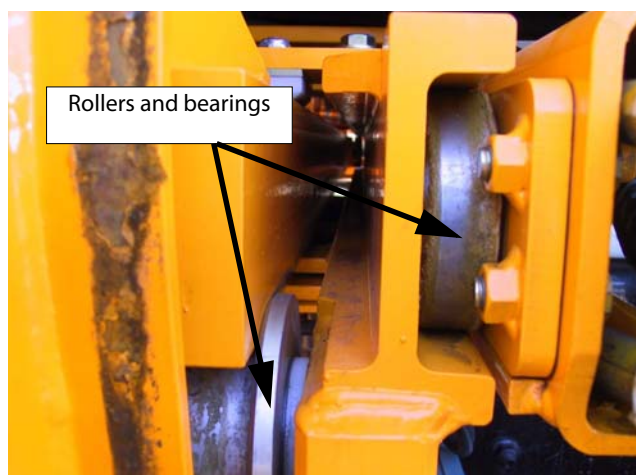


Proceed with the following inspection procedure:

1. Make sure the vehicle is on safe level ground.
2. Ensure the parking brake is applied and the vehicle is tagged out for maintenance purposes (see *Lockout/Tagout Procedure* on page 25).
3. Start the engine and engage the hydraulic pump by pulling up the Hydraulic Pump Shutoff button (see Figure 3-3).
4. Fully extend the arm.
5. Turn off the hydraulic pump by pressing the Hydraulic Pump Shutoff button (see Figure 3-3).
6. Turn off the engine.
7. Perform a visual inspection of the following items:
 - Mounting bolts;



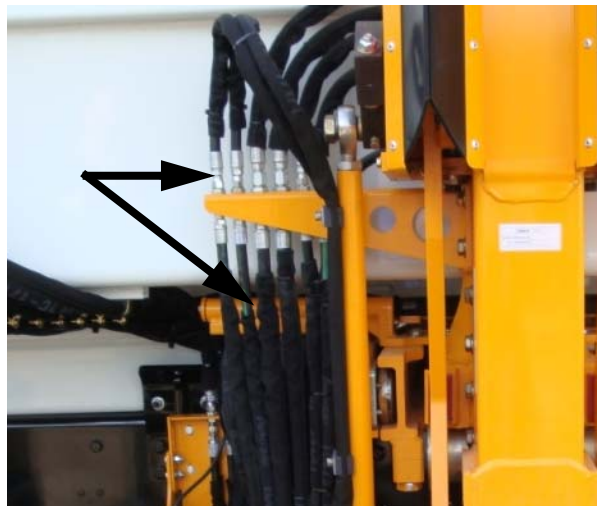
- Rollers and bearings;



- Bolt locks;



- Pivots;
- Grabber;
- Hoses and connections;



- Cylinders.
8. Check for loose nuts and bolts.
 9. Check limit switches. Refer to *Maintenance Manual* for more details.

En Route

Consult with your supervisor for specific rules regarding driving the Automated Side Loader in your location.

IMPORTANT: Please remember the following important points:

- ♦ The tailgate MUST BE fully CLOSED with BOTH safety locks in place.
- ♦ ENSURE hopper cover is CLOSED (if equipped).
- ♦ ENSURE the body is FIRMLY SEATED on the chassis.

- ♦ OBEY speed restrictions and road regulations.

Figure 4-1 Safety lock in locked position



Loading the Hopper

NOTE: Ensure all controls are ENABLED for right-hand/or left-hand drive operation.

To load the hopper, do the following:

1. PULL UP the Hydraulic Pump Shutoff button (see Figure 3-3).
2. ACTIVATE AUTO-PACK (see Figure 4-2).
3. OPEN the hopper cover (if equipped).
4. POSITION the lift parallel to the container.

IMPORTANT: Be sure there is enough clearance to dump the container.

5. Using *joystick*, SLIDE arm out to reach container (see Figure 4-3).
6. Using *joystick*, ADJUST grabber height (see Figure 4-3).
7. Using right *thumbswitch*, GRIP container firmly (see Figure 3-17).
8. Raise container.
9. Pull *joystick* to RAISE grabber completely (see Figure 4-3).

The garbage should then fall down into the hopper.

10. Using *joystick*, LOWER grabber (see Figure 4-3).
Ensure container is empty before returning it back to the ground.
11. PUT BACK container where it was (see Figure 4-3).

To open grabber and release container, press on the left *thumbswitch* (see Figure 3-17).

12. RETRACT the arm (if extended).

Warning! Do not open grabber while lifting up container. This may result in equipment damage and/or injury.



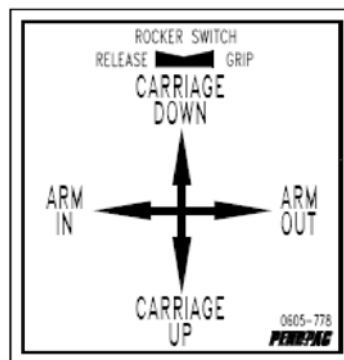
Warning! Do not move vehicle if arm is not fully retracted along the hopper.



Figure 4-2 Auto-Pack button



Figure 4-3 Joystick functions



Auto-Packing

The following is the Auto-Packing procedure:

1. OPEN the hopper cover (if equipped).

NOTE: The hopper cover is only designed to prevent refuse from being blown away during transport. It should not be closed during packing. Serious damage may result if in the closed position.

2. PRESS and RELEASE the Auto-Pack push button (see Figure 4-2).

This will initiate the AUTO-PACK cycle; the pendulum packer blade will complete continuous sweeps of the hopper.

NOTE: The ALLEY-GATOR RIGHT-HAND™ Automated Side Loader's AUTO-PACK cycle operates independently of the dump cycle. Refuse may be emptied into the hopper at any time during the AUTO-PACK cycle.

3. You may STOP the AUTO-PACK cycle at any time by pushing the Hydraulic Pump Shutoff button (see Figure 3-3).

ASL Body Capacity

Knowing when your ALLEY-GATOR RIGHT-HAND™ Side Loader is nearing capacity is critical! Indications that your Side Loader is nearing capacity include:

- ♦ the packer blade fails to complete a full sweep of the hopper;
- ♦ the packer blade is stalling (a message indicating this condition is displayed on the MDM screen);
- ♦ the bin count approaches the number of bins which usually fill the body (the number of bins emptied in the hopper is displayed on the MDM screen).

Preparing to Drive to the Landfill

NOTE: FOLLOW COMPANY OR LOCAL REGULATIONS ON DRIVING TO LANDFILL FROM RIGHT OR LEFT SIDE.

- ♦ Ensure no refuse is on top of the body.
- ♦ Ensure IN-CAB WARNING LAMP is OFF.

Preparing to Unload at the Landfill

Apply the following procedure:

1. LOCATE an appropriate ground surface to unload. It should be solid and level beneath and ahead of the Side Loader. Check to ensure there is adequate room for the tailgate to open.

IMPORTANT: Serious injury or mechanical damage could result if ground is unstable.

2. STRAIGHTEN the wheels.
3. SET the chassis park brake.
4. PULL UP the Hydraulic Pump Shutoff button to TURN ON the hydraulic pump (see Figure 3-3).
The light in the button will illuminate.
5. PUSH the lower part of the rear door UP/DOWN switch (see Figure 3-10).
This will relieve any pressure from the tailgate locks and aid removal.
6. REMOVE both tailgate locks (see Figure 2-20).

Figure 4-4 Warning decal



Unloading at Landfill

To unload carried refuse at landfill:

1. OPEN the tailgate. The warning lamp on the control console will illuminate (see Figure 3-4) and the back-up alarm will sound.

NOTE: The tailgate must be fully open while unloading.

2. LOWER the arm completely to allow the body to clear when raised.
3. PRESS the Auto-Pack button (see Figure 4-2). The AUTO-PACK cycle will clear the hopper of any refuse while unloading.
4. RAISE the body fully.

NOTE: The body cannot be raised with the arm not completely down and the tailgate closed.

5. RELEASE the chassis park brake.

NOTE: The foot brake should be released while you unload to allow the force of the load to push the unit forward. Always be alert of what is in front of the Side Loader.

6. DRIVE the unit slightly forward as the refuse is unloaded. This prevents refuse from building up under the tailgate.

NOTE: The Side Loader's center of gravity is very high when the body is raised. Keep distance traveled to a minimum.

7. When unloading is completed, SET the chassis park brake.
8. LOWER the body and CLOSE the tailgate. The warning lamp on the control console will extinguish (see Figure 3-4) and the buzzer will stop when the body is firmly seated on the chassis and the tailgate is completely closed.
9. PUSH DOWN the Hydraulic Pump Shutoff button (see Figure 3-3). The AUTO-PACK cycle will stop.

Hopper & Body Cleaning

The ALLEY-GATOR RIGHT-HAND™ Automated Side Loader body and hopper are self-cleaning. DAILY CLEANING IS UNNECESSARY.

Occasionally, maintenance personnel may wish to wash out the hopper and body. Be sure to follow the Lockout/Tagout procedure and take all necessary precautions before entering the body. Refer to "Lockout/Tagout Procedure" on page 25.

IMPORTANT: Under no circumstances should the operator enter the body or hopper.

Transportation Preparations

Apply the following procedure:

1. OPEN the tailgate until it is approximately 4 ft. (1.2 m) from the tailgate seal.
2. POSITION the tailgate safety props. Refer to "Positioning Tailgate Safety Props" on page 27.
3. COMPLETE the lockout/tagout procedure. Refer to "Lockout/Tagout Procedure" on page 25.
4. CLEAN the tailgate seal area of debris.

IMPORTANT: Do not stand under the raised tailgate unless you have followed the proper lockout/tagout procedure and have set both tailgate safety props.

Figure 4-5 Warning decal (P/N 0605-794)



5. REVERSE the lockout/tagout procedure.
6. REMOVE both tailgate safety props.
7. CLOSE the tailgate completely.
8. SET the tailgate locks.
9. ENSURE the lift is in the 'HOME' position.
10. TURN OFF the hydraulic pump with the Hydraulic Pump Shutoff button (see Figure 3-3).

Shutting Down your ASL

To shut down your ASL:

1. PARK the Side Loader on a solid, level surface.
2. SET chassis park brake.
3. RETURN the lift to the "HOME" position.
4. TURN OFF the hydraulic pump by pushing down the Hydraulic Pump Shutoff button (see Figure 3-3). The light in the button will turn off.
5. SWITCH OFF all light switches.
6. SHUT the vehicle OFF following the chassis manufacturer's recommendations.



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