

HYDRAULIC POWER PACKS



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WARNING

PLEASE FOLLOW ALL SAFETY INSTRUCTIONS PROVIDED IN THIS MANUAL BEFORE OPERATION.

ARROWQUIP DOES NOT ACCEPT RESPONSIBILITY FOR ANY ACCIDENTS OR INJURY WHEN THIS SAFETY MANUAL HAS NOT BEEN READ IN FULL AND KEPT WITH THE PRODUCT AT ALL TIMES.

OPERATORS OF THIS PRODUCT TAKE AND ACCEPT RESPONSIBILITY FOR ANY HARM OR INJURY TO THE ANIMAL OR OPERATOR WHEN IT PERTAINS TO HOW THE EQUIPMENT IS USED AND MAINTAINED.

Please keep this manual for frequent reference and to pass on to new users or owners.

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SAFETY PRECAUTIONS

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All farm machinery and equipment are potentially dangerous. Careless use of any Arrowquip livestock equipment may cause injury or damage to persons, cattle, or property. Arrowquip has taken precautions in the design and manufacturing of this product to ensure that it is safe and user-friendly. Therefore, the user must assume all responsibility and risk associated with the possession and use of the cattle squeeze chute.

SAFETY GUARANTEE

Arrowquip is committed to creating safe cattle management experiences. With this commitment to safety, in the event any purchaser of Arrowquip equipment is **physically injured while operating the equipment AND requires medical treatment**, Arrowquip will provide a full refund of the equipment purchase price and the purchaser will be allowed to keep the equipment. Equipment must be warranty-registered, and the purchaser must read and practice the contents and recommended maintenance and procedures outlined herein to be eligible.

Arrowquip also commits to repair or replace any part of the equipment that is defective, malfunctions or otherwise falls under normal use and inside the equipment's warranty terms. If the equipment requires replacement, it shall be replaced with an identical model or a newer model of the equipment. For further details, visit arrowquip.com/promise.



WARNING:

Read below before operation

Ensure the operator understands the contents of this manual before using the cattle squeeze chute.

1. **DO NOT** wear loose-fitted clothing.
2. Ensure the cattle squeeze chute is on a firm, level, dry surface that is free of rocks and other trip hazards. A level concrete pad flush with the ground and with the chute bolted to the concrete is strongly recommended.

3. **DO NOT** enter the vet cage until the animal is secured in the head gate and the rump bar has been placed so that the cow cannot back up.
4. **DO NOT** stand in front of the head gate while operator is moving the cattle through the squeeze chute.
5. **DO NOT ALLOW CHILDREN UNDER THE AGE OF 18 NEAR AN OPERATING MACHINE.**
6. Follow safe cattle handling procedures in other areas of the yard so that cattle are more docile in the chute.
7. **DO NOT** make any modifications to Arrowquip equipment. Non-factory modifications to the equipment can reduce the safety for the operator & livestock, and void warranty.

RISK ASSESSMENT

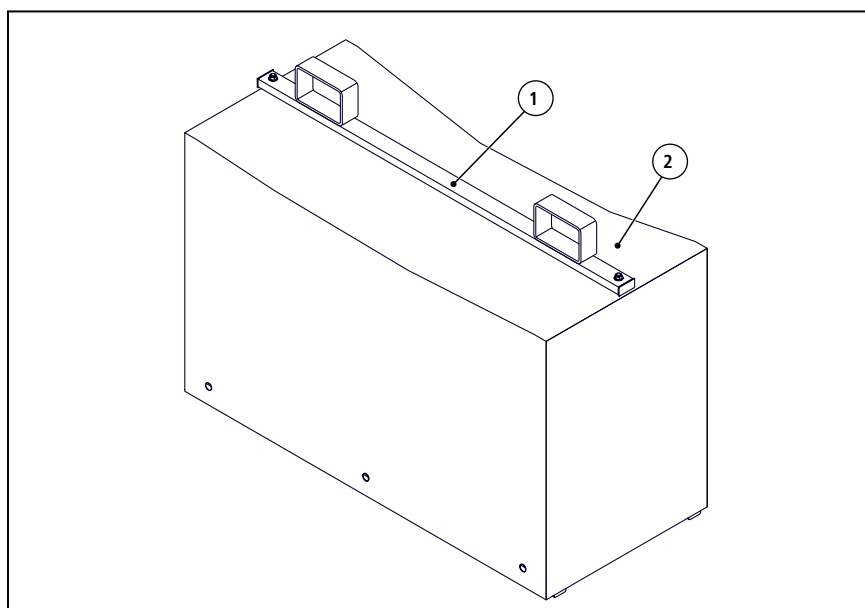
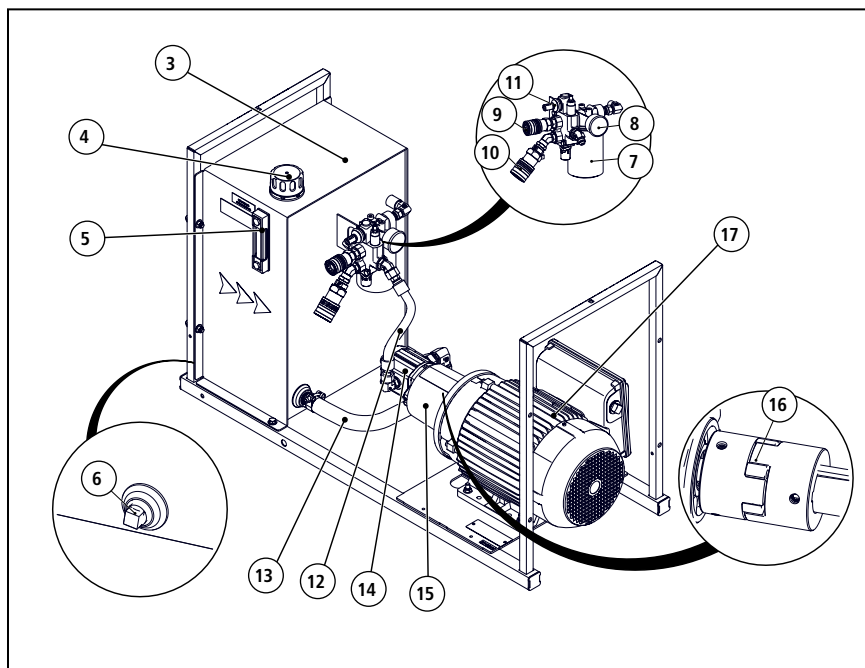
Conduct a risk assessment on procedures for which the cattle squeeze chute used and establish a safe work procedure.

1. Ensure bellhousing cover is installed whenever running power pack.
2. Ensure all users of the equipment have been inducted and comply with safe working procedure.
3. Please ensure that there are NO large or hazardous objects inside the equipment that may cause injury to the animal or operator or may cause the equipment to malfunction.
4. Some chemicals and medicines can damage powder coat. Take all precautions and wash after use.

BASIC POWER PACK OVERVIEW

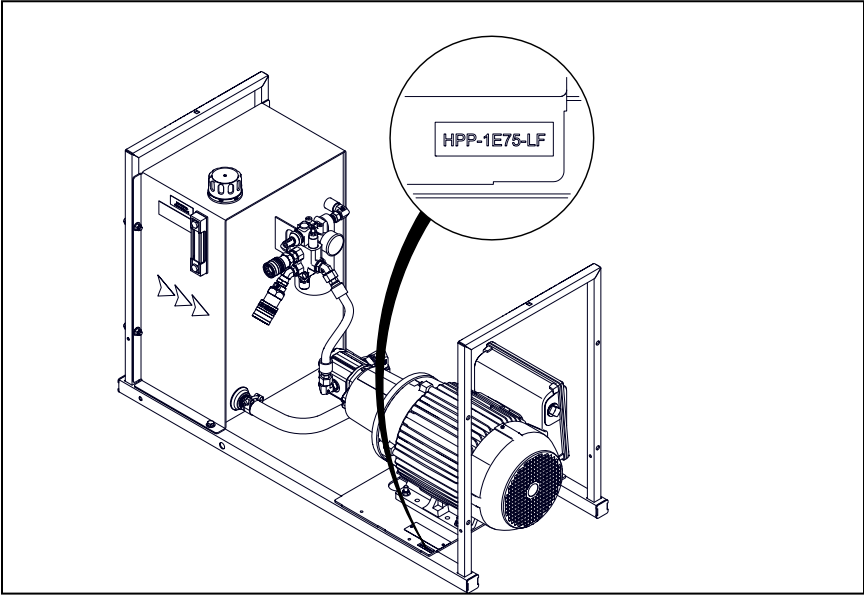
ARROWQUIP POWER PACKS

1	FORK TARGET SHIPPING BRACKET
2	SHIPPING COVER
3	RESERVOIR
4	FILLER CAP
5	SIGHT GAUGE
6	DRAIN PLUG
7	FILTER
8	FILTER LIFE INDICATOR
9	PRESSURE CONNECTION
10	RETURN CONNECTION
11	FLOW CONTROL/SPOOL VALVE
12	PRESSURE LINE
13	SUCTION LINE
14	PUMP
15	BELL HOUSING
16	JAW COUPLING
17	POWER UNIT (ELECTRIC MOTOR OR GAS ENGINE)



IDENTIFICATION

Smartcodes are shorthand forms for Arrowquip products to quickly determine which product you have. The smartcode and serial number can be found in the location shown.



SAFETY CHECK:

- Have one person hold the panel while the other removes the shipping brackets.

SMART CODE	FULL DESCRIPTION	PART NUMBER (PN)
HPP-1E75-HF	7.5HP SINGLE PHASE ELECTRIC HIGH-FLOW POWER PACK	2033210
HPP-3E75-HF	7.5HP THREE PHASE ELECTRIC HIGH-FLOW POWER PACK	2033211
HPP-1E75-LF	7.5HP SINGLE PHASE ELECTRIC LOW-FLOW POWER PACK	2033202
HPP-3E75-LF	7.5HP THREE PHASE ELECTRIC LOW-FLOW POWER PACK	2033214
HPP-G10-LF	7.5HP THREE PHASE ELECTRIC LOW-FLOW POWER PACK	2033153

NOTE: If the smartcode is no longer visible on your unit or you are unsure, please call Arrowquip’s Client Care department.

SPECIFICATIONS

UNIT	OIL TYPE	RESERVOIR CAPACITY	MAXIMUM PRESSURE	FLOW RATE (GPM - LPM)	WEIGHT (KGs - LBS)	COMPATIBLE ARROW PRODUCTS
HPP-1E75-HF	AW 22	15 Gal 57 Liter	1,200 PSI	(12 - 46)	198 - 436	The General
HPP-3E75-HF					192 - 423	The Major The Colonel 108 Series 107 Series* 106 Series*
HPP-1E75-LF				(9.5 - 36)	198 - 436	
HPP-3E75-LF					192 - 423	
HPP-G10-LF				@ IDLE (3.6 - 16.3) @ MAX RPM (9 - 34)	155 - 342	

**Couplers for ground hoses may need to be purchased to connect to Arrowquip Hydraulic Power Packs. See “Connecting to Non-Arrowquip Equipment” on pg 20 for adapter information.*

SHIPPING COMPONENTS

Your Arrowquip Hydraulic Power Pack will come from factory with a shipping bracket for simplified moving during installation and a cover to keep the unit clean during shipping. The primary purpose of these items is for shipping and can be removed once received. You can also leave the shipping bracket and cover installed to keep the unit clean between uses.

It is recommended to continue using the shipping cover to protect your Gas Power Pack while in transport.

PRODUCT REGISTRATION

Registering your Power Pack with Arrowquip is important to ensure that you are warrantied in the event of a product failure. Registering your product will also improve the speed at which our Client Care team can serve you as we will already have your shipping and product info, getting you back up and running as soon as possible. <https://arrowquip.com/product-registration>

Arrowquip Mobile Gas Power Packs are powered by a 10 Horsepower Briggs and Stratton Vanguard 300 Engine that comes with a 3 Year Warranty from Briggs and Stratton (B&S) and can be extended to 4 years when registered directly with B&S. It is highly recommended that you register your Engine with B&S at the time of purchase with https://www.vanguardpower.com/na/en_us/support/engine-registration.html

If you have any questions or need assistance registering your product reach out to Arrowquip Client Care.

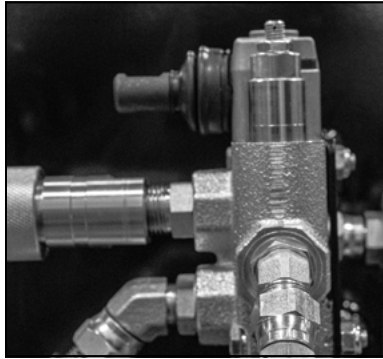
HYDRAULIC CIRCUIT

Your Power Pack is equipped with a Walvoil SD4 spool valve that serves to redirect fluid flow and protect the system from over pressurizing.

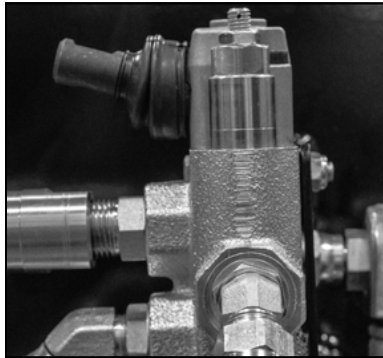
FLOW CONTROL

The switch on the top of the spool valve has two settings:

- When the switch lever is in the **horizontal position** the system is in **Neutral/Recirculation mode**.
- When the switch is **flipped upward** the system is in **Active/Powered mode**.



NEUTRAL/RECIRCULATION MODE directs fluid through the oil filter and back to the tank, even if the Power Pack is hooked up to a chute. This mode allows you to start up the Power Pack with virtually no load, decreasing wear and tear on the motor or engine. This mode is also used to pre-heat the oil on colder days before running the chute up.

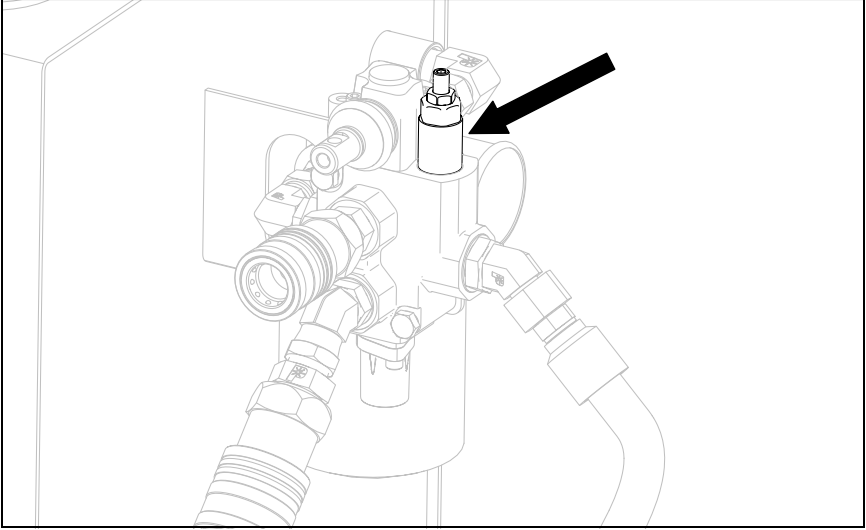


ACTIVE/POWERED MODE directs fluid out of the top ½" quick connect to the equipment

being powered then returns to the Power Pack via the 3/4" quick connect, where it is filtered before being dumped to tank.

PRESSURE RELIEF

The pressure relief valve redirects fluid back to the tank when the system pressure rises above a factory set pressure of 1200PSI. This protects the system from over pressurizing if the unit is put into Active/Powered mode without being connected to a chute.

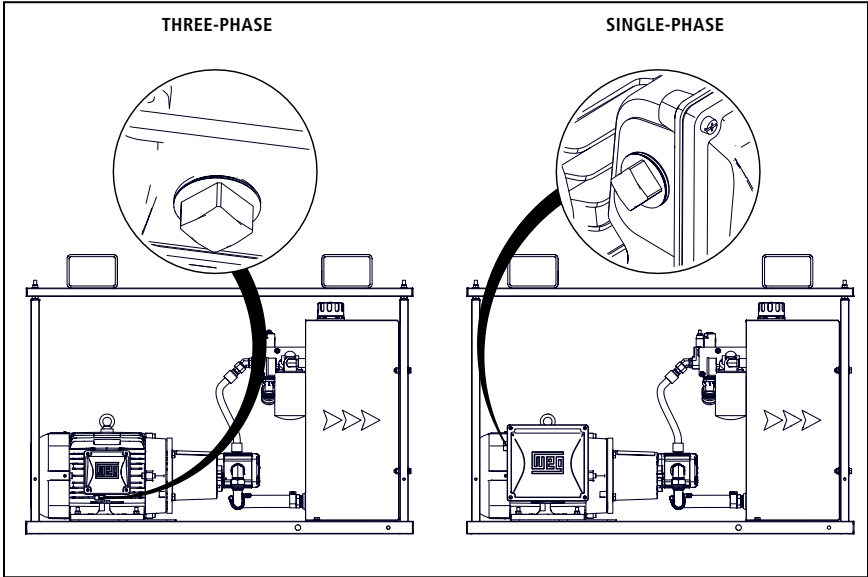


WARNING:

Do not adjust the pressure relief, as it is set to keep animals safe inside Arrowquip products. If the Power Pack's maximum pressure needs to be changed, please contact Arrowquip's Client Care team.

ELECTRIC POWER PACKS

Electric Power Packs are available in Single-Phase (Red) as well as Three-Phase (Blue). Each will be shipped from factory with their wiring compartments plugged to keep out dust and moisture. This plug is only to be removed at the time of wiring the Power Pack.



With the plug installed the motors have an IP “Ingress Protection” Rating of IP55. This means that when the wiring box is sealed, the motor is protected from water jets from a garden hose at any angle and from dust that could cause damage. The unit is not protected from high force sprays like those from a pressure washer. **DO NOT** wash with a pressure washer.

NOTE: It is important to handle the Power Pack with care as hard impacts can damage the internals of the electric motor.

WIRING

For your safety, Electric Power Packs must be connected and wired by a fully certified electrician. They will be able to spec the correct cable size for your specific installation as these factors change from site to site.

All internal wires of the motor are labeled and the wiring schematics for the motor can be found in the lower left corner of the data plate, located just above the wiring box.

Make sure a passthrough or cable grip is used where the wiring exits the motor. All openings of the motors electrical box must stay sealed to prevent dust, water and rodents from getting in.

Note: Both single phase and three phase motors are low noise only producing 58Db which is equivalent to a casual conversation. If motor starts with noticeable noise, double check wiring and/or reach out to Arrowquip Client Care.

SINGLE PHASE

Service requirements 230V @ 40AMPS

Cable Pass through: 1" NPT

Additional Protection: Adjustable Thermal Overload

NOTE: If voltage measured at the Power Pack is below 207 Volts the motor may not run correctly, or cause breaker to trip excessively.

Arrowquip 7.5HP Single Phase Power Packs are designed for the motor to be wired as shown on the data plate. No need to reverse rotation.

To confirm rotation is correct and the Power Pack is creating flow, check to ensure filter life indicator is registering flow. If the dial is on the bottom of the reading, the motor is spinning in the wrong direction.

SINGLE PHASE CAPACITORS

Many issues with electric motors can be tracked down to bad capacitors. A Single-Phase AC powered motor has 2 kinds of capacitors installed.

1. Start capacitors kickstart the motor and disengage once target speed is reached.
2. Run capacitors then take over to keep the motor at its target **RPM**.

If one of these fails it can cause the motor to not start but just hum or run rough.



WARNING:

Motor capacitors will hold a charge long after power has been removed. The high voltage of capacitors can make them dangerous if handled or wired incorrectly. Arrowquip recommends contacting your local certified electrician to check these safely.

THREE PHASE

Service Requirements 208V@30 Amps, 230V@30 **AMPS** 460V @15 Amps

Cable Pass through: 1" NPT

To confirm the rotation is correct and the Power Pack is creating flow check to ensure filter life indicator is registering flow. If the dial is on the bottom of the reading, the motor is spinning in the wrong direction.

If this is the case, change any two leads to change motor direction.

RUN-UP & SHUTDOWN

NOTE: To avoid premature motor wear always ensure that the Power Pack is in Recirculation mode before starting.

1. Plug in Power Pack.
2. Ensure pressure and return hoses are hooked up correctly.
3. Flip Power Pack into powered mode.
4. After cattle working session is complete, flip Power Pack back to Recirculation mode.
5. Un-plug Power Pack.

TROUBLESHOOTING FOR ELECTRIC POWER PACKS

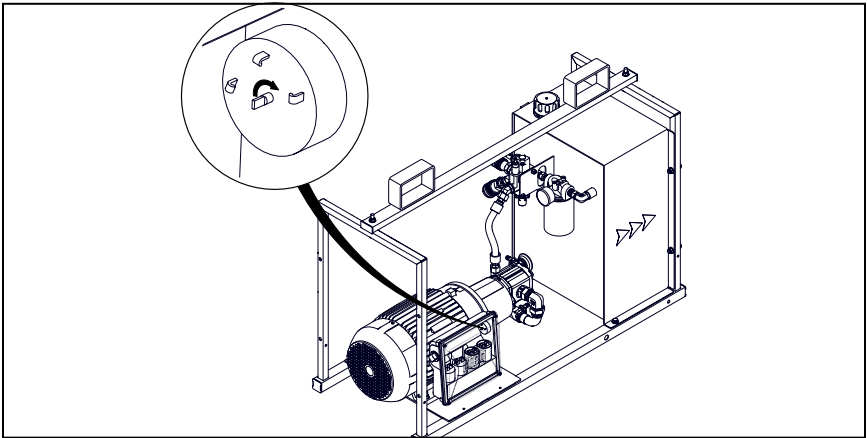
If troubleshooting requires parts to be replaced, replacement part number can be found in the “Service Parts Guide” section of this manual.

NOTE: It is normal for chute pressure gauge to be reading around 250psi while Power Pack is running.

POWER PACK TRIPS BREAKER WHEN PLUGGED IN.

POSSIBLE SOLUTIONS:

1. Confirm Power Pack wiring is correct.
2. Confirm breaker is at least 40amps. **(SINGLE PHASE ONLY)**
3. Check Capacitors (Single phase only)
4. Refer to Single Phase Capacitors section above.
 - a. Reach out to a certified electrician to ensure power getting to Power Pack is above 207V.



5. If issue persists reach out to Client Care.

POWER PACK IS RUNNING BUT NO PRESSURE AT CHUTE, OR CHUTE CONTROLS WORKING INCORRECTLY.

POSSIBLE SOLUTIONS:

1. Check Hydraulic oil level in reservoir.
2. Remove plastic shield from Bellhousing and inspect Jaw couplings, replace if necessary.
3. Check that the Power Pack is in Powered Mode.
4. Ensure pressure and return lines are connected correctly at the chute. Try swapping the lines.
5. If the above does not work, check that the filter life indicator is reading flow. If not:
 - a. Ensure Power Pack is wired as shown on the motor data plate, and that the motor is not spinning the wrong direction. Re-wire to change motor direction.
6. If issue persists reach out to Client Care.

POWER PACK IS WIRED BUT DOES NOT TURN ON.

POSSIBLE SOLUTIONS:

1. Check power source panel and that breaker is not tripped.
2. Reach out to a certified electrician to ensure power getting to Power Pack is at above 207V.
3. Check Capacitors (Single phase only)
4. Refer to Single Phase Capacitors section above.
 - a. Try resetting the thermal overload located on the right side of the wiring box by pressing it.
 - If problem persists after reset, thermal overload may need to be adjusted.
5. Thermal overload can be adjusted by turning adjustment screw clockwise in $\frac{1}{4}$ turn increments until Power Pack remains running.
6. If issue persists reach out to Client Care.

POWER PACK CREATES EXCESSIVE NOISE.

POSSIBLE SOLUTIONS:

1. Check Hydraulic oil level in reservoir.
2. Remove plastic shield from Bellhousing and inspect Jaw couplings, replace if necessary.
3. De-couple bellhousing/pump assembly from motor by removing 4X Bellhousing bolts. With pump disconnected run-up motor with no load.
 - a. If noise persists, motor may need to be replaced.
 - b. If noise is removed, pump may need to be replaced.

MOBILE GAS POWER PACKS



WARNING:

CHECK ENGINE OIL LEVEL PRIOR TO STARTING POWER PACK FOR THE FIRST TIME, TO AVIOD INCIDENTAL DAMAGE.

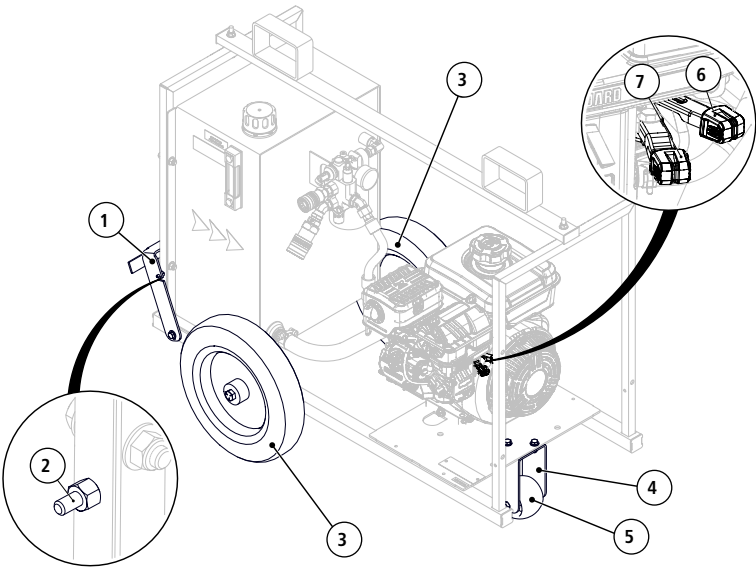
Your Arrowquip Mobile Gas Power Pack is powered by a 10 Horse Power, Briggs and Stratton, Vanguard 300 Engine, model number 19V3. A physical engine manual is included with your Power Pack for reference but if the physical copy is damaged or misplaced, the engine manual can be found here.



This engine features Vanguard TransportGuard® which combines throttle, ignition and fuel control into one lever. Therefore, you only need to use the throttle control for startup and shutdown of the engine.

WHEEL KIT

Arrowquip Mobile Gas Power Packs include the addition of a wheel kit to make the Power Pack more easily portable.



1	KICKSTAND
2	KICKSTAND CATCH
3	REAR WHEEL
4	FRONT WHEEL BRACKET
5	ANTI-SCALP WHEEL
6	THROTTLE/FUEL SHUTOFF
7	CHOKE

USING THE KICKSTAND

The rear wheel placement has been optimized to ensure the Power Pack is well balanced for easy moving. The kickstand blocks the wheels and redistributes the Power Pack weight to apply more weight to the front wheel, making the Power Pack much more stationary.

HOW TO ENGAGE-DISENGAGE THE KICKSTAND:

1. Pull kickstand up and off the catch and lower it to the ground.
2. Place one foot on the kickstand and lift/pull the Power Pack towards you, until the kickstand rests against the tires. The kickstand is now engaged.
3. To disengage, place your foot on the kickstand, grab the handle then lift and push away from yourself to rotate the kickstand rearward.
4. Replace the kickstand on the kickstand catch.

LOADING POWER PACK INTO CHUTE FOR TRANSPORT



WARNING:

When maneuvering your Power Pack, ensure to use best lifting practices, keeping your back straight and lifting with your legs to avoid injury.

1. At the end of your session, open the tailgate and squeeze functions of the chute.
2. With the Power Pack turned off, line up the Power Pack with the rear of the chute with the engine side toward the chute.
3. Standing on the reservoir side, push down on handle to lift front wheel high enough to enter the chute.
4. Wheel the Power Pack into the chute until the rear tires meet the frame.
5. Grabbing the rear handle in a braced position move the Power Pack into the chute in a lifting/pushing motion.
6. Ensuring the Power Pack is positioned so the quick connects are accessible, engage kickstand.
7. Reconnect hoses, start Power Pack, close tailgate doors.
8. Shut down Power Pack, ensuring throttle is all the way off.
9. Hoses can be disconnected and hung in chute.
10. **OPTIONAL:** If you have chosen to keep your original shipping cover, use it during transport to keep your Power Pack clean.

RUN-UP AND SHUTDOWN

NOTE: If you're using your Power Pack on hard-packed ground or concrete, it's best to engage the kickstand to keep it from moving due to vibration.

1. Ensure Flow Control is set to Recirculation mode
2. Engage choke, fully engage throttle, pull to start.
3. Let engine warm up, it should be running smooth with no choke applied.
4. Ensure pressure and return hoses are hooked up correctly.

5. Flip Power Pack into Powered mode.
6. After cattle working session is complete, flip Power Pack back to Recirculation mode, throttle down engine to idle and let cool for 2-5 mins.
7. Shutdown engine by positioning throttle all the way down.

TROUBLESHOOTING FOR GAS POWER PACKS

If troubleshooting requires parts to be replaced, replacement part number can be found in the "Service Parts Guide" section of this manual.

NOTE: It is normal for chute pressure gauge to be reading around 250PSI while Power Pack is running.

POWER PACK IS RUNNING BUT NO PRESSURE AT CHUTE, OR CHUTE CONTROLS WORKING INCORRECTLY.

POSSIBLE SOLUTIONS:

1. Check Hydraulic oil level in reservoir.
2. Remove plastic shield from Bellhousing and inspect Jaw couplings, replace if necessary.
3. Check that the Power Pack is in Powered Mode.
4. Ensure Pressure and Return lines are connected correctly at the chute. Try swapping the lines.
5. If issue persists reach out to Client Care.

POWER PACK CREATES EXCESSIVE NOISE.

POSSIBLE SOLUTIONS:

1. Check Hydraulic oil level in reservoir.
2. Remove plastic shield from Bellhousing and inspect Jaw couplings, replace if necessary.

ENGINE WILL NOT START

POSSIBLE SOLUTIONS:

1. If colder than -18C or 0F engine may not start and need to be warmed first.
2. Check fuel in tank.
3. Check oil level.
 - a. The Vanguard 300 comes with a low oil sensor that will not allow the sparkplug to fire.
4. Check sparkplug.
 - a. If sparkplug is coated in fuel or fouled it may need to be cleaned, or have excess fuel burnt off.

- b. Excess fuel in cylinder may also need to be removed. With fuel off pull over engine, ensuring no persons or animals are near the sparkplug port as excess fuel will dissipate through here.
- 5. For a full guide to troubleshooting small engines:



RECOMMENDED MAINTENANCE

ALL POWER PACKS

FILTER CHANGE

Arrowquip Power Packs are equipped with a filter gauge to inform you when it is time for a change.

NOTE: If the ambient temperature is cold, the filter gauge may read plugged while oil diverts through the bypass. The gauge should return to normal once oil has warmed.

Consider buying a new oil filter when the gauge starts to move into the red zone. You can purchase new filters by reaching out to Arrowquip Client Care or purchase locally from the below list of compatible filters.

EQUIVALENT FILTER REPLACEMENTS	
BRAND	PART NUMBER (PN)
CANIMEX (OEM)	SFE20-S-P10
ZINGA	AE10
BALDWIN	BT839-10
CARQUEST	85551
DONALDSON	P551551
FLEETGAURD	HF6520
LUBER-FINER	LFP1652

Tools Required:

- 3" Filter Wrench

TO REPLACE THE FILTER:

1. Unthread and discard old filter.
2. Ensure new filter is not bent or damaged in any way.
3. Clean filter base making sure old gasket is removed. Apply clean oil to new filter gasket. **DO NOT USE GREASE OR ANY OTHER LUBRICANT.**
4. Make sure the gasket is seated. Screw filter on to base until contact.
5. Tighten 1/2 turn, refill and run system. Check oil pressure & check for leaks.

HYDRAULIC OIL

Replace the hydraulic oil after 2,000 hours of run time, or sooner if needed. If the oil is beginning to become cloudy or muddy, your system might have water contamination. Replace oil as soon as possible as it can cause critical damage to the Power Pack and chute components.

Tools Required:

- 9/16" Wrench
- Enough containers to hold 16 gallons of fluid
- Thread sealant, or Teflon tape.
- Lifting device: 500lb capacity

TO REPLACE THE OIL:

1. Raise and support your Power Pack
2. Place catch containers underneath.
3. Remove top cap.
4. Remove the plug located on the back of the Power Pack.
5. Clean threads on plug and re-apply thread sealant or Teflon tape, set aside.
6. Re-install plug after oil has been drained.
7. Move the Power Pack to ground level.
8. Re-fill with 15 gallons of AW22 hydraulic oil.
9. Replace top cap.

GAS SPECIFIC

For full information about your Vanguard 300 Engine refer to the owners' manual. For your convenience we have included the recommended maintenance schedule within this manual.



ENGINE OIL

Arrowquip fills engines with 5W-30 full synthetic oil, which should cover most climates and temperatures. Consider using Vanguard Synthetic 15W-30 if you are running in climates where the temperature regularly exceeds 38C or 100F.

Oil Capacity of the Vanguard 300 is 30oz or 0.89L.

ENGINE MAINTENANCE INTERVALS

FIRST 5 HOURS	• Change the oil.
INTERVALS OF 8 HOURS OR DAILY	• Check the engine oil level. • Clean the area around the muffler and controls. • Clean the air intake grille.
INTERVALS OF 100 HOURS OR ANNUALLY	• Service Exhaust system.
INTERVALS OF 200 HOURS OR ANNUALLY	• Change engine oil.
INTERVALS OF 600 HOURS OR 3 YEARS	• Replace air filter • Annually • Replace spark plug • Service fuel system • Service cooling system • Blow out recoil with compressed air.

COLD WEATHER RUN-UP PROCEDURE

When the oil in the hydraulic system is cold it thickens causing the performance of your equipment to appear sluggish. It can also place a higher load on the electric motor or gas engine that could cause damage to the system. The instructions below will guide you how to properly start up the Power Pack and chute before working livestock.

1. Ensure Flow Control is set to Recirculation mode, start the Power Pack.
 - At this temperature the filter life indicator will read “RED” as the cold oil in the filter will make it appear plugged.
2. Leave Power Pack to re-circulate the oil for at least 20 minutes or until the filter Life indicator is at least in the Yellow range.



WARNING:

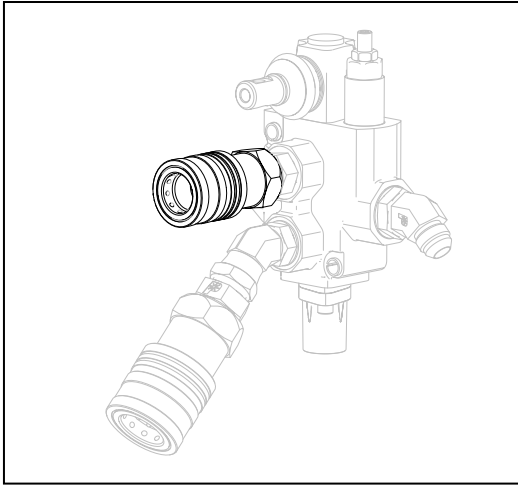
If you connect and attempt to run your chute before this, none of the oil will be filtered. This can cause future damage to your equipment.

3. Ensuring the Power Pack is connected to the chute, flip Power Pack to Powered mode.
4. Let the oil cycle to the chute, warming the lines and the valve bank for approximately 10 mins.
5. Starting with the headgate control, cycle the headgate through its full range of motion until it begins to move at its normal speed, 20-30 times.
6. Repeat this with the rest of the chute functions. You are now ready to work cattle.

CONNECTING TO NON-ARROWQUIP EQUIPMENT

Arrowquip Power Packs are equipped with quick couplers to quickly attach to Arrowquip's current series of hydraulic products. Other hydraulic chute's including Arrowquip's previous series may not have male quick coupler ends that are compatible with those on the Power Pack. The following sections will provide an interchange guide of compatible quick coupler ends from a variety of manufacturers.

1/2" PRESSURE QUICK COUPLER COMPATIBILITY



COMPATIBLE MALE HOSE ENDS



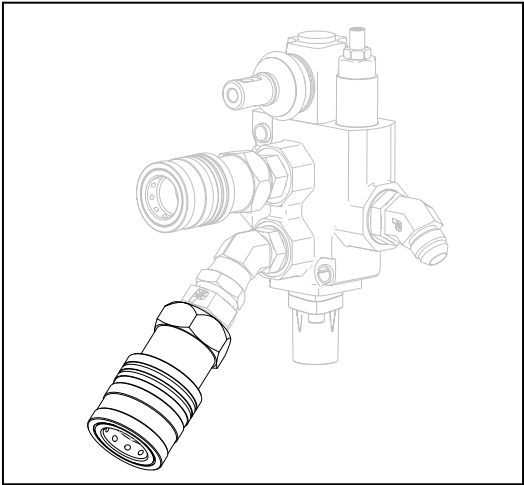
MALE HOSE END BRAND INTERCHANGE	
BRAND	PART NUMBER (PN)
PULSAR	C402-08
PERFECTING	AG4F4-PV
AEROQUIP	5602-8-10S
DNP	NS-08-08-N-NPT
FASTER	2NS12NPTM
HANSEN	N/A
HOLMBURY	DINB12-MS-08N
PARKER	8010-4P
SAFEWAY	S71-4P
SNAP-TITE	61N8-8F
STUCCHI	M IRV 12 NPT

COMPATIBLE FEMALE REPLACEMENT



FEMALE COUPLER BRAND INTERCHANGE	
BRAND	PART NUMBER (PN)
PULSAR	C401-08
PERFECTING	4AGF4-PV
AEROQUIP	N/A
DNP	NS-08-08-C-NPT
FASTER	NS12NPTF
HANSEN	N/A
HOLMBURY	DINB12-F-08N
PARKER	4050-4P
SAFEWAY	S25-4
SNAP-TITE	61C-8-8-F
STUCCHI	F IRV 12 NPT

3/4" RETURN QUICK COUPLER COMPATIBILITY



COMPATIBLE MALE HOSE ENDS



MALE HOSE END BRAND INTERCHANGE	
BRAND	PART NUMBER (PN)
PULSAR	C402-12
PERFECTING	AG6F6-PV
AEROQUIP	N/A
DNP	NS-12-12-N-NPT
FASTER	NSP34NPTM
HANSEN	N/A
HOLMBURY	DINB19-M-12N
PARKER	4110-5
SAFEWAY	S21F-6
SNAP-TITE	N/A
STUCCHI	M IRV 34 NPT

COMPATIBLE FEMALE REPLACEMENT

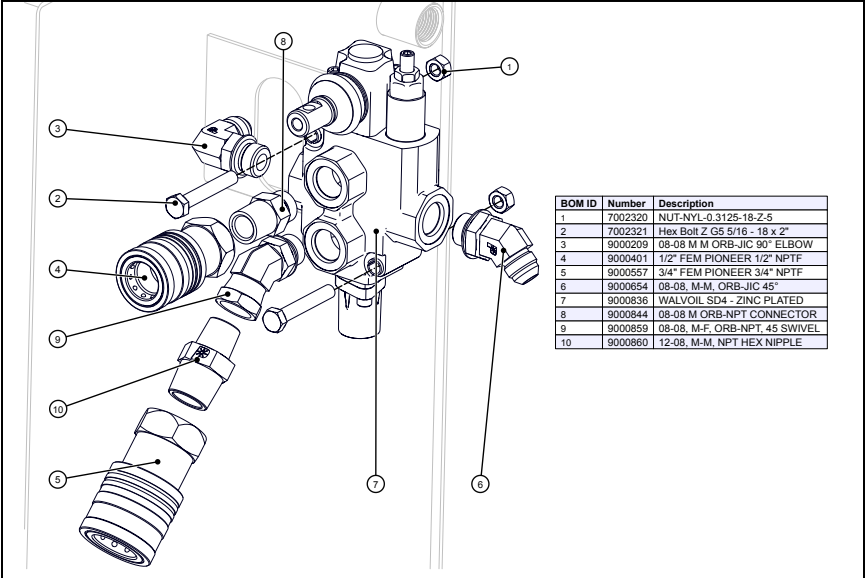
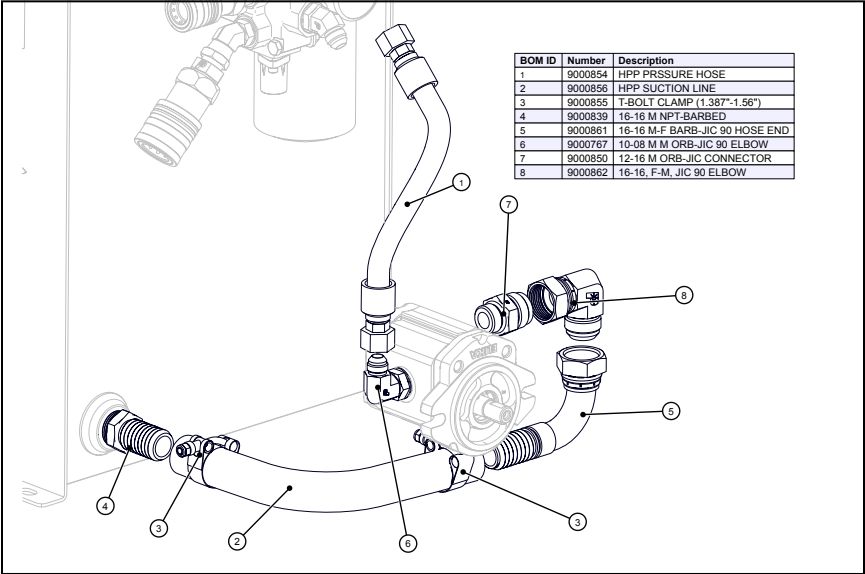


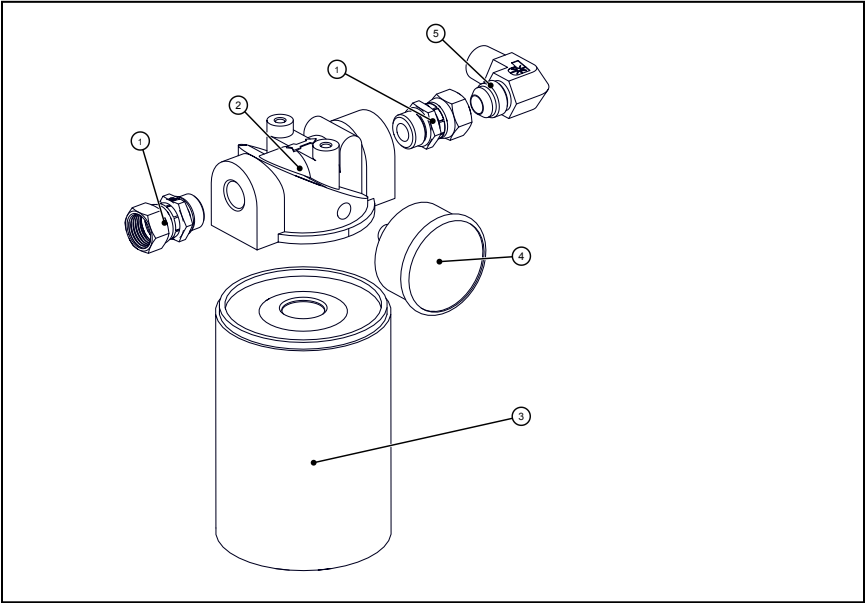
FEMALE COUPLER BRAND INTERCHANGE	
BRAND	PART NUMBER (PN)
PULSAR	C401-12
PERFECTING	6AGF6-PV
AEROQUIP	N/A
DNP	NS-12-12-C-NPT
FASTER	NSP34NPTF
HANSEN	N/A
HOLMBURY	DINB19-F-12N
PARKER	4150-5P
SAFEWAY	S25F-6
SNAP-TITE	N/A
STUCCHI	F IRV 34 NPT

SERVICE PARTS GUIDE

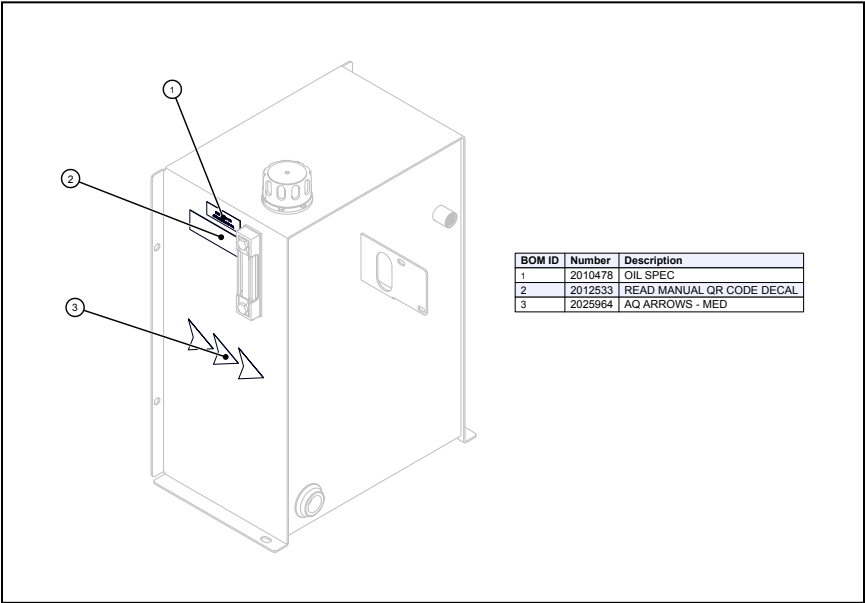
ALL POWER PACKS

HYDRAULIC CIRCUIT

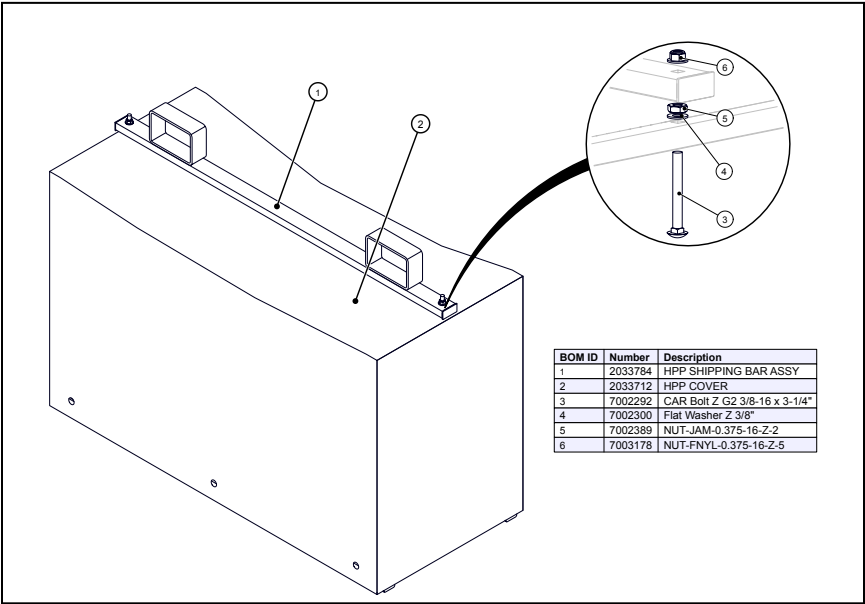




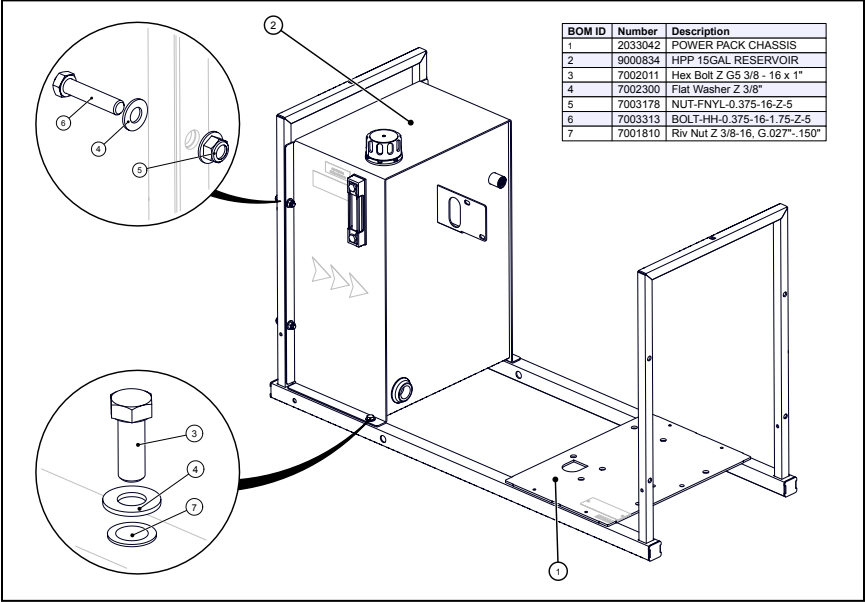
DECALS



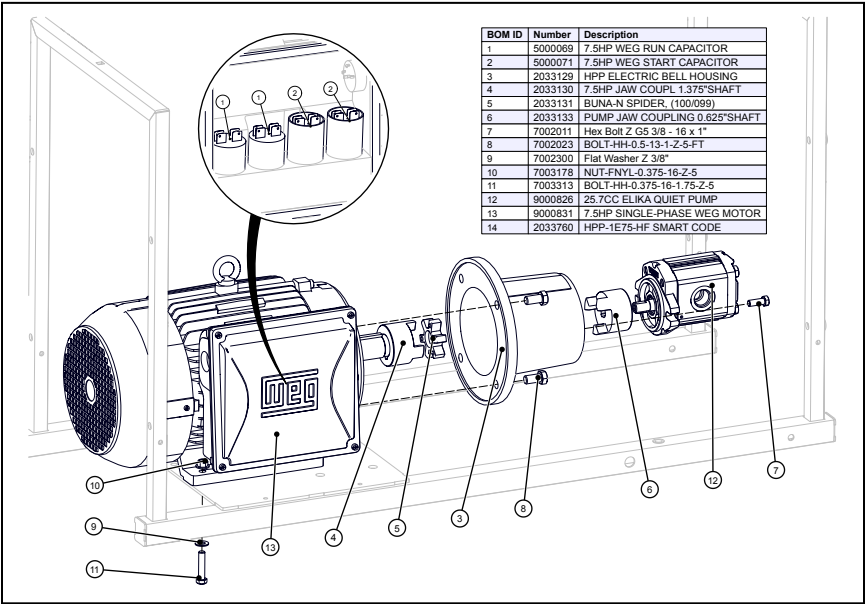
SHIPPING COMPONENTS



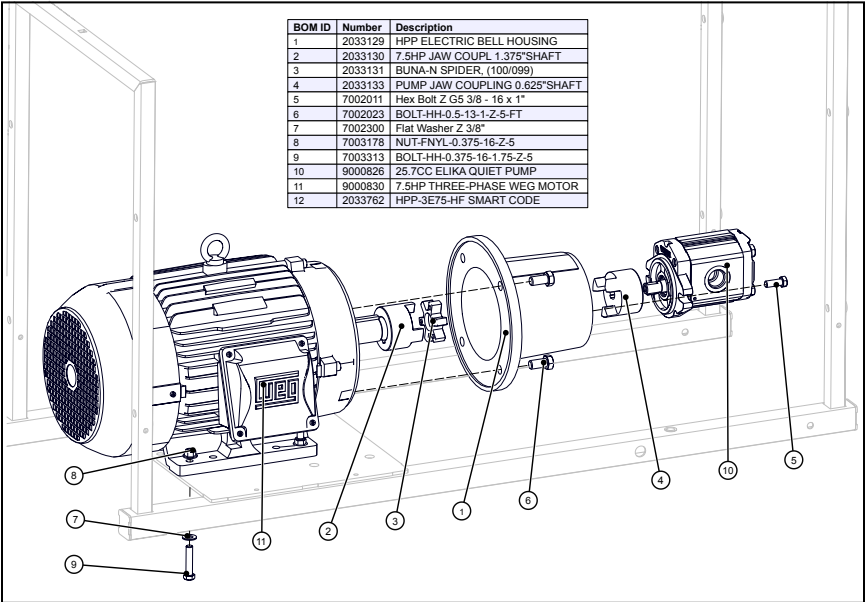
CHASSIS



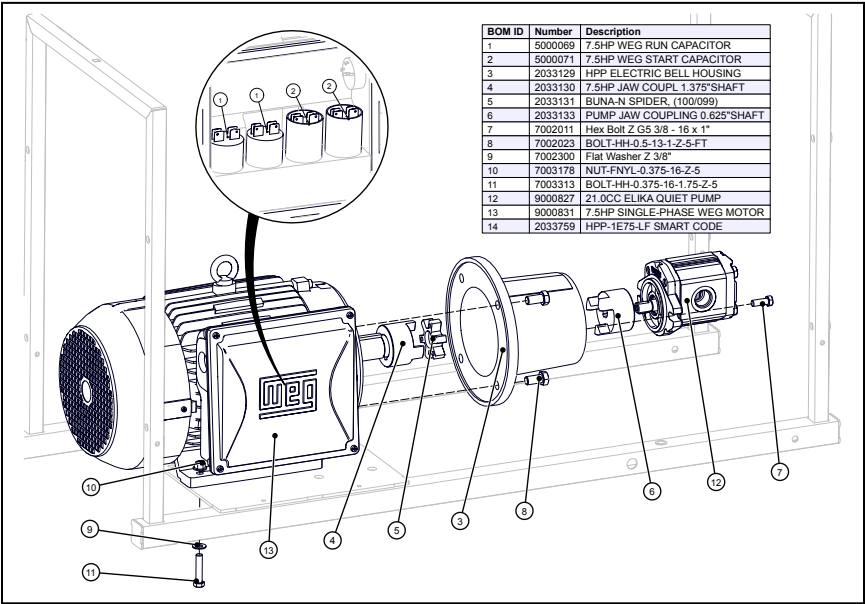
HPP-1E75-HF



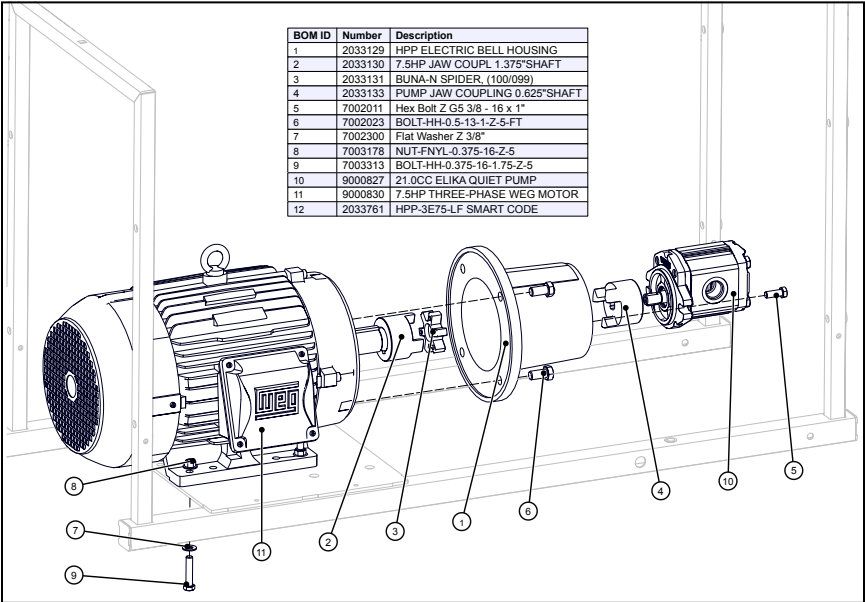
HPP-3E75-HF



HPP-1E75-LF

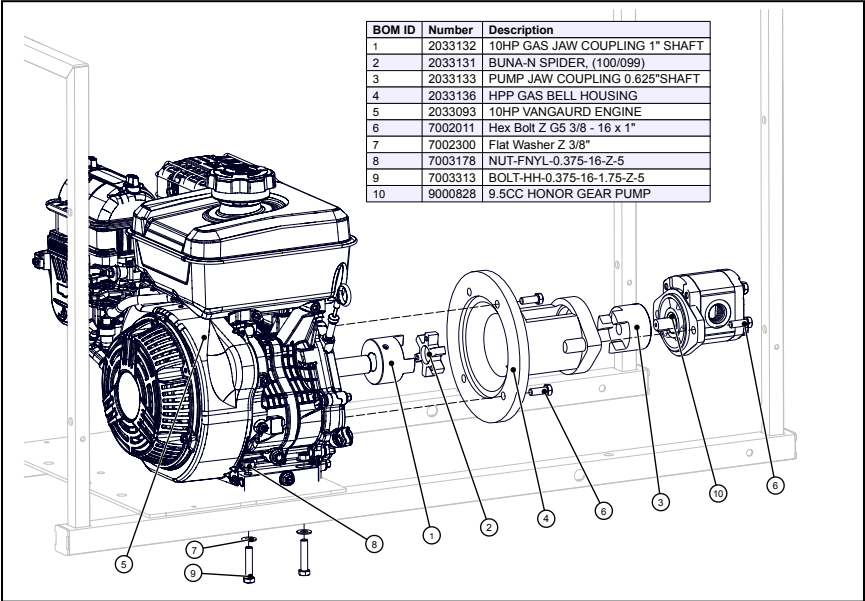


HPP-3E75-LF

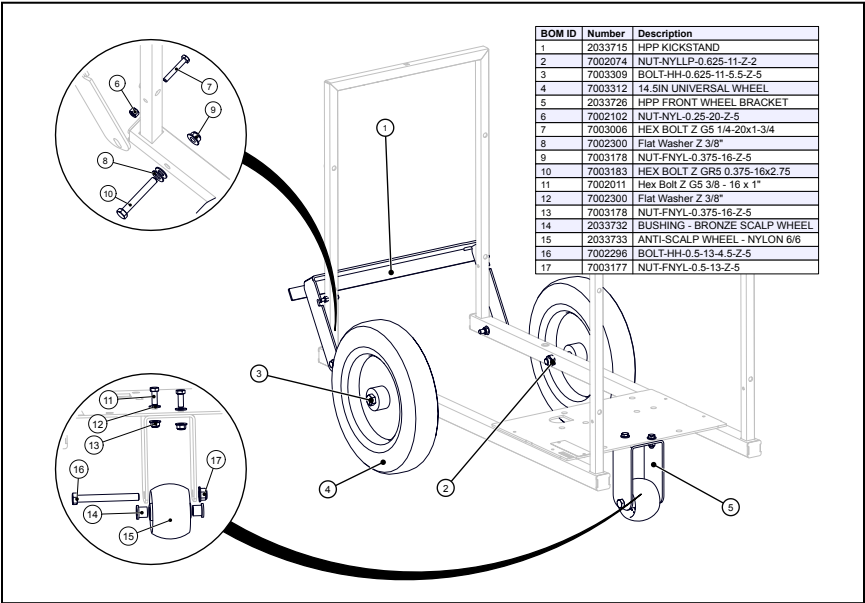


HPP-G10-LF

Drive Components



WHEEL KIT



WARRANTY

Your product must be registered to claim warranty, and to ensure that Arrowquip has the required information to contact you in the event of a product or part recall. Any owner who fails to register their product warranty with Arrowquip through their Authorized Arrowquip Dealer voluntarily voids their warranty. Arrowquip will repair or replace products or parts of a product that prove defective due to manufacturer defect during the Warranty Period, at their sole discretion. This excludes defects resulting from normal wear and tear or product misuse. Warranty does not cover corrosion.

NOTE: Any modification, in any fashion, to any Arrowquip equipment immediately voids the product warranty. This includes the parts contained therein.

E.g. If a modification is made to the squeeze mechanism in a squeeze chute, and the sternum bar is bent afterwards, warranty for the damaged part, the sternum bar, contained in the modified equipment, the squeeze chute, is void. In addition, any remaining warranty for the squeeze chute and other parts contained therein, including, but not limited to, the head gate, locking system, Arrowlock or Powerlock system, and rollers, is null and void.

WARRANTY PERIOD

Calving Pen | 5 Years

REGISTER FOR WARRANTY NOW:

ONLINE: arrowquip.com/product-registration

PHONE: 1-877-275-6075 | **EMAIL:** cs@arrowquip.com



If you have any questions regarding your product or require assistance, please contact Arrowquip's Client Care Team at **1-877-275-6075** or by email at **cs@arrowquip.com**

arrowquip.com

