

Excavator Plate Compactor

Operation and Maintenance Manual



151005 & 151010

Register your
WARRANTY
within 30 days
of purchase



888-376-7027 | BlueDiamondAttachments.com



BD-092

Introduction: Owner Information

Thank you for your decision to purchase a Blue Diamond® Excavator Plate Compactor. To ensure maximum performance of your equipment, it is mandatory that you thoroughly study the Operator's manual and follow the recommendations. Proper operation and maintenance are essential to maximize equipment life and prevent personal injury.

Operate and maintain this equipment in a safe manner and in accordance with all applicable local, state, and federal codes, regulations and /or laws. Follow all on-product labeling and instructions.

Make sure that all personnel have read this Operator's Manual and thoroughly understand safe and correct operating, installation and maintenance procedures.

Blue Diamond is continually working to improve its products. Blue Diamond reserves the right to make any improvements or changes as deemed practical and possible without incurring any responsibility or obligation to make any changes or additions to equipment sold previously.

Although great care has been taken to ensure the accuracy of this publication, Blue Diamond makes no warranty or guarantee of any kind, written or expressed, implied or otherwise with regard to the information contained within this manual. Blue Diamond assumes no responsibility for any errors that may appear in this manual and shall not be liable under any circumstances for incidental, consequential or punitive damages in connection with, or arising from the use of this manual.

Keep this manual available for frequent reference. All new operators or owners must review the manual before using the equipment and annually thereafter. Contact your Blue Diamond Attachments Dealer for assistance, information, or additional copies of the manual. Contact www.bluediamondattachments.com or call 888-376-7027 for a complete list of dealers in your area.

Serial Number Location:

Please record attachment information in the space provided for future reference.



Model Number: _____

Serial Number: _____

Dealer Name: _____

Dealer Number: _____

Date of Purchase: _____

The serial number plate is located on the top of the frame.

Always use your serial number when requesting information or when ordering parts.

NOTE: The directions left, right, front and rear, as mentioned throughout this manual, are as viewed from the operator's position.

Revision Date: 12.14.2023

Blue Diamond® Attachments

Table of Contents

| | |
|--|-------|
| 1. Safety | 4-5 |
| 1.1 General Safety Information..... | 4 |
| 1.2 Safe Operation | 5 |
| 1.3 Personal Protective Equipment | 5 |
| 2. Transport and Installation | 6-7 |
| 2.1 Transport..... | 6 |
| 2.2 Attachment Hoses Connection..... | 6 |
| 2.3 Coupling and Uncoupling from the Excavator | 7 |
| 3. Operation | 8 |
| 3.1 Motor RPM | 8 |
| 4. Maintenance | 9-10 |
| 4.1 Cleaning | 9 |
| 4.2 Maintenance and Checks | 9 |
| 4.3 Hydraulic Circuit..... | 9 |
| 4.4 Weekly Maintenance..... | 10 |
| 4.5 Storing and Returning to Service | 10 |
| 4.6 Troubleshooting | 10 |
| 5. Parts..... | 11-16 |
| 5.1 151005 Parts Breakdown..... | 11 |
| 5.2 151010 Parts Breakdown | 14 |
| 6. Specifications | 17-18 |
| 6.1 Attachment Specifications | 17 |
| 6.2 Torque Specifications | 18 |
| 6.3 Optimal Environment Working Conditions..... | 18 |
| 11. Warranty..... | 19 |

1. Safety

1.1 General Safety Information



This SAFETY ALERT SYMBOL identifies important safety messages on the equipment and in the owner's manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.



The signal word **IMPORTANT** identifies procedures which must be followed to avoid damage to the machine.



The signal word **DANGER** on the machine and in the manuals indicates a hazardous situation which, if not avoided, will result in death or serious injury.



The signal word **WARNING** on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



The signal word **CAUTION** on the machine and in the manuals indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

General Operator Responsibilities



Follow all safety precautions outlined in this manual to avoid injury or death. This manual is not all inclusive. The operator is ultimately responsible for the safe operation of this attachment.

This attachment vibrates while in operation. Do not touch or leave any object on the attachment. The attachment must only be started by the operator in the operator's position.

This manual must be made available to any person responsible for operating the attachment. All operators must read this manual and the machine's Operator Manual before operating the attachment.

Operators must use all appropriate Personal Protective Equipment (PPE). This includes but is not limited to: safety glasses, dust masks, hardhat, and ear protection. Do not wear loose clothing, bulky bracelets, or other jewelry/clothing that may be caught in the machine.

The operator must not be under the influence of alcohol or any drugs which cause sleepiness or other impairments.

The working area must be indicated and illuminated.

The operator must follow the maintenance program recommended by the manufacturer to keep the attachment in good working condition.

It is absolutely forbidden to tamper with, eliminate, or modify safety devices or protections.



The temperature of certain parts of the equipment after working may be very hot: before taking any action on the equipment allow the temperature to cool and use gloves to protect hands from injuries.

1. Safety

1.2 Safe Operation

Operator Requirements

The operator must be suited to the work and be physically and mentally able to withstand the demands of operating the equipment for its intended use.

The operator must not allow anyone to approach the machine while it is running. Personnel not trained on this machine must NOT be allowed to use the machine.

The operator must follow all given instructions to obtain maximum performance, minimum consumption, and maximum safety.

The operator is ultimately responsible for his safety and the safety of others while operating this attachment. In order to be as safe as possible, the operator **MUST** follow all the safety regulations in this manual.

Operator's Position and Danger Zone

While the machine is running, no persons should enter the operation area. The machine's action radius should never be entered while the attachment is turned on (Item 4) [Figure 1].

The operator should be in the control area at all times when the machine is running (Item 1) [Figure 1].

Bystanders should never be in the danger zone of the machine's action radius while the machine is running (Item 3) [Figure 1]. If bystanders are required to be in the area, they must remain in a safe place outside the machine's action radius (Item 2) [Figure 1] beyond the safety zone limit (Item 5) [Figure 1].

The operator is responsible to take special care to make sure the entire operation zone including the machine's action radius and the safety zone limit are clear of bystanders for the entire time he or she is operating the machine.

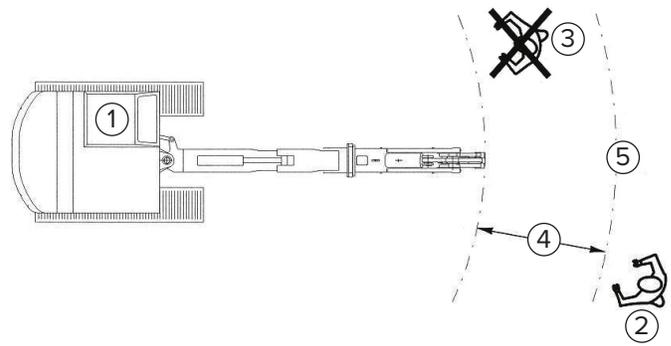


Figure 1

1.3 Personal Protective Equipment

The operator involved in working with the equipment or in the surroundings of the equipment must always be equipped with adequate Personal Protective Equipment (PPE). This includes but is not limited to:

- Hardhat
- Leather working gloves
- Safety glasses
- Proper work shoes
- Ear protection
- Proper work clothing

See General Operator Responsibilities in Section 1.1 on page 4 for more information on safe practices.

2. Transport and Installation



WARNING



The persons in charge of transport and installing the machine must be acquainted with the following instructions. The safety instructions in this manual are not all inclusive.



WARNING



Pay careful attention to the weight of the attachment.

2.1 Transport

Verify the total equipment weight in working conditions including the attachment weight found in section 6.1 Attachment Specifications on page 17.

To safely move the attachment when not attached to the excavator, use correct rigging and avoid direct contact between the rigging and sharp edges.

Always use transport and rigging that can accommodate the attachment's weight.

2.2 Attachment Hoses Connection



WARNING



AVOID SERIOUS MALFUNCTION

- The equipment can function only on an excavator with a breaker hydraulic circuit.
- Verify that the excavator circuit valves are open.
- Starting the equipment with the Return Line Valve CLOSED will cause severe damage to the hydraulic motor.

Connect the pressure line hose to the IN or entry side (Item 1) [Figure 2]. Connect the return line hose to the OUT or exit side (Item 2) [Figure 2].

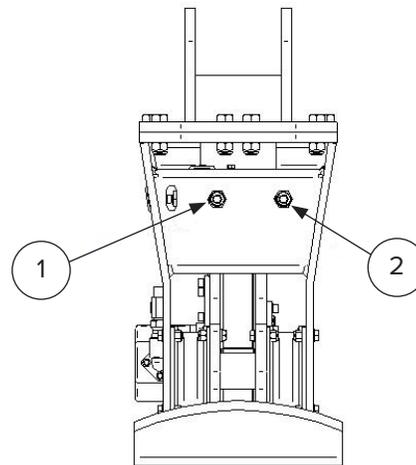


Figure 2

2. Transport and Installation

2.3 Coupling and Uncoupling from the Excavator

Coupling

1. Place the attachment horizontally with its axis parallel to the excavator boom on the ground in a stable position.
2. Remove the bucket (if present).
3. Insert the boom end in the middle of the adapter plate.
4. Line up the hole of the excavator boom with the equivalent one on the adapting plate, insert the first pin and secure.
5. Line up the hole of the connecting rod with the second hole on the adapting plate, insert the second pin and secure [Figure 3].



Close the excavator hydraulic circuit.

6. Remove the hydraulic circuit plugs. If there aren't any, collect the hydraulic oil in a container, then connect the hydraulic hoses to the equipment (See section 2.2 Attachment Hoses Connection on page 6).
7. Keep the hydraulic hose plugs in a safe place to be used again when servicing the equipment.

Uncoupling

1. Place the equipment horizontally on a safe area of ground.



DANGER



Turn off the excavator's hydraulic system before uncoupling the attachment!

2. Disconnect the quick couplers, making sure they are clear of foreign debris.
3. Remove the stud pin.
4. Pull out the arm pin.
5. After disconnecting the hydraulic system, pull the arm out of the mount ears.

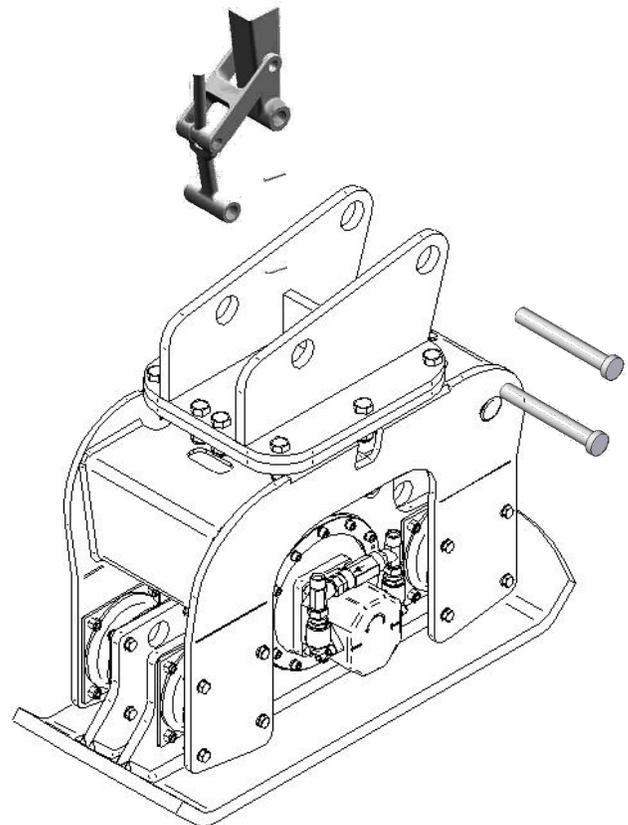


Figure 3

3. Operation



DANGER



The Operator **MUST** strictly follow the Manufacturer's instructions.

- Before starting the equipment, it is advisable to move the excavator boom back and forth several times to lubricate the bearings inside the vibration case.
- Always heat the oil before working, especially at low temperatures. Action the equipment or the central excavator piston to reach an oil temperature of 104–113°F (40–45°C).
- When starting, supply the necessary oil flow to the hydraulic motor in order to quickly reach the suggested RPM as this will avoid certain blows to the excavator boom.
- Once the equipment is placed at work, there is no need to stop it to reposition it.
- Position the equipment parallel to the service; an unbalanced load will damage the anti-vibrators.



CAUTION



Do not excessively load the equipment with the excavator boom during the compacting phase.

The casing and the vibrating plate must not come into contact during the compacting phase. Improper contact examples can be seen circled in Figure 4. When this contact is seen, there is an excessive load of the excavator.

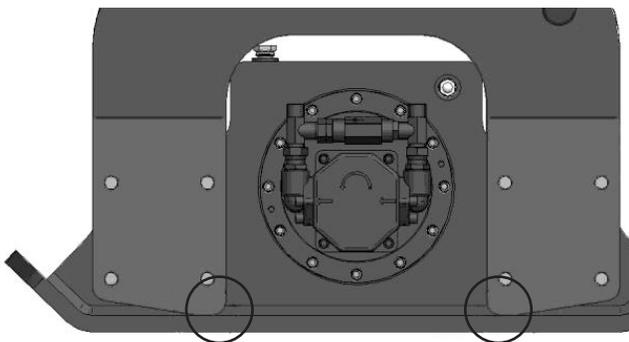


Figure 4

3.1 Motor RPM

When installing, the technician must determine the exact number of revolutions per minute of the excavator engine in order to supply the correct oil flow as technically specified.



DANGER



It is absolutely necessary that the operator follows these instructions.

The equipment will be damaged if the RPMs are higher or lower than those specified.

4. Maintenance



WARNING



DO NOT carry out any maintenance on the equipment or on the hydraulic circuit when they are under pressure or at high temperatures.

It is always essential to remove the connecting hoses between the attachment and excavator.

4.1 Cleaning

The equipment does not require specific actions. Particular care must be taken to avoid any type of oil contamination through all hydraulic hose couplings which must be clean and plugged when disconnected from the excavator hydraulic circuit.

4.2 Maintenance and Checks

The equipment requires some important maintenance, in order to work properly for a long time.

Greasing

The greasing operation, if done manually, must be performed every 100 hours supplying a suitable quantity of grease to the equipment. In the event that working conditions are excessively dusty or humid, it is advisable to perform the greasing operation every 50 hours.

Remember to use a grease that is:

- Water resistance
- Anti-rust, anti-corrosive
- NLGI 2 consistency
- Dripping point of 180°C
- Temperature of use point of -20 – 160°C

Oil Replacement

Oil replacement inside the case where the eccentric masses, gears, and bearings are found must be performed every 1000 hours.

We remind you to use wear resistant gear oil 80W90 with the following features:

- Density at 20°C — 890 kg/mm³
- Viscosity at 40°C — 135 cSt
- Freezing point — -29°C
- Aspect — Clear

Other Checks to Carry Out

Verify the absence of oil leakage from the hydraulic motor.

Verify the absence of cracks on the case or on the excavator adapting plate.

4.3 Hydraulic Circuit

Hydraulic Oil Temperature

Verify that the hydraulic oil temperature in the excavator tank during work does not exceed 80°C. Higher temperatures could damage the hydraulic motor.

Level of the Hydraulic Oil in the Tank

It is absolutely necessary to pay attention to the hydraulic oil level of the excavator tank. If it is under the lowest limit, the hydraulic motor can be damaged.

It is important to check the rigid and flexible hoses in order to find damages, crushed hoses, or oil leaking.

Hydraulic Hoses and Couplings

Both the rigid and flexible hoses must be checked for any damages, hose crushes, or oil leakages.

4. Maintenance

4.4 Weekly Maintenance

Oil Level

Check the oil level inside the vibrating case.

The equipment must be placed in a vertical position before starting and verified that the oil level is above the central position of the oil level inspection point (Item 1) [Figure 5]. If needed, add wear resistant gear oil.

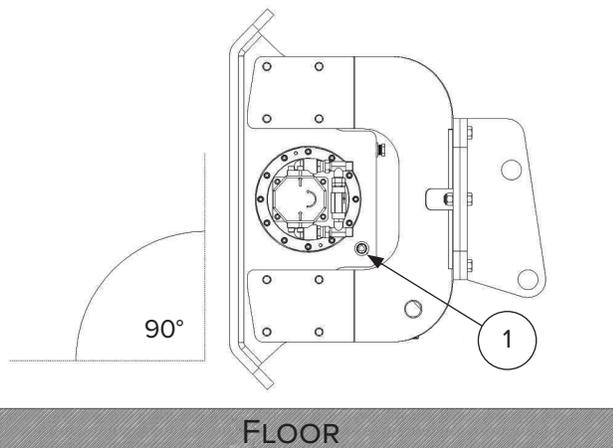


Figure 5

4.6 Troubleshooting

| PROBLEM | CAUSE | SOLUTION |
|---|---|--|
| Strong blows of the excavator boom | Excessive excavator load avoiding the anti-vibrators to absorb vibrations | Lower the load on the equipment |
| | Low oil flow supplied to the equipment | Check the supplied oil flow |
| | Oil flow control valve not set correctly | Contact Blue Diamond® Attachments product support to set correctly |
| Working pressure exceeding 60 bar with the equipment lifted from the ground | Possible bearing damage | Check and replace if needed |

Check Bolt Loosening

Check the eventual loosening of bolts on a weekly basis. Pay particular attention to:

- Adapting plate bolts
- Hydraulic motor bolts
- Anti-vibrator fixing bolts

4.5 Storing and Returning to Service

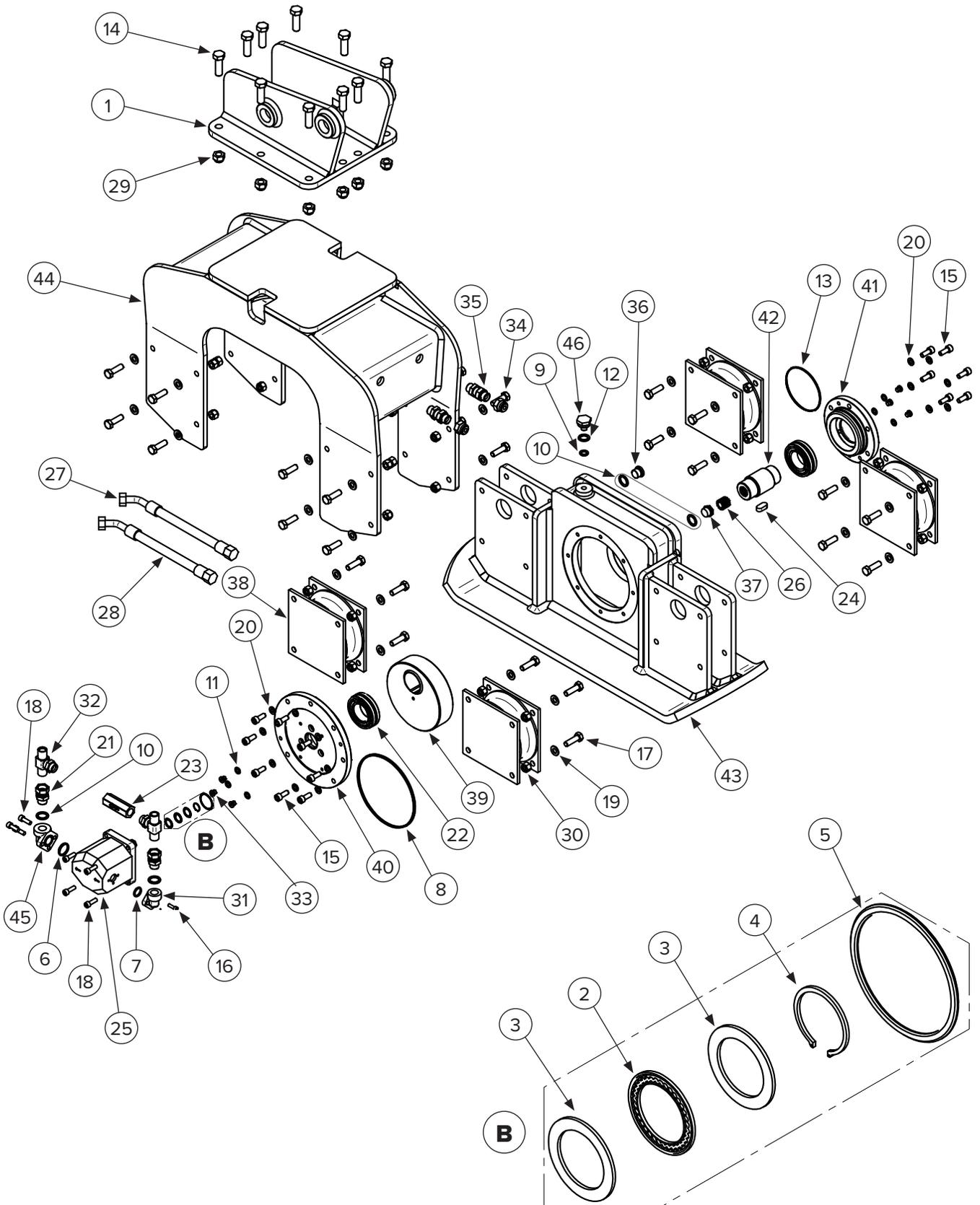
Stock the equipment in a horizontal position in a dry place.

Returning to Service

After a long period of storage, before starting the attachment, it is necessary to move it back and forth with the excavator boom and repeat this procedure at least 2 or 3 times. This operation allows the bearings to be lubricated before use.

5. Parts

5.1 151005 Parts Breakdown



5. Parts

5.1 151005 Parts Breakdown Cont'd

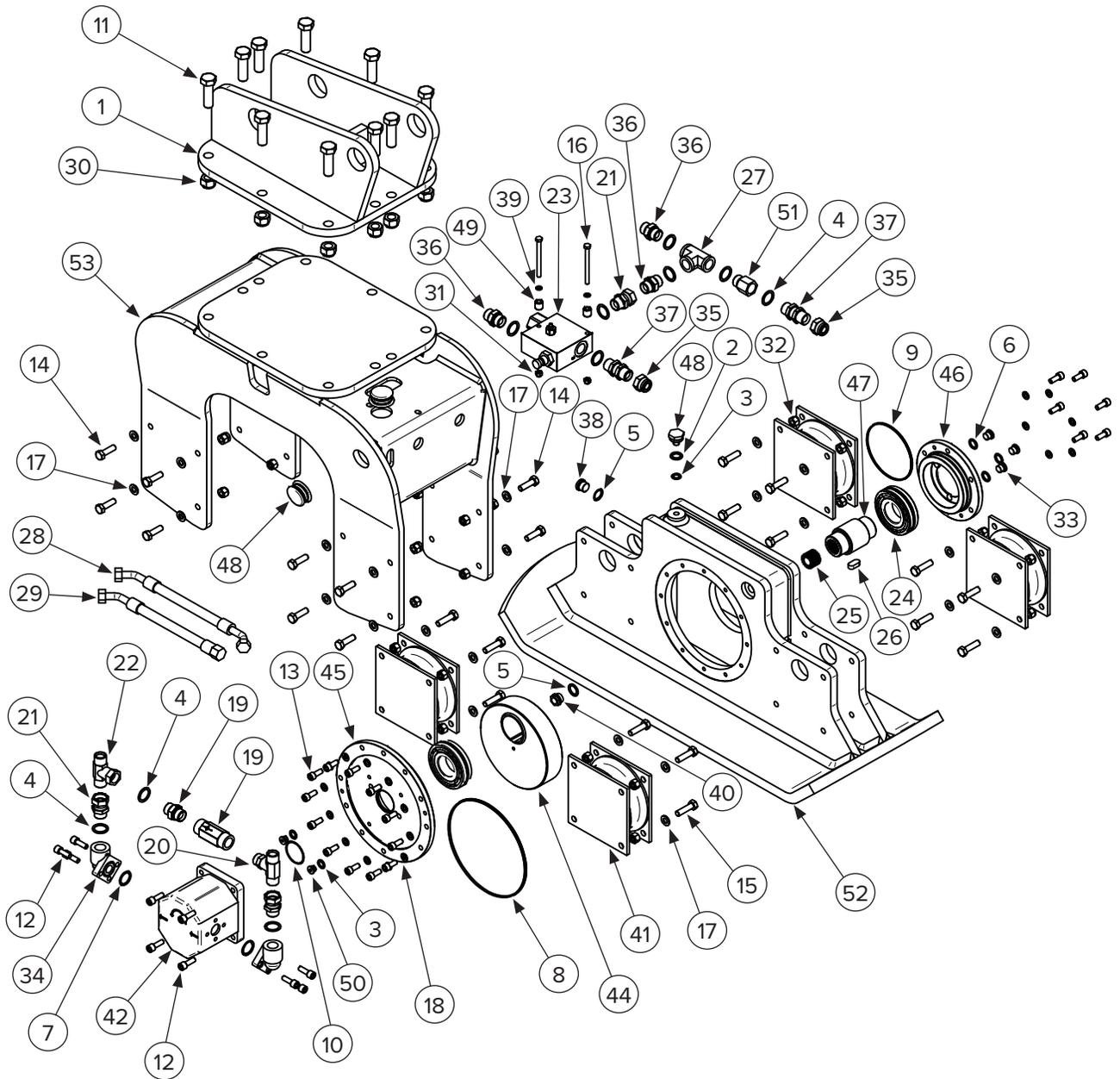
| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|-------------|---|-----|
| 1 | Varies | Adapting Plate | 1 |
| B | 251251 | Motor Seal Kit (Contains Items 2 – 5) | 1 |
| 2 | — | Motor Variseal (included in seal kit) | 1 |
| 3 | — | Motor Plate (included in seal kit) | 2 |
| 4 | — | Motor Snap Ring (included in seal kit) | 1 |
| 5 | 251252 | O-Ring (included in seal kit) | 1 |
| 6 | 251253 | O-Ring | 1 |
| 7 | 251120 | Motor Small Flange Fitting O-Ring | 1 |
| 8 | 251255 | O-Ring | 1 |
| 9 | 235252 | Bonded Washer | 1 |
| 10 | 235305 | Bonded Washer | 4 |
| 11 | 236614 | Bonded Washer | 6 |
| 12 | 235252 | O-Ring | 1 |
| 13 | 251122 | O-Ring | 1 |
| 14 | 251163 | Mount Bolt | 10 |
| 15 | 251164 | Right Cover Bolt | 14 |
| 16 | 251165 | Motor Small Flange Fitting Bolt | 3 |
| 17 | 235266 | Screw | 32 |
| 18 | 251166 | Motor Large Flange Fitting Bolt | 7 |
| 19 | 251167 | Washer For Vibration Damper | 32 |
| 20 | 251168 | Right Cover Washer | 14 |
| 21 | 251123 | Straight Fitting - Motor Fitting To Tee Fitting | 2 |
| 22 | 251124 | Bearing | 2 |
| 23 | 251125 | Valve | 1 |
| 24 | 251126 | Guide | 1 |
| 25 | 251250 | Hydraulic Motor | 1 |
| 26 | 251127 | Gear Component | 1 |
| 27 | 251128 | Motor To Bulkhead Supply Hose | 1 |
| 28 | 251129 | Motor To Bulkhead Return Hose | 1 |
| 29 | 251169 | Mount Nut | 10 |
| 30 | 235267 | Nut | 32 |
| 31 | 251130 | Motor Flange Fitting - Supply Side | 1 |
| 32 | 251131 | Tee Fitting For H-Valve | 2 |
| 33 | 251132 | Plug | 6 |

5. Parts

| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|-------------|---------------------|-----|
| 34 | 235320 | Plug | 2 |
| 35 | 251133 | Bulkhead Adapter | 2 |
| 36 | 236589 | Plug | 1 |
| 37 | 251134 | Oil Level Indicator | 1 |
| 38 | 251115 | Vibrating Damper | 4 |
| 39 | 251135 | Ex-centric Mass | 1 |
| 40 | 251136 | Left Cover | 1 |
| 41 | 251137 | Right Cover | 1 |
| 42 | 251138 | Shaft | 1 |
| 43 | 251139 | Internal Case | 1 |
| 44 | 251140 | External Case | 1 |
| 45 | 251141 | Flange | 1 |
| 46 | 251505 | Filter Tap | 1 |

5. Parts

5.2 151010 Parts Breakdown



5. Parts

| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|-------------|---|-----|
| 1 | 251205 | Adapting Plate | 1 |
| 2 | 251510 | O-Ring | 1 |
| 3 | 235252 | Bonded Washer | 3 |
| 4 | 235352 | Bonded Washer | 10 |
| 5 | 235305 | Bonded Washer | 2 |
| 6 | 236535 | Bonded Washer | 3 |
| 7 | 236539 | O-Ring | 2 |
| 8 | 251142 | Motor Base Plate O-Ring Seal | 1 |
| 9 | 251143 | Right Cover O-Ring | 1 |
| 10 | 251144 | Motor Shaft O-Ring Seal | 1 |
| 11 | 251175 | Screw | 10 |
| 12 | 251170 | Motor Flange Fitting Bolt | 10 |
| 13 | 251164 | Right Cover Bolt | 18 |
| 14 | 253266 | Screw | 16 |
| 15 | 251171 | Vibration Damper Bolt | 16 |
| 16 | 251172 | Valve Block Bolt | 2 |
| 17 | 251167 | Washer For Vibration Damper | 32 |
| 18 | 251168 | Right Cover Washer | 18 |
| 19 | 251145 | Valve | 1 |
| 20 | 251146 | Tee Fitting For H-Valve - Supply Side | 1 |
| 21 | 251147 | Straight Fitting - Motor Fitting To Tee Fitting | 3 |
| 22 | 251148 | Tee Fitting For H-Valve - Return Side | 1 |
| 23 | 251149 | Valve Block | 1 |
| 24 | 251150 | Bearing | 2 |
| 25 | 251110 | Gear Component | 1 |
| 26 | 251126 | Guide | 1 |
| 27 | 251353 | Coupling | 1 |
| 28 | 251151 | Motor To Bulkhead Supply Hose | 1 |
| 29 | 251152 | Motor To Bulkhead Return Hose | 1 |
| 30 | 299022 | Nut | 10 |
| 31 | 251173 | Valve Block Nut | 2 |
| 32 | 235267 | Nut | 32 |

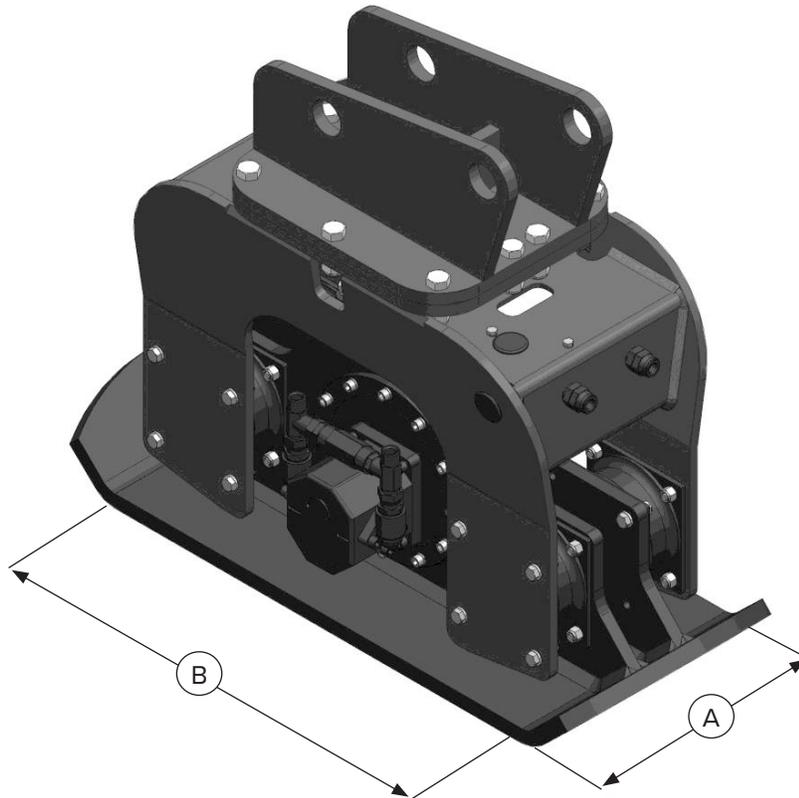
5. Parts

5.2 151010 Parts Breakdown Cont'd

| ITEM | PART NUMBER | DESCRIPTION | QTY |
|------|-------------|----------------------|-----|
| 33 | 236585 | Plug | 3 |
| 34 | 251153 | Motor Flange Fitting | 2 |
| 35 | 235362 | Plug | 2 |
| 36 | 235124 | Nipple | 4 |
| 37 | 251350 | Bulkhead Adapter | 2 |
| 38 | 236589 | Plug | 1 |
| 39 | 251174 | Valve Block Washer | 2 |
| 40 | 251134 | Oil Level Indicator | 1 |
| 41 | 251115 | Vibrating Damper | 4 |
| 42 | 251154 | Hydraulic Motor | 1 |
| 43 | 236609 | Plug | 2 |
| 44 | 251155 | Ex-centric Mass | 1 |
| 45 | 251156 | Left Cover | 1 |
| 46 | 251157 | Right Cover | 1 |
| 47 | 251158 | Shaft | 1 |
| 48 | 251505 | Filter Tap | 1 |
| 49 | 251159 | Spacer Valve | 2 |
| 50 | 251160 | Bearing Plug | 2 |
| 51 | 251351 | Coupling | 1 |
| 52 | 251161 | Internal Case | 1 |
| 53 | 251162 | External Case | 1 |

6. Specifications

6.1 Attachment Specifications



| DESCRIPTION | 151005 | 151010 |
|---|-----------------------|-----------------------|
| Excavator Weight | 5,000 – 12,000 lb | 12,000 – 22,000 lb |
| Attachment Weight (working conditions) | 552 lbs | 882 lbs |
| Compaction Area (Items A and B) | 12 in X 24 in (A X B) | 16 in X 32 in (A X B) |
| Frequency | 35 Hz | 35 Hz |
| Power Output | 18 kN | 32 kN |
| Min / Max Oil Flow (optimum) | 11 – 16 GPM (12 GPM) | 15 – 23 GPM (19 GPM) |
| Max working pressure | 180 Bar (2610 PSI) | 180 Bar (2610 PSI) |
| Back pressure from excavator pump | 15 Bar (218 PSI) | 15 Bar (218 PSI) |
| Hydraulic oil in the vibrating case (≈/- 0.1 L) | 0.55 L | 0.75 L |
| Max temperature in the vibrating case | 80°C (176°F) | 80°C (176°F) |
| Equipment height without adapting plate | 585 mm | 645 mm |
| Hydraulic Hose Connection | 1/2" BSPP | 3/4" BSPP |
| Classification (EN) | 853 2SN | 853 2SN |

6. Specifications

6.2 Torque Specifications

| SCREW TIGHTENING VALUES | | 151005 & 151010 |
|-----------------------------|--------|------------------|
| Cover Screws — Motor Flange | Size | M10 – 10.9 |
| | Torque | 60 Nm (45 ft-lb) |
| Anti-vibration Screws | Size | M12 8.8 |
| | Torque | 80 Nm (60 ft-lb) |

6.3 Optimal Environment Working Conditions

| DESCRIPTION | 151005 & 151010 |
|-------------|-------------------------|
| Temperature | -5 – 45°C (-23 – 113°F) |
| Humidity | 40 – 90% |



Warranty

MANUFACTURER'S LIMITED WARRANTY

BLUE DIAMOND® ATTACHMENTS, a manufacturer of quality attachments, warrants new BLUE DIAMOND® ATTACHMENTS products and/or attachments at the time of delivery to the original purchaser, to be free from defects in material and workmanship when properly set up and operated in accordance with the recommendations set forth by BLUE DIAMOND® ATTACHMENTS, LLC.

BLUE DIAMOND® ATTACHMENTS liability for any defect with respect to accepted goods shall be limited to repairing the goods at a BLUE DIAMOND® ATTACHMENTS designated location or at an authorized dealer location, or replacing them, as BLUE DIAMOND® ATTACHMENTS shall elect. The above shall be in accordance with BLUE DIAMOND® ATTACHMENTS warranty adjustment policies. BLUE DIAMOND® ATTACHMENTS obligation shall terminate twelve (12) months for the Excavator Plate Compactor after the delivery of the goods to original purchaser.

This warranty shall not apply to any machine or attachment which shall have been repaired or altered outside the BLUE DIAMOND® ATTACHMENTS factory or authorized BLUE DIAMOND® ATTACHMENTS dealership or in any way so as in BLUE DIAMOND® ATTACHMENTS judgment, to affect its stability or reliability, nor which has been subject to misuse, negligence or accident beyond the company recommended machine rated capacity.

WARRANTY CLAIM

To submit a warranty claim, a claim must be filed with BLUE DIAMOND® ATTACHMENTS before work is performed. The BLUE DIAMOND® PRODUCT SUPPORT TEAM will advise repairs and applicable parts exchanges. Tampering with the failed part may void the warranty. This warranty does not include freight or delivery charges incurred when returning machinery for servicing. Dealer mileage, service calls, and pickup/delivery charges are the customers' responsibility.

EXCLUSIONS OF WARRANTY

Except as otherwise expressly stated herein, BLUE DIAMOND® ATTACHMENTS makes no representation or warranty of any kind, expressed or implied, AND MAKES NO WARRANTY OF MERCHANTABILITY IN RESPECT TO ITS MACHINERY AND/OR ATTACHMENTS ARE FIT FOR ANY PARTICULAR PURPOSE. BLUE DIAMOND® ATTACHMENTS shall not be liable for incidental or consequential damages for any breach or warranty, including but not limited to inconvenience, rental of replacement equipment, loss of profits or other commercial loss. Upon purchase, the buyer assumes all liability for all personal injury and property resulting from the handling, possession, or use of the goods by the buyer.

No agent, employee, or representative of BLUE DIAMOND® ATTACHMENTS has any authority to bind BLUE DIAMOND® ATTACHMENTS to any affirmation, representation, or warranty concerning its machinery and/or attachments except as specifically set forth herein.

This warranty policy supersedes any previous documents.

NOTE: Blue Diamond® Attachments is a trademark of BLUE DIAMOND® ATTACHMENTS



QUALITY | DEPENDABILITY | INTEGRITY

Blue Diamond® Attachments
4512 Anderson Road, Knoxville, TN 37918
888-376-7027