



VIBRATORY PLATE COMPACTOR

Part# VP3800 | EDI# 28693
Part# VP3800W | EDI# 29542



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www.MARSHALLTOWN.com
WS2732

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INTRODUCTION

Congratulations on your purchase of a MARSHALLTOWN vibratory plate compactor. MARSHALLTOWN prides itself in producing the highest quality construction tools and equipment for the professional and has applied the same research, design, and production principles to these plate compactors.

These powerful machines are designed for compacting granular fill materials and asphalt. The VP3800 is a leader in it's class in both centrifugal force and operation speed. With 3,800 pounds of centrifugal force you can expect a well-compacted base while traveling at over 100 feet per minute.

The VP3800W can be used in all applications but it's water tank feature is necessary for keeping material from sticking to the bottom of the plate during asphalt paving and patching. It's water tank can be filled on the machine or easily removed and replaced to fill at a water source.

Your MARSHALLTOWN plate compactor has a first of it's kind foldable handle that locks into place during transport and while moving around the job site. A lifting loop built into the frame allows for lifting strap or forklift access for job site placement

This machine was built with user safety in mind, however, it can present hazards if improperly operated and serviced. Carefully read and follow all safety and operating instructions in this manual. Ensure every operator reads this manual before operating the unit. The replacement of any part with anything other than the manufacturer's authorized replacement part may adversely affect the performance, durability, and safety of the product. Be sure safety precautions are observed. Read and follow all safety and operating instructions in this operator's manual. The manufacturer reserves the right to make changes on or add improvements to its product at any time without prior notice or obligation. The manufacturer reserves the right to decide, upon its sole discretion and at any time, to discontinue this product. Information regarding operation and maintenance of the engine can be found in a separate engine manual supplied with this machine. The engine manual provides all the information required regarding engine adjustments, operation and maintenance. Should any questions arise concerning engine operation or service, contact the nearest engine repair facility or the engine manufacturer. This manual covers all MARSHALLTOWN plate compactors and options. For technical questions or repair parts, please call MARSHALLTOWN customer service at 1-800-888-0127, 641-753-6341 or visit www.MARSHALLTOWN.com.

SAFETY PRECAUTIONS



WARNING safety signs are located near specific hazards.



General precautions are listed on CAUTION safety signs.



This notation appears before warnings in the text. It means that the step that follows must be carried out to avoid the possibility of personal injury or death. These warnings are intended to help the technician avoid any potential hazards encountered in the normal service procedures. We strongly recommend that the reader takes advantage of the information provided to prevent personal injury or injury to others.

THE FOLLOWING PRECAUTIONS ARE SUGGESTED TO HELP PREVENT ACCIDENTS. A CAREFUL OPERATOR IS THE BEST OPERATOR. MOST ACCIDENTS CAN BE AVOIDED BY OBSERVING CERTAIN PRECAUTIONS. READ AND TAKE THE FOLLOWING PRECAUTIONS BEFORE OPERATING THIS EQUIPMENT TO HELP PREVENT ACCIDENTS. EQUIPMENT SHOULD BE OPERATED ONLY BY THOSE WHO ARE RESPONSIBLE AND INSTRUCTED TO DO SO.

CALIFORNIA PROPOSITION 65 WARNING: Operation of this equipment and/or engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

- Read all operating and maintenance instructions before operating or servicing the machine.
- Equipment is only as safe as its operator. Give complete and undivided attention to the operation of the equipment.
- Keep inexperienced and unauthorized people away from equipment at all times.
- Know how to stop the equipment instantly.
- Test all safety switches before every use.
- Always have all guards and safety devices attached and in place before operating equipment.



NEVER operate the plate compactor with the belt guard cover off.



NEVER let go of the plate compactor or walk away from it while it is running.

- Always make sure engine RPM's are low and clutch is not engaged when idling engine during warm up.
- Always make sure engine is stopped with the switch in the "OFF" position before making any adjustments or putting hands or tools near the plate compactor.
- Always make sure engine is in "OFF" position when servicing or not in use.
- Keep the plate compactor in good condition. Loose or damaged parts are dangerous.
- Avoid loose clothing that could get caught in moving parts.



Keep hands and feet away from moving parts.

- Always allow ample time for the plate compactor to cool before making any adjustments.
- Do not smoke while refueling the engine. Ensure the engine is in the "off" position and allow it to cool before refueling.
- Do not spill fuel.
- NEVER operate the plate compactor in confined areas without ample ventilation.
- Keep all warning, caution and safety instruction labels in good condition. Replace missing, damaged or illegible labels.
- DO NOT OPERATE this plate compactor under the influence of alcohol or while taking medication that impairs your reactions.
- Never sit or ride on the plate compactor.
- Always properly secure machine before transporting.
- Always follow recommended maintenance schedules.
- Use factory authorized parts for replacement.
- Never try to lift unit by yourself.
- Wear safety glasses and hearing protection while operating the plate compactor.
- Wear proper protective clothing while operating plate compactor, including eye, ear, and clothing.
- Clear the work area around the machine to prevent tripping or falling onto the plate compactor.
- Do not operate the plate compactor on extreme inclines.

SAFETY DECALS

If your safety decals are damaged, they can be replaced by contacting Customer Service.



WS2844



WS2845

MARSHALLTOWN

WS2842

VP3800

WS2843

VP3800W

WS2853



R6232

3 YEAR PLATE COMPACTOR WARRANTY

This product is warranted to the original purchaser only to be free of defects in material and workmanship, under normal use and servicing, for a period of 3 years from the purchase date, excluding the engine. Warranty on the engine is limited to the warranty extended by the engine manufacturer and any warranty claims related to the engine should be directed to the engine manufacturer. MARSHALLTOWN Company's sole obligation under this warranty is limited to the replacement or repair of the product or covered part(s) at no charge delivered to you F.O.B standard ground rates from its designated facility if the product is determined upon inspection by MARSHALLTOWN Company to have been defective in materials or workmanship. MARSHALLTOWN Company's warranty for replacement parts will extend for the duration of the original product warranty.

This warranty will not apply when the product becomes damaged or inoperative due to misuse, abuse, normal wear and tear, neglect, improper maintenance, accident, or freight damage; if the product has not been operated and maintained in accordance with the instructions furnished in the Operator's Manual; or when the product has been altered or modified without approval from MARSHALLTOWN Company.

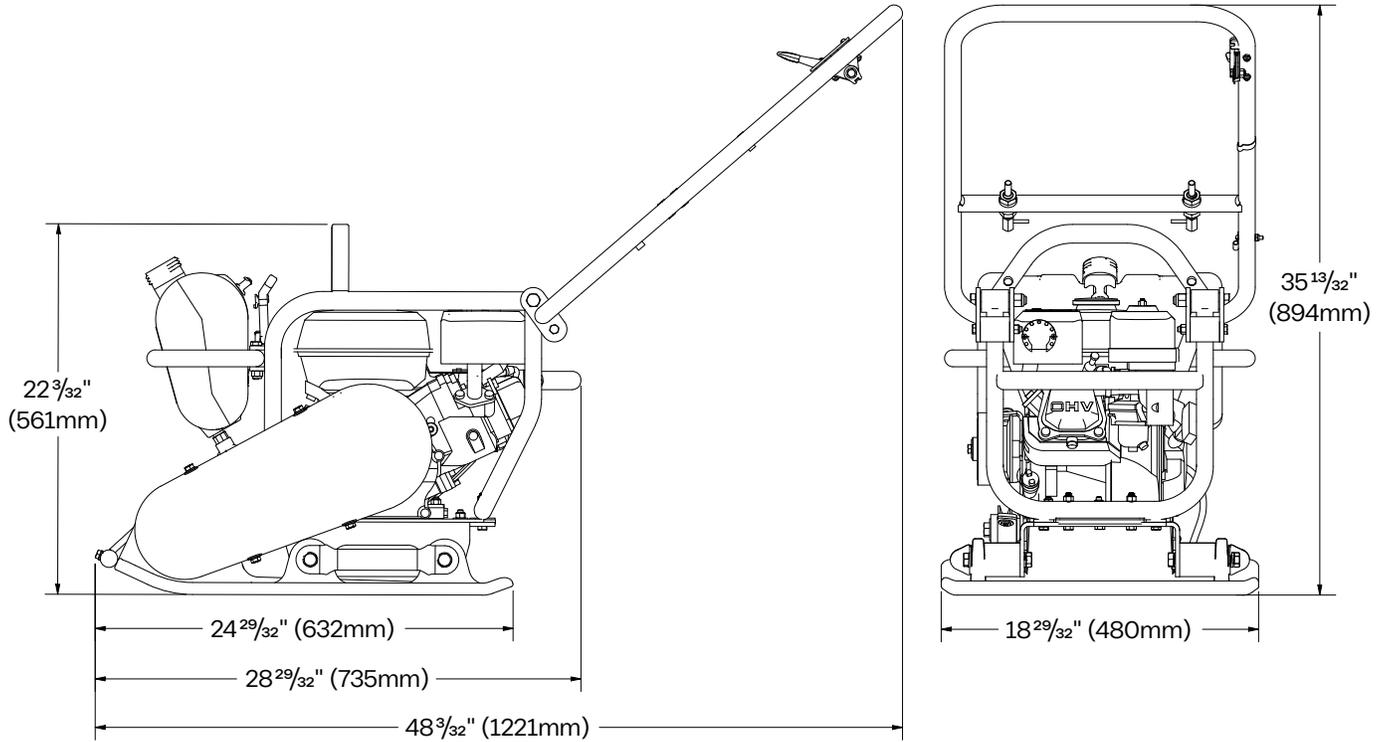
Under no circumstances shall MARSHALLTOWN Company be responsible or liable for any consequential, special, or punitive damages, pickup and delivery of the unit, inbound shipping charges to MARSHALLTOWN Company's service facility, rental charges for a replacement unit, loss of income, or other loss resulting from the failure of the product to function properly because of a defect in material or workmanship covered under this warranty.

There are no warranties which extend beyond the description of this warranty. No employee or agent of MARSHALLTOWN Company has the authority to modify this warranty.

If you wish to make a warranty claim, contact Customer Service at 1-800-888-0127 for return authorization and instructions.

THE FOREGOING LIMITED WARRANTIES ARE EXCLUSIVE AND ARE GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ALL OTHER REMEDIES. MARSHALLTOWN COMPANY'S TOTAL LIABILITY ARISING OUT OF SUPPLYING AND THE USE OF THE EQUIPMENT, WHETHER BASED ON A CLAIM OF WARRANTY, NEGLIGENCE, OR OTHERWISE, SHALL NOT EXCEED THE COST PAID BY YOU FOR THE EQUIPMENT.

SPECIFICATIONS



CENTRIFUGAL FORCE	3802 LB (1725 KG)
VIBRATION FREQUENCY	5000 VPM (83 HZ)
TRAVELING SPEED	110 FT/MIN (34 M/MIN)
PLATE SIZE (L X W)	23.7" X 18.9" (602 X 480MM)
MAX. AREA OF COMPACTION	9,733 SQ FT/HR (904 SQ M/HR)
OPERATING WEIGHT	202 LB (92 KG)
WATER TANK CAPACITY	2 GAL (7.6 L)
LUBRICATING OIL IN EXCITER CASE	14.5 OZ (429CC) OF FULL SYNTHETIC 10W-30

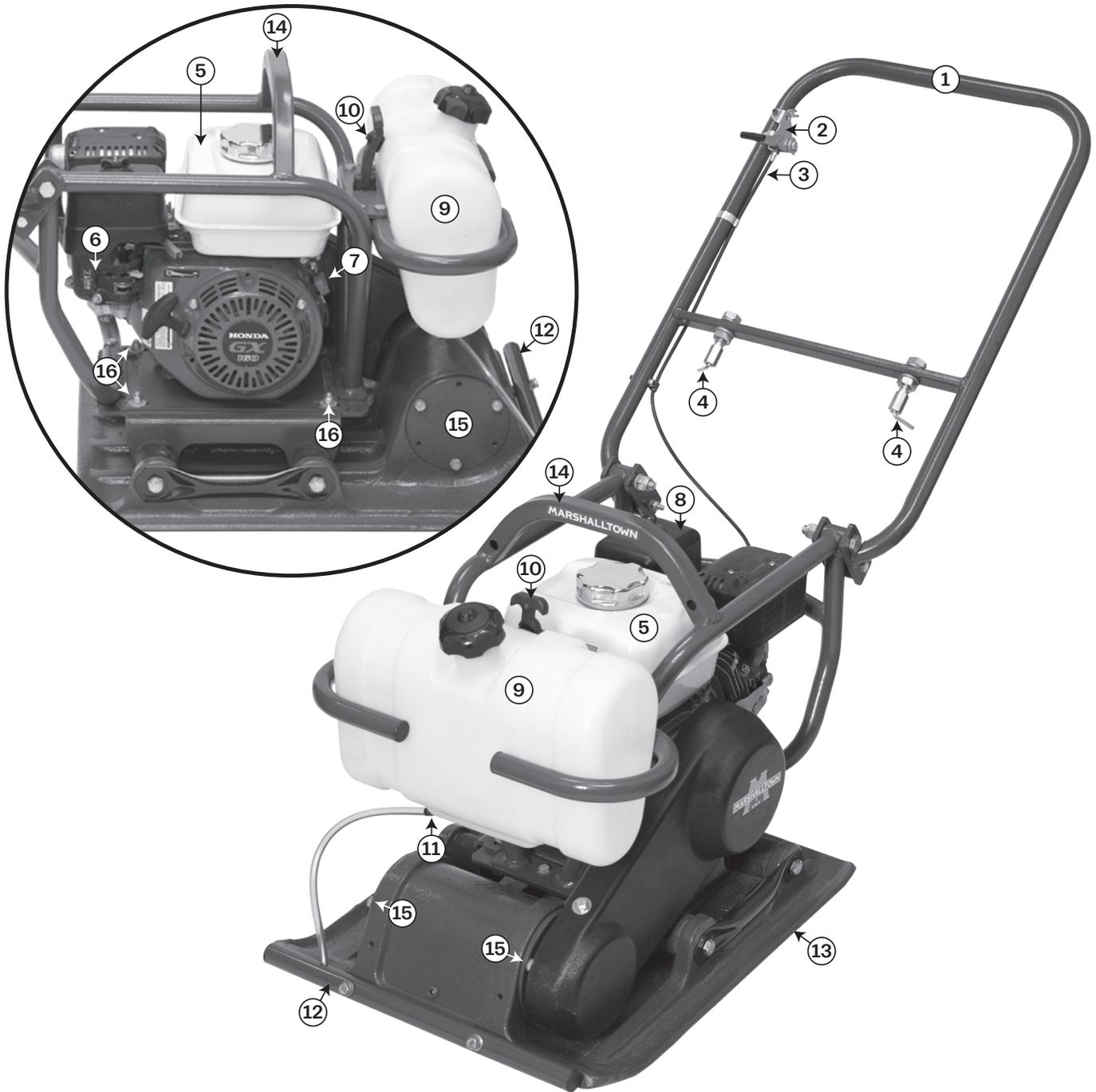
TECHNICAL DATA - ENGINE

HONDA	GX160
WEIGHT (LBS)	33
DISPLACEMENT CM^3	163
OIL CAPACITY US QT	0.61
FUEL TANK CAPACITY US GAL.	0.82
FUEL	86 OCTANE OR HIGHER
IDLE SPEED RPM	1400
TOP SPEED RPM	3800
SPARK PLUG	BPR6ES (NGK)
SPARK PLUG GAP	.7 to .8 mm
ENGINE OIL	SAE 10W30
EXCITER OIL	14.5 OZ FULL SYNTHETIC 10W-30

SUGGESTED RETAIL PARTS

EDI	NAME
32359	V-BELT, AX31 TRI-POWER
32351	THROTTLE LEVER/CABLE KIT
32353	OPERATING HANDLE KIT
32354	RETRACTABLE HANDLE LOCK KIT
32355	HANDLE BUSHING/CONNECTION KIT
32356	VIBRATION ISOLATOR KIT
32358	LIFT HANDLE KIT (PAIR)
32360	DRIVEN PULLEY KIT
32361	CLUTCH KIT
32357	BELT GUARD KIT
32352	THROTTLE CLIPS
32362	WATER TANK KIT
32363	WATER TANK
32364	WATER LINE
32365	END CAP (CLOSED)
32366	END CAP (OPEN)

COMMON COMPONENTS



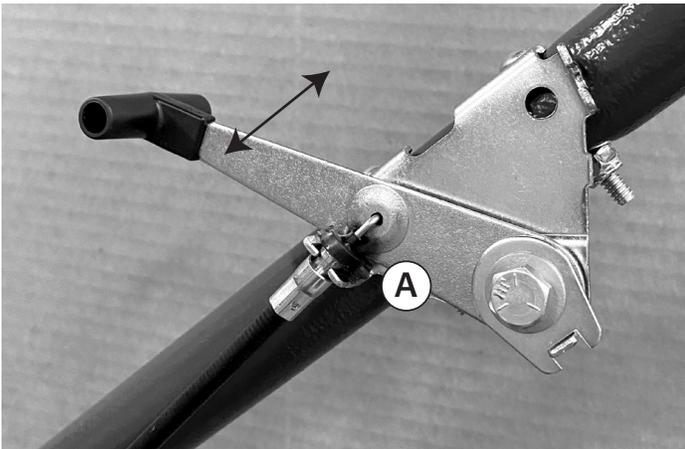
REF #	NAME	REF #	NAME
1	HANDLE	9	WATER TANK (if applicable)
2	THROTTLE LEVER	10	WATER TANK STRAP (if applicable)
3	THROTTLE CABLE	11	WATER VALVE (if applicable)
4	HANDLE LOCKS	12	DRIP BAR (if applicable)
5	GAS TANK	13	BASE PLATE
6	FUEL VALVE LEVER AND CHOKE	14	LIFTING LOOP
7	ON/OFF SWITCH	15	BEARING HOUSING
8	AIR FILTER	16	ENGINE MOUNTING NUTS

PRE-OPERATION CHECKS

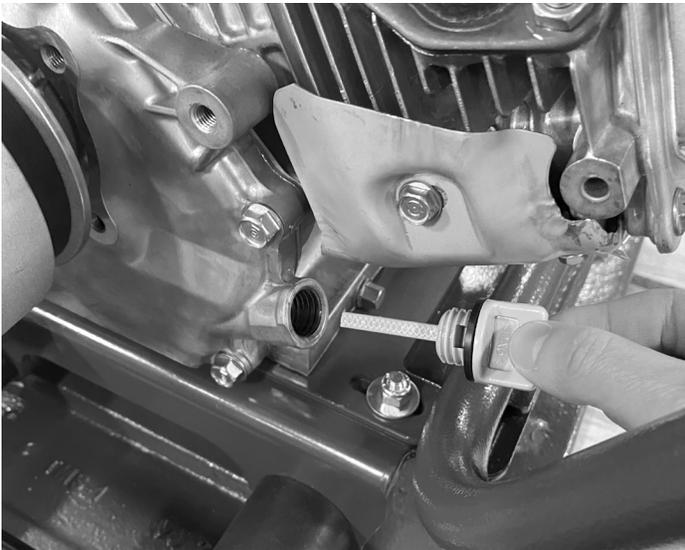
After removing plate compactor from pallet and packaging, there is no assembly.

The operator must be familiar with the location and operation of all controls. In a safe and well-ventilated area preform the following:

1. Check entire machine for loose or missing hardware. Contact MARSHALLTOWN Customer Service at 800-888-0127 if any pieces are missing.
2. Check the fuel filter and inspect air filter.
3. The plate compactor comes filled with exciter oil, so there is no need to check oil level. See Scheduled Maintenance for oil replacement schedule (page 11).



4. The throttle cable/lever comes connected to the handle (A) and carburetor (B). Move throttle lever and watch movement on the carburetor to insure correct operation.

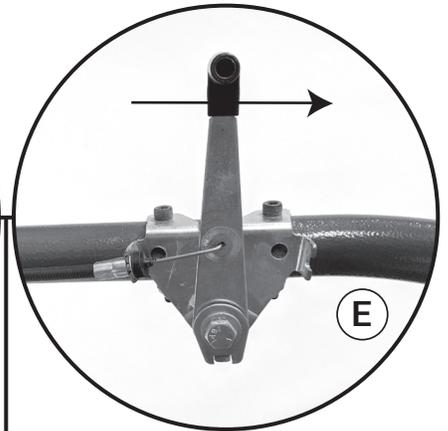
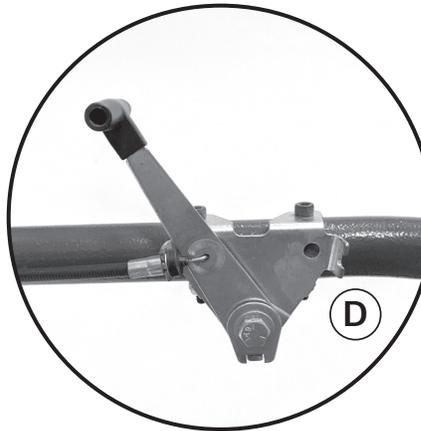
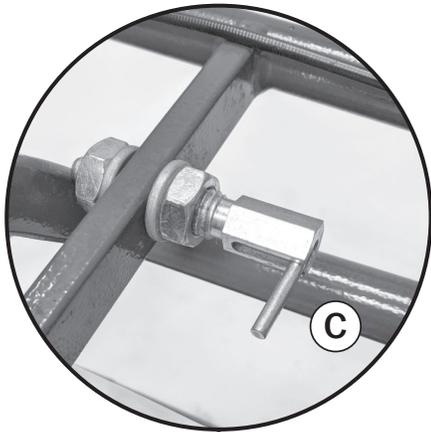


5. The plate compactor ships with engine oil, but check prior to starting.



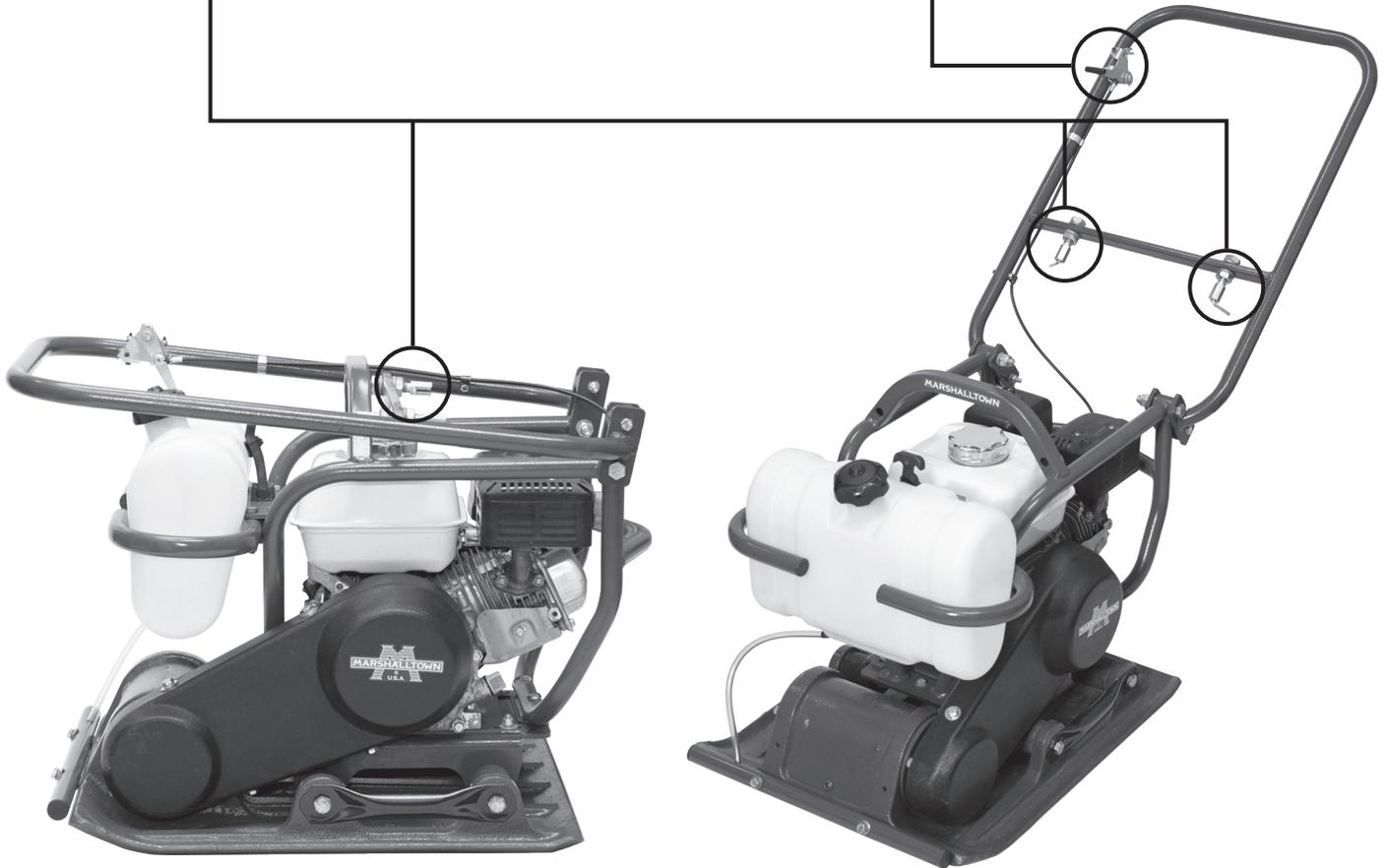
6. Correct belt tension can be checked by using moderate pressure to squeeze both sides of belt. Approximately 1" of movement is correct tension. Loosen engine mounting plate and adjust to correct belt tension. Retighten.

CONTROLS AND ACCESSORIES



Throttle in idle position during warm-up

Pull back to increase throttle during use



Handle lock (C) – The handle can lock into place during storage and transport. Always unlock handle into operating position when in use.

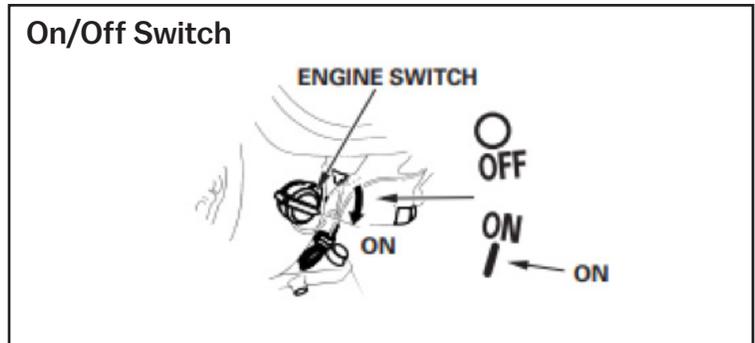
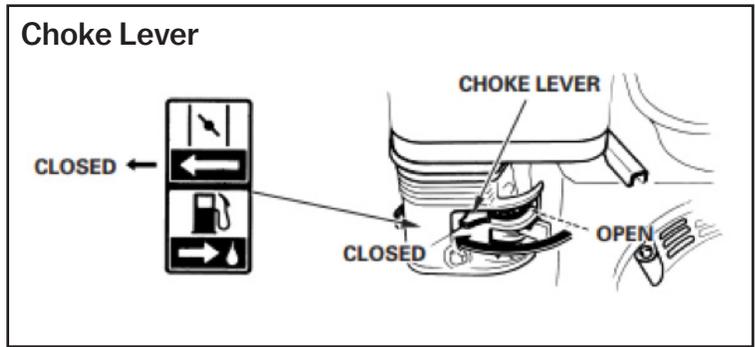
Throttle lever – When starting compactor, position the throttle lever towards front of unit (D). Idle in this position during warm up.

Adjust throttle lever away from front (E) of unit to engage clutch and operate plate compactor.

OPERATION

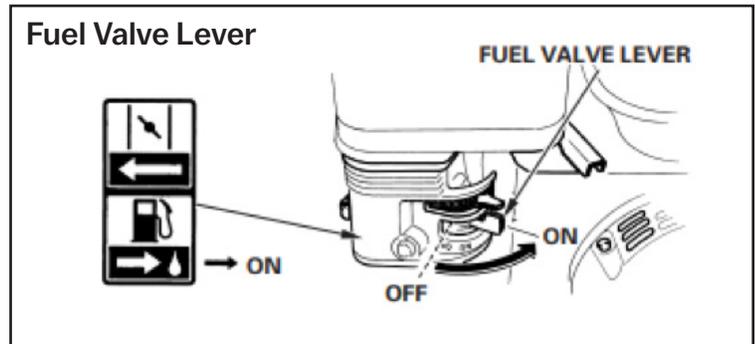
STARTING THE ENGINE

1. On a cold engine, move choke lever to CLOSED position. To restart a warm engine leave choke in OPEN .
2. Switch the On/Off Switch to the On position.
3. Switch the fuel valve lever on.
4. Pull the starter grip lightly until you feel resistance, then pull briskly. Repeat until engine starts.
5. If the choke lever was moved to the CLOSED position to start the engine, gradually move it to the OPEN position as the engine warms up.



RESTARTING THE ENGINE

1. Leave the choke lever in the OPEN position.
2. Switch the On/Off Switch to the On position.
3. Switch the fuel valve lever on.
4. Pull the starter grip lightly until you feel resistance, then pull briskly. Repeat until engine starts.



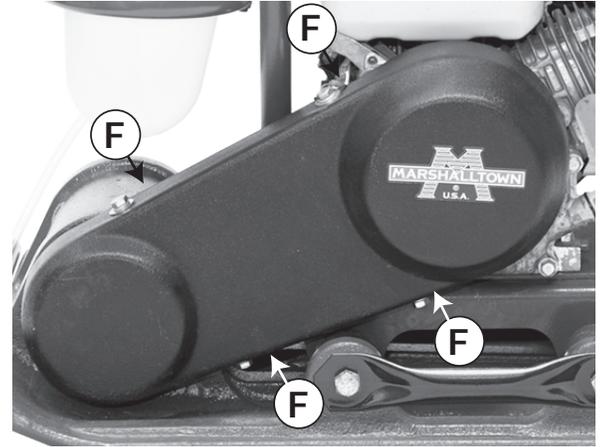
MAINTENANCE

CHECK OIL LEVEL	BEFORE EACH USE
CHANGE ENGINE OIL	FIRST MONTH OR 10 HRS. - 6 MO. OR 50 HRS AFTER
CHANGE EXCITER OIL	EVERY 200 HOURS OR EVERY 3 YEARS
CHECK FUEL LEVEL	BEFORE EACH USE
CHECK AIR FILTER	BEFORE EACH USE
CHECK BELT	EVERY 25 HOURS OR EVERY 3 MONTHS
CHANGE BELT	AS NEEDED
CHECK THROTTLE	BEFORE EACH USE
REPLACE AIR FILTER	EVERY 25 HOURS OR EVERY 3 MONTHS
SPARK PLUG - CHECK AND ADJUST	EVERY 100 HOURS OR 1 YEAR
SPARK PLUG - REPLACE	EVERY 300 HOURS OR 2 YEARS
CHECK NUTS AND BOLTS	BEFORE EACH USE

MAINTENANCE

CHANGING THE BELT

1. Remove 4 hex head screws (F) holding blade guard in place.
2. Loosen 4 engine mounting plate nuts (G).
3. Slide engine and mounting plate forward so belt can be removed.
4. Install new belt.
5. EVENLY pull mounting plate back to tighten belt on pulleys. Approximately 1" amount of slack in the belt is acceptable.
6. Tighten mounting plate nuts.
7. Replace belt guard.



CHANGING EXCITER OIL

1. When changing the exciter oil, remove the drain plug located at the bottom-right of the exciter housing (H), and simply tip the compactor to drain the oil. Note that the oil will drain more easily while it is hot. Remember to use only 10W30 motor oil when replacing exciter oil.

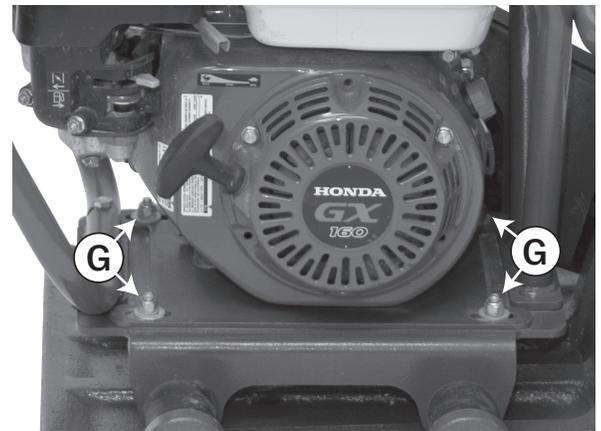


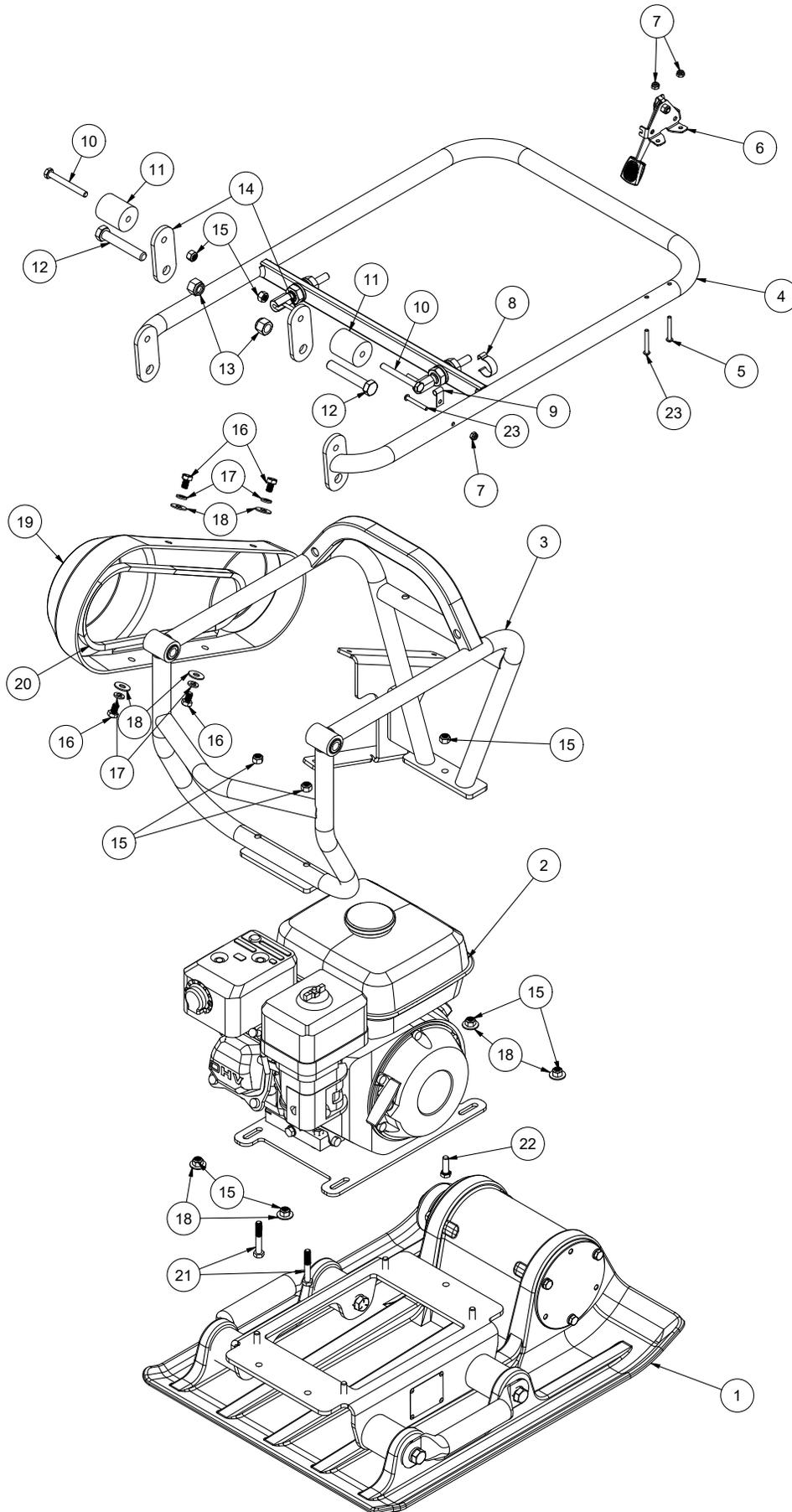
PLATE COMPACTOR STORAGE

For storage of the plate compactor for over 30 days, the following is required:

1. Drain the fuel tank completely or add STA-BIL to the fuel.
2. Run the engine until the fuel is completely consumed.
3. Completely drain the oil from the engine crankcase and follow procedures described in the HONDA engine Owner's Manual for engine storage.
4. Completely drain the compactor's hydraulic oil from the vibrating case.
5. Clean entire plate compactor, especially the bottom plate, removing all dirt and foreign matter.
6. Cover plate compactor and engine with plastic covering or equivalent and store in a clean, dry place.



PARTS BREAKDOWN - VP3800



PARTS BREAKDOWN - VP3800

REF #	NAME	PART #	QTY
1	BASE PLATE ASSEMBLY	R3929	1
2	MOTOR ADJUSTMENT ASSEMBLY	R3932	1
3	FRAME ASSEMBLY	R3933	1
4	HANDLE ASSEMBLY	R3934	1
5	PH SCREW 10-24 X 1.5" LONG	WR1470	1
6	THROTTLE LEVER-FRICTION STYLE WITH CABLE	WX2623	1
7	NYLOK LOCKNUT, 10-24	WR370	3
8	SINGLE CONDUIT SNAP CLIP	WR1468	1
9	LOOSE STRING-ON CLIP	WR1469	1
10	HHCS, 5/16-18 UNC, 2.75 in. LONG	WR1502	2
11	HANDLE BUMPER	WL711	2
12	HHCS, 1/2-13 UNC, 3 in. LONG	WR1459	2
13	NYLOK LOCKNUT, 1/2-13	WR1078	2
14	HANDLE, MOUNT PLATE	WX2443	2
15	NYLOK LOCKNUT, 5/16-18	WR118	9
16	HHCS 5/16"-18 X 1/2" LONG	WR1458	4
17	LOCKWASHER, 5/16 INCH, REGULAR	WR364	4
18	WASHER FLAT, 5/16	WR236	8
19	BELT GUARD	WL712	1
20	A-SECTION, V-BELT, AX-31 TRI-POWER	WK227	1
21	HHCS 5/16" - 18 UNC, 2 in. LONG	WR1396	2
22	HHCS, 5/16-18 UNC, 1 in. LONG	WR1007	1
23	PH SCREW 10-24 X 1.25" LONG	N/A	2

THROTTLE LEVER/CABLE KIT EDI# 32351 INCLUDES:

REF #	NAME	PART #	QTY
5	PH SCREW - 10-24 X 1.5" LONG	WR1470	1
6	THROTTLE LEVER-FRICTION STYLE WITH CABLE VP3800	WX2623	1
7	#10-24 NYLOK NUT, TOP LOCK STYLE	WR370	2
23	PH SCREW - 10-24 X 1.25" LONG	N/A	1
NOT SHOWN	NYLON WASHER	N/A	1

THROTTLE CLIPS KIT EDI# 32352 INCLUDES:

REF #	NAME	PART #	QTY
7	#10-24 NYLOK NUT, TOP TOCK STYLE	WR370	1
8	SINGLE CONDUIT SNAP CLIP - WESCON 22-0203-00	WR1468	1
9	LOOSE STRING-ON CLIP - WECON 22-2152-03	WR1469	1
23	PH SCREW - 10-24 X 1.25" LONG	N/A	1

OPERATING HANDLE KIT EDI# 32353 INCLUDES:

REF #	NAME	PART #	QTY
4	HANDLE-VP3800-PC-BLUE	R4522	1
10	5/16IN-18 X 2-3/4IN GRADE 5 ZINC HEX CAP SCREW	WR1502	2
11	HANDLE BUMPER	WL711	3
12	HHCS 1/2"-13 UNC X 3", ZINC PLATED	WR1459	2
13	LOCKNUT 1/2-13 PLATED	WR1078	2
14	HANDLE, MOUNT PLATE-VP3800-PC-BLUE	R4523	2
15	00517 NYLON LOCKNUT, 5/16-18	WR118	2

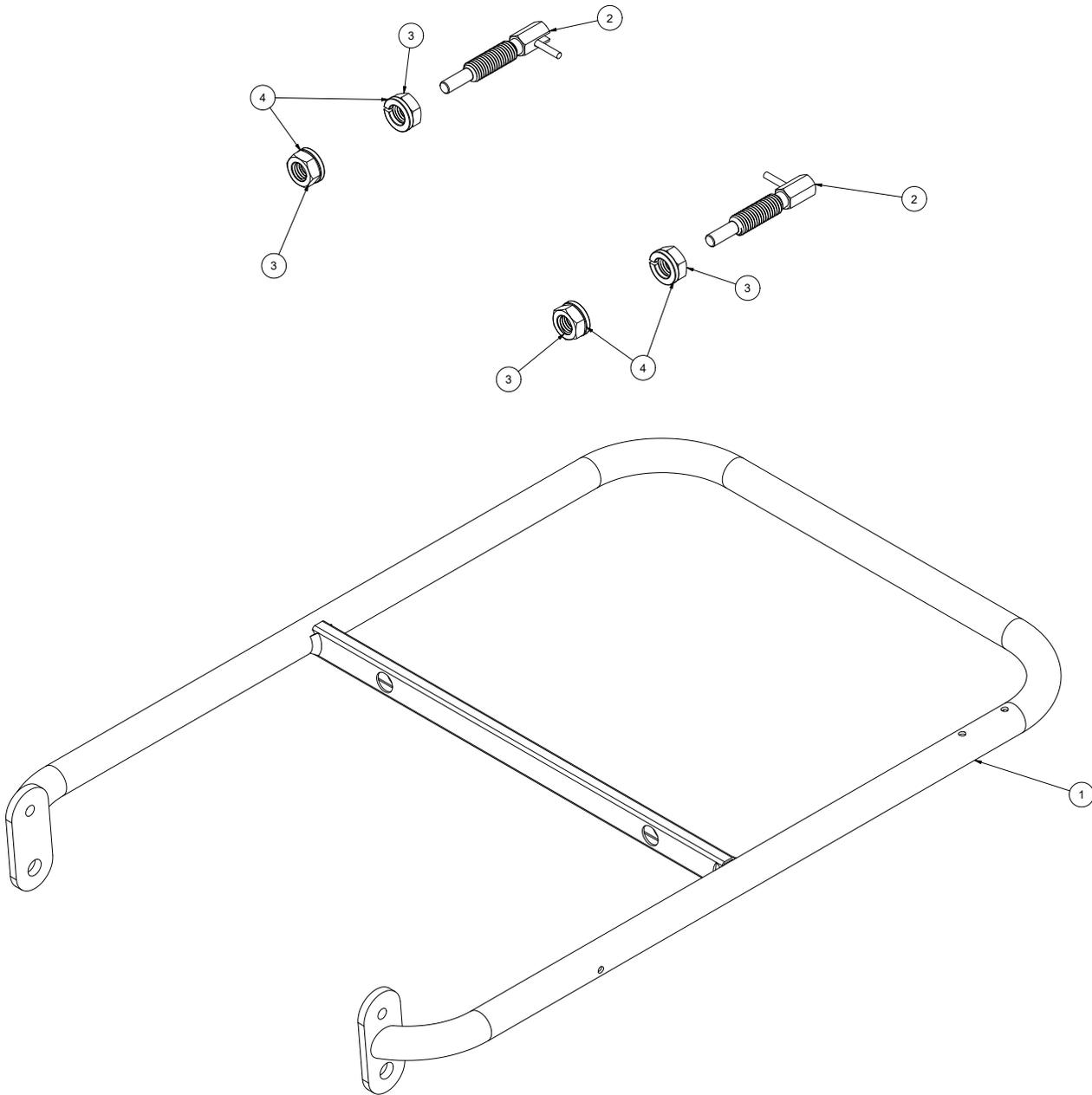
BELT GUARD KIT EDI# 32357 INCLUDES:

REF #	NAME	PART #	QTY
16	HHCS 5/16"-18 X 1/2" LONG, ZINC PLATED	WR1458	4
17	LOCKWASHER 5/16 SPLIT, ZINC PLATED	WR364	4
18	FLAT WASHER, 5/16" ZINC PLATED USS	WR236	4
19	BELT GUARD	WL712	1

V-BELT, AX31 TRI-POWER KIT EDI# 32359 INCLUDES:

REF #	NAME	PART #	QTY
20	A-SECTION, V-BELT, AX31 TRI-POWER	WK227	1

PARTS BREAKDOWN - HANDLE

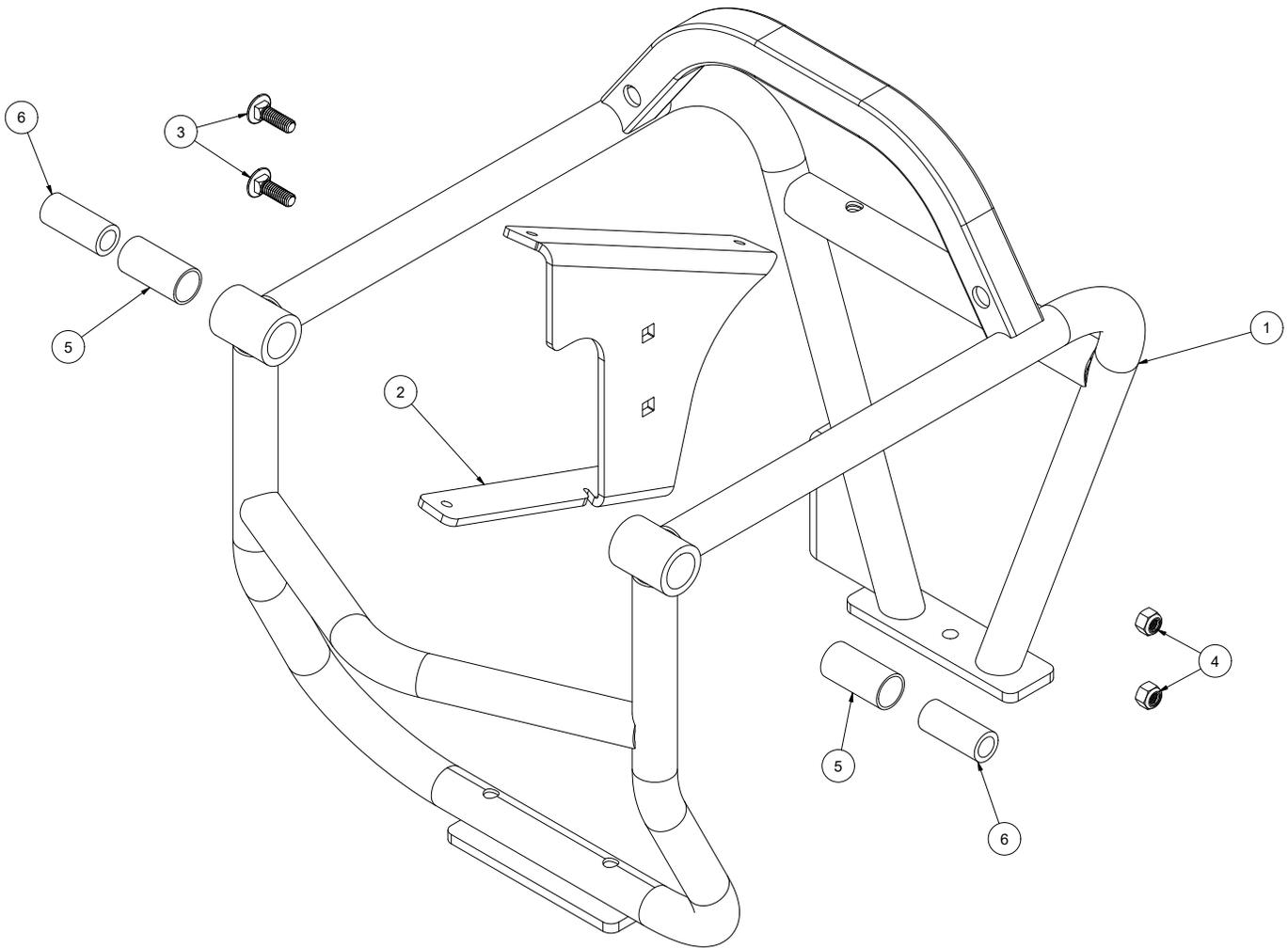


REF #	NAME	PART #	QTY
1	HANDLE	R4522	1
2	RETRACTABLE SPRING PLUNGER WITH L-HANDLE	WX2423	2
3	HEX NUT, JAM, 5/8" - 11 UNC	WR1402	4
4	LOCKWASHER, INCH, REGULAR 5/8"	WR1420	4

RETRACTABLE HANDLE LOCK KIT EDI# 32354 INCLUDES:

REF #	NAME	PART #	QTY
2	RETRACTABLE SPRING PLUNGER WITH L-HANDLE 20" ZINC PLATED	WX2423	1
3	HEX NUT, JAM, 5/8"-11 UNC	WR1402	2
4	LOCKWASHER, INCH, REGULAR 5/8"	WR1420	2

PARTS BREAKDOWN - FRAME

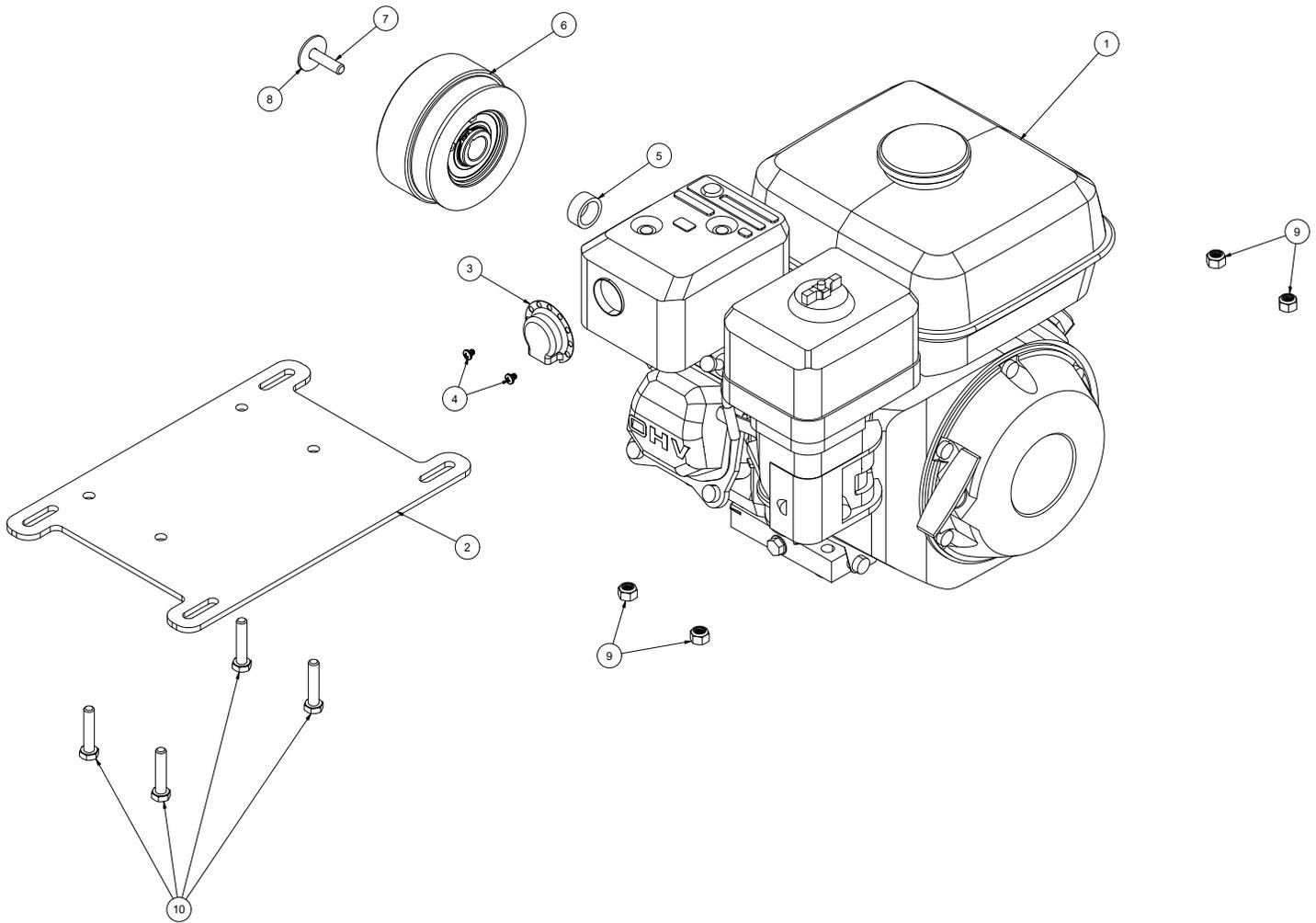


REF #	NAME	PART #	QTY
1	FRAME	R4519	1
2	BELT GUARD MOUNT PLATE	R4520	1
3	ZINC-PLATED STEEL SQUARE NECK CARRIAGE BOLT	WR1404	2
4	NYLOK LOCKNUT, 5/16-18	WR118	2
5	LIGHT DUTY DRY-RUNNING SLEEVE BEARING	R4521	2
6	OIL-EMBEDDED SLEEVE BEARING	WX2563	2

HANDLE BUSHING/CONNECTION KIT EDI# 32355 INCLUDES:

REF #	NAME	PART #	QTY
3	LIGHT DUTY DRY-RUNNING SLEEVE BEARING WP-3800	R4521	2
6	OIL-EMBEDDED SLEEVE BEARING, 1.75" LONG	WX2563	2
NOT SHOWN	HHCS 1/2"-13 UNC X 3", ZINC PLATED	WR1459	2
NOT SHOWN	LOCKNUT 1/2-13 PLATED	WR1078	2
NOT SHOWN	5/16IN-18 X 2-3/4IN GRADE 5 ZINC HEX CAP SCREW	WR1502	2
NOT SHOWN	00517 NYLON LOCKNUT, 5/16-18	WR118	2

PARTS BREAKDOWN - MOTOR ADJUSTMENT

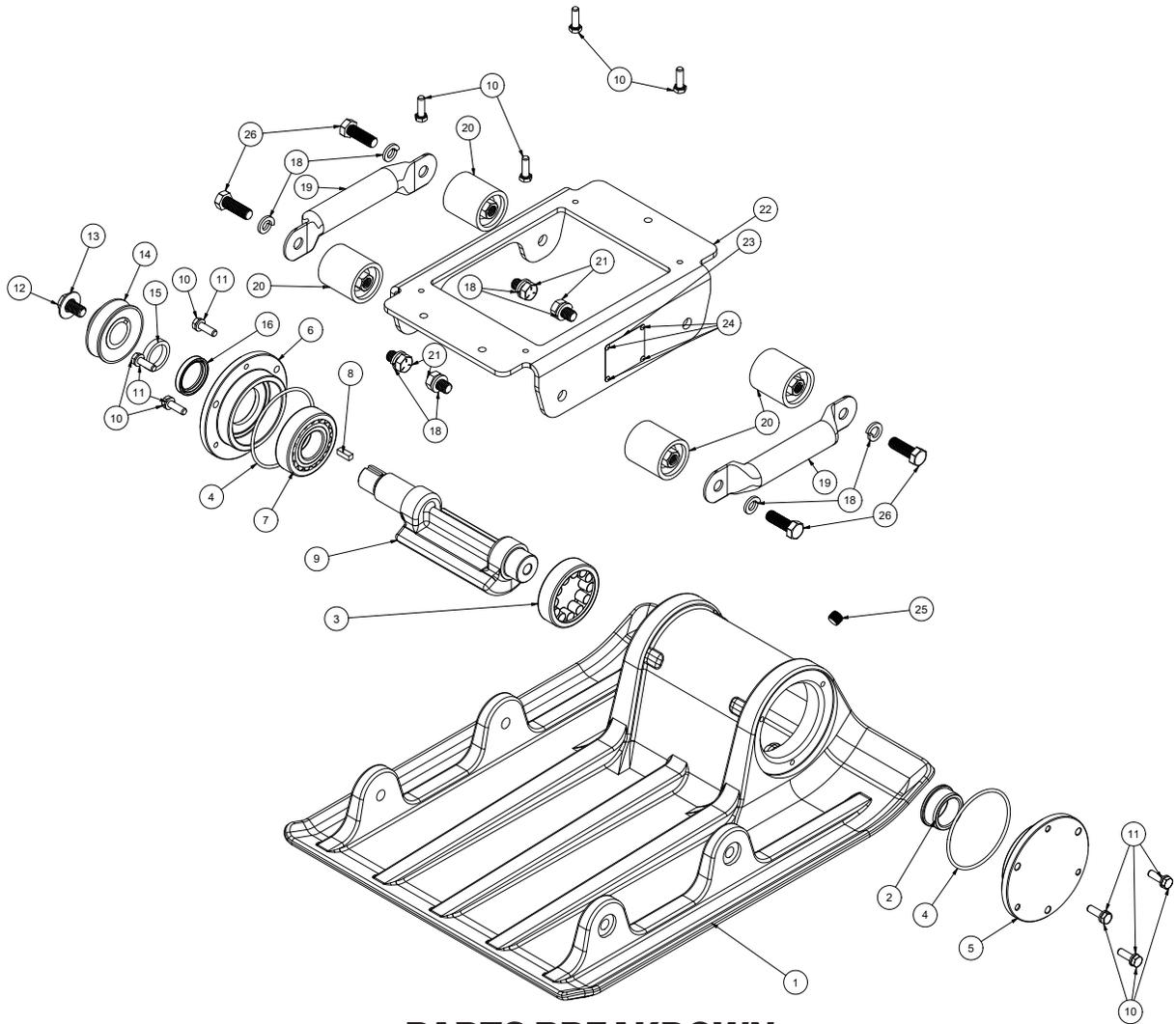


REF #	NAME	PART #	QTY
1	ENGINE, HONDA GX160	WX2301	1
2	MOTOR MOUNT ADJUSTMENT PLATE	R4518	1
3	HONDA GX160 EXHAUST DEFLECTOR	WR1457	1
4	PAN HEAD SCREW M4 X 5MM	WR1457	2
5	STEEL SPACER 0.425" LONG-CP3800	R4535	1
6	CLUTCH ASSEMBLY	WX2528	1
7	HHCS, 5/16-24 UNF, 1.25" LONG	WR1419	1
8	WASHER, ANSI B WIDE 5/16"	WR1418	1
9	NYLOK LOCKNUT, 5/16-18	WR118	4
10	HHCS, 5/16-18 UNC, 1.5" LONG	WR1008	4

CLUTCH KIT EDI# 32361 INCLUDES:

REF #	NAME	PART #	QTY
5	STEEL SPACER 0.425" LONG-VP3800	R4535	1
6	CLUTCH ASSEMBLY, 4.0" OD	WX2528	1
7	HHCS 5/16"-24, UNF X 1.25"	WR1419	1
8	WASHER, FENDER, EXTRA HEAVY, 5/16 X 1 X 1/8	WR1418	1

PARTS BREAKDOWN - BASE PLATE



PARTS BREAKDOWN

REF #	NAME	PART #	QTY
1	BASE PLATE, MACHINED	PD6225	1
2	CYLINDRICAL ROLLER BEARING (INNER RACE)	WX2461-IR	1
3	CYLINDRICAL ROLLER BEARING (OUTER RACE)	WX2461	1
4	BUNA N O-RING, DASH 240	WK224	2
5	END CAP, MACHINED (CLOSED)	R4424-010	1
6	END CAP, MACHINED (OPEN)	R4423-010	1
7	SPHERICAL ROLLER BEARING	WX2460	1
8	STEEL MACHINE KEY 0.25 X 0.25 X 0.75	WR1417	1
9	EXCITER SHAFT, MACHINED	PB6232	1
10	SCREW HEX HD 5_16-18 X 1	WR1007	10
11	REGULAR HELICAL SPRING LOCK WASHERS (INCH SERIES)	WR364	6
12	HHCS 1/2"-13 UNC X 0.875"	WR1398	1
13	WASHER - 1/2" ZINC PLATED	WR411	1
14	CAST IRON PULLEY	WB125	1
15	STEEL SPACER 0.280" LONG-VP3800	R4524	1
16	RADIAL SHAFT SEAL	WX2463	1

PARTS BREAKDOWN CONT.

REF #	NAME	PART #	QTY
18	LOCKWASHER, 1/2" ZINC PLATED SPLIT	WR256	8
19	HANDLE, LEFT SIDE	R4516	2
20	VIBRATION DAMPING SANDWICH MOUNT	WK222	4
21	HHCS 1/2"-13 UNC X 0.75"	WR1455	4
22	MOTOR ISOLATOR PLATE	R4517	1
23	MODEL/SERIAL PLATE	WS229	1
24	1/8" POP RIVET	WR1462	4
25	NPT PIPE PLUG	WR1405	1
26	HCS 1/2-13 X 1-1/2 Z5	WR1018	4

VIBRATION ISOLATOR KIT EDI# 32356 INCLUDES:

REF #	NAME	PART #	QTY
18	LOCKWASHER, 1/2" ZINC PLATED SPLIT	WK256	8
20	VIBRATION DAMPING SANDWICH MOUNT	WK222	4
21	HHCS 1/2"-13 X 0.75 INCH	WR1456	4
26	HHCS 1/2"-13 X 1.5 INCH	WR1018	4

DRIVEN PULLEY KIT EDI# 32360 INCLUDES:

REF #	NAME	PART #	QTY
12	HHCS 1/2"-13, UNC X 0.875"	WR1398	1
13	WASHER-1/2" ZINC PLATED	WR411	1
14	CAST IRON PULLEY	WB125	1
15	STEEL SPACER 0.280" LONG-VP3800	R4524	1

END CAP (CLOSED) KIT EDI# 32365 INCLUDES:

REF #	NAME	PART #	QTY
4	BUNA N O-RING, DASH 240	WK224	1
5	END CAP ASSEMBLY-CLOSED-VP3800	R4124	1
10	HCS 5/16-18 X 1 Z5	WR1007	3
11	LOCKWASHER 5/16 SPLIT, ZINC PLATED	WR364	3

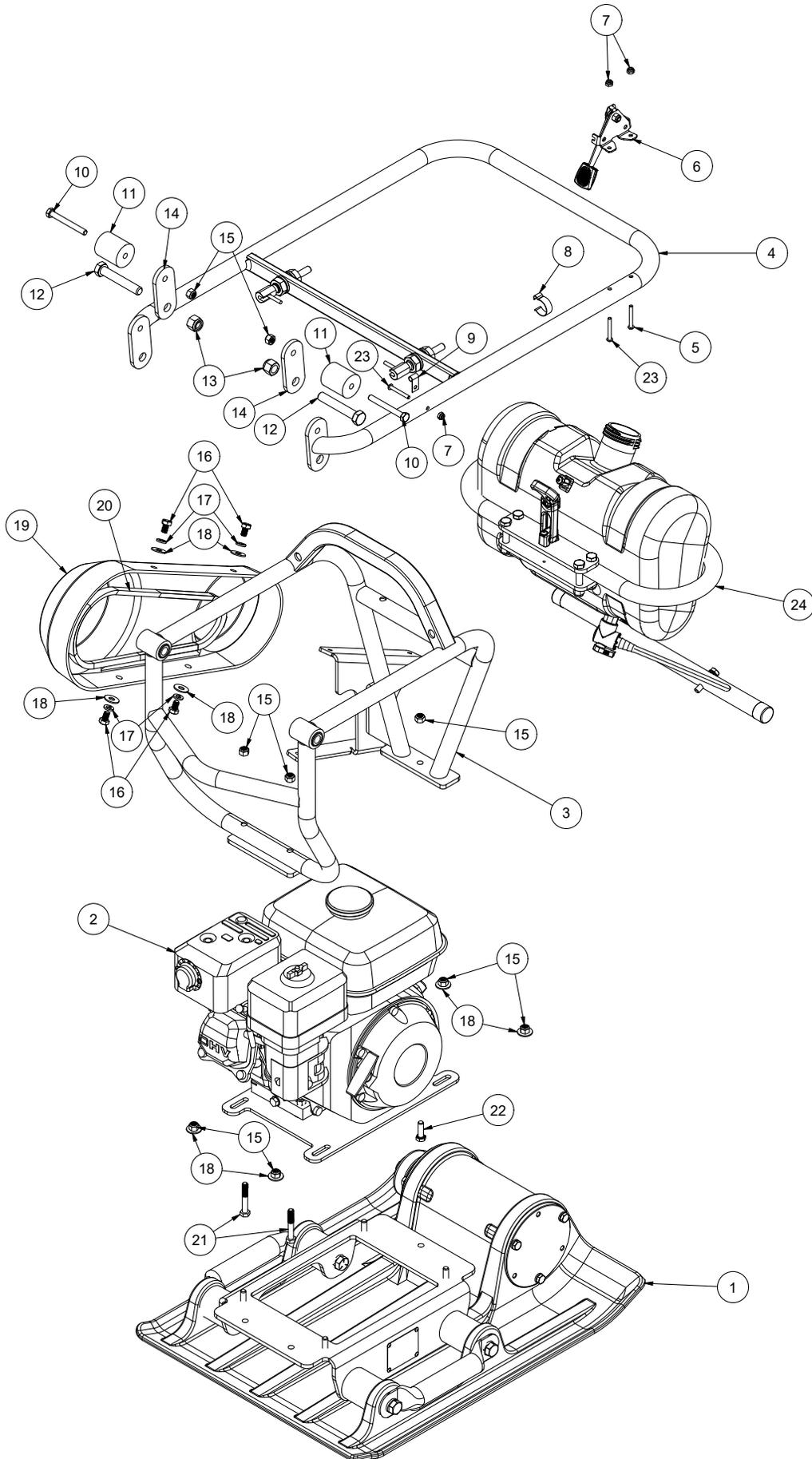
END CAP (OPEN) KIT EDI# 32366 INCLUDES:

REF #	NAME	PART #	QTY
4	BUNA N O-RING, DASH 240	WK224	1
6	END CAP ASSEMBLY-OPEN-VP3800	R4123	1
10	HCS 5/16-18 X 1 Z5	WR1007	3
11	LOCKWASHER 5/16 SPLIT, ZINC PLATED	WR364	3

LIFT HANDLE KIT (PAIR) EDI# 32358 INCLUDES:

REF #	NAME	PART #	QTY
18	LOCKWASHER, 1/2" ZINC PLATED SPLIT	WR256	4
19	LOWER GRAB HANDLE-WP3800-PC-BLUE	R4516	2
26	HCS 1/2-13 X 1-1/2 Z5	WR1018	4

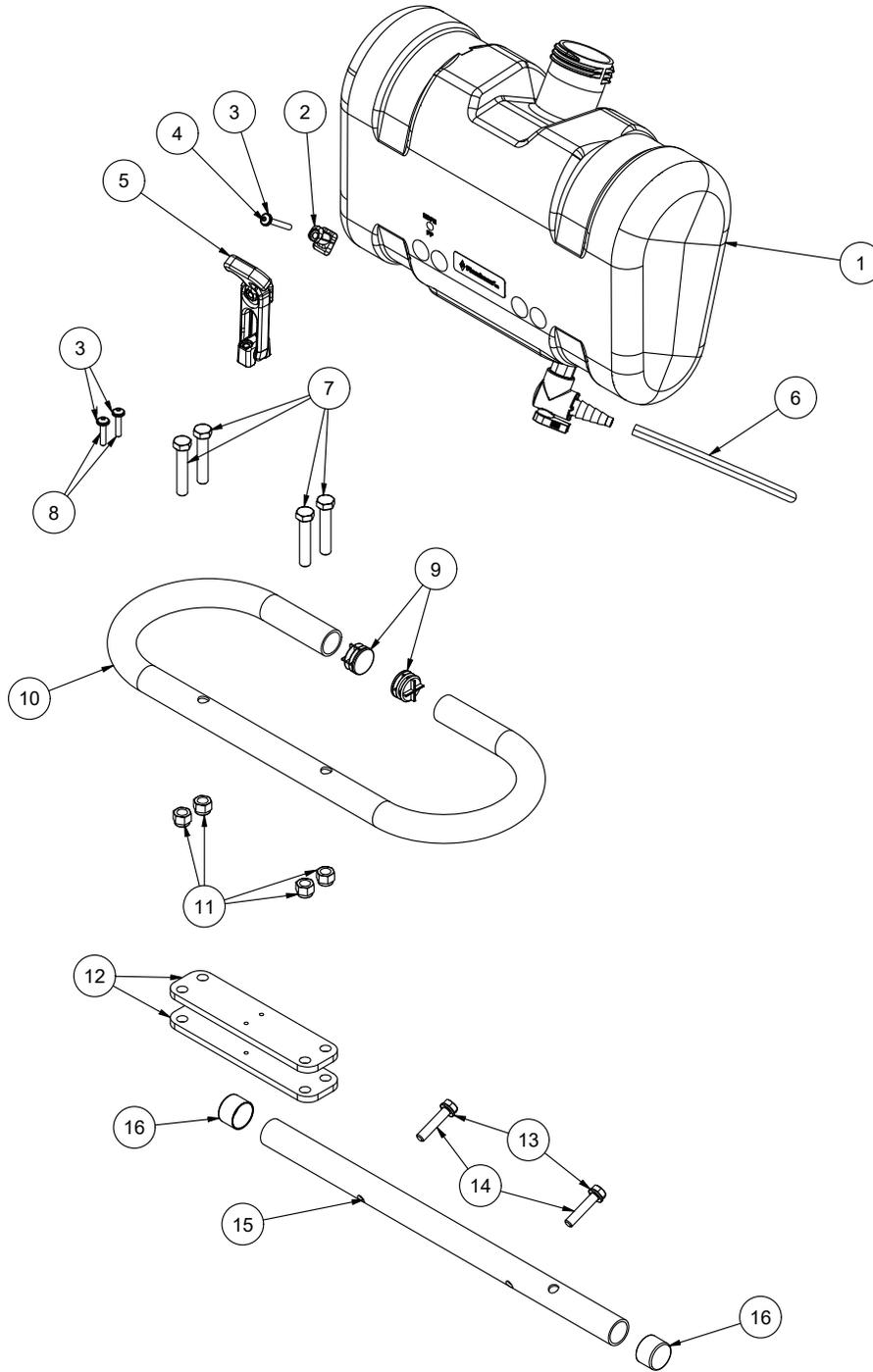
PARTS BREAKDOWN - VP3800W



PARTS BREAKDOWN - VP3800W

REF #	NAME	PART #	QTY
1	BASE PLATE ASSEMBLY	R3929	1
2	MOTOR ADJUSTMENT ASSEMBLY	R3932	1
3	FRAME ASSEMBLY	R3933	1
4	HANDLE ASSEMBLY	R3934	1
5	PH SCREW 10-24 X 1.5" LONG	WR1470	1
6	THROTTLE LEVER-FRICTION STYLE WITH CABLE	32351	1
7	NYLOK LOCKNUT, 10-24	WR370	3
8	SINGLE CONDUIT SNAP CLIP	WR1468	1
9	LOOSE STRING-ON CLIP	WR1469	1
10	HHCS, 5/16-18 UNC, 2.75 in. LONG	WR1502	2
11	HANDLE BUMPER	WL711	2
12	HHCS, 1/2-13 UNC, 3 in. LONG	WR1459	2
13	NYLOK LOCKNUT, 1/2-13	WR1078	2
14	HANDLE, MOUNT PLATE	WX2443	2
15	NYLOK LOCKNUT, 5/16-18	WR118	9
16	HHCS 5/16"-18 X 1/2" LONG	WR1458	4
17	LOCKWASHER, 5/16 INCH, REGULAR	WR364	4
18	WASHER FLAT, 5/16	WR236	8
19	BELT GUARD	WL712	1
20	A-SECTION, V-BELT, AX-31 TRI-POWER	32359	1
21	HHCS 5/16" - 18 UNC, 2 in. LONG	WR1396	2
22	HHCS, 5/16-18 UNC, 1 in. LONG	WR1007	1
23	PH SCREW 10-24 X 1.25" LONG	N/A	2
24	WATER TANK OPTION	29543	1

PARTS BREAKDOWN - WATER OPTION



PARTS BREAKDOWN - VP3800W

REF #	NAME	PART #	QTY
1	WATER TANK W/ VALVE	32363	1
2	BLIND INSERT 10-24 THREAD	WR1473	1
3	WASHER, LOCK, INCH, EXTRA DUTY #10	WR1165	3
4	BHCS, 10-24 UNC, 1.5" LONG	WR1495	1
5	LATCHES, MUD HOPPER	WR1150	1
6	WATER LINE	32364	1

PARTS BREAKDOWN CONT.- VP3800W

REF #	NAME	PART #	QTY
7	HHCS, 3/8-16 UNC, 2" LONG	WR1474	4
8	BHCS, 10-24 UNC, 1" LONG	WR1494	2
9	1" TUBING END CAP	WL886	2
10	WATER TANK BRACKET	R4435-101	1
11	HEX NUT, NYLOCK, 3/8-16 UNC	WR263	4
12	WATER TANK MOUNTING PLATE	R4364	2
13	WASHER, LOCK, INCH, REGULAR 5/16"	WR364	2
14	HHCS, 5/16-18 UNC, 1.5" LONG	WR1008	2
15	WATER BAR	R4434	1
16	WATER BAR END CAP	WX2813	2

WATER TANK KIT EDI# 33262 INCLUDES:

REF #	NAME	PART #	QTY
1	WATER TANK W/STRAP STUD-WP3800W	R4436	1
2	BLIND INSERT 10-24 THREAD	WR1473	1
3	WASHER, LOCK, INCH, EXTRA DUTY #10	WR1165	3
4	BHCS, 10-24 UNC, 1.5" LONG	WR1495	1
5	LATCH, MUD HOPPER	WR1150	1
6	WATER LINE-WP3800W-CTL	R4437	1
7	SCREW - HHCS ZINC PLATED 3/8-16 X 2"	WR1474	4
8	BHCS, 10-24 UNC, 1" LONG	WR1494	2
9	1" TUBING END CAP	WL886	2
10	WATER TANK BRACKET-WP3800W-PC-BLUE	R4435	1
11	HEX NUT, NYLON INSERT, 3/8-16 UNC, ZINC PLATED	WR263	4
12	WATER TANK MOUNTING PLATE-WP3800W-PC-BLUE	R4364	2
13	LOCKWASHER 5/16 SPIT, ZINC PLATED	WR364	2
14	HCS 5/16-18 X 1-1/2 Z5	WR1008	2
15	WATER BAR-WP3800W-PC-BLUE	R4434	1
16	WATER BAR END CAP	WX2813	2
not shown	5/16" O-RING - BUNA-N	WK249	4

WATER TANK KIT EDI# 32363 INCLUDES:

REF #	NAME	PART #	QTY
1	WATER TANK W/STRAP STUD-WP3800W	R4436	1

WATER LINE KIT EDI# 32364 INCLUDES:

REF #	NAME	PART #	QTY
6	WATER LINE-WP3800W-CTL	R4437	6

WATER TANK OPTION - INSTRUCTIONS



Water tank valve open

1. Fill water tank with clean water
2. Open water tank valve when ready to drip water down baseplate
3. Close water valve when plate compactor is stopped or not in use
4. Vibration of plate compactor will help water drip and disperse across base plate
5. Do not use water in freezing conditions and always empty tank after every use

The water tank can be removed to fill at water source. Simply remove the tank latch and pull the water line from the tank valve. Replace when tank is put back into the water tank bracket

TROUBLESHOOTING

ENGINE WON'T START:

1. Check safety switches. Tether should be attached and weight pushed away from operator. Check for loose connections.
2. Check for sufficient fuel.
3. Check oil level. Engines have an "Oil Alert" feature, which prevents them from starting when the oil level is low.
4. Was engine choked when starting?
5. Is engine flooded?
6. Check spark plug. (Clean and check gap)
7. If engine still will not start, consult the engine owner's manual or take it to an authorized service center

MACHINE WON'T VIBRATE

1. Check for correct belt tension (make sure belt is not too loose)
2. Check for correct throttle movement

ENGINE KEEPS DYING

1. Check for correct belt tension (make sure belt is not too tight)
2. Check throttle cable, making sure it's correctly connected to carburetor



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