

# **Z-FORCE L and LZ SPECIFICATION SHEETS 2014**

**2014**

**Specification Sheets**

**CC**

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<b>Z-Force L48</b>	<b>24 H.P. 7000 Series</b>	<b>Twin</b>	<b>Dual Hydro</b>	<b>2014</b>
<b>Z-Force L54</b>	<b>25 H.P. 7000 Series</b>	<b>Twin</b>	<b>Dual Hydro</b>	<b>2014</b>
<b>Z-Force L60</b>	<b>25 H.P. 7000 Series</b>	<b>Twin</b>	<b>Dual Hydro</b>	<b>2014</b>
<b>Z-Force LZ48</b>	<b>24 H.P. Kawasaki</b>	<b>Twin</b>	<b>Dual Hydro</b>	<b>2014</b>
<b>Z-Force LZ54</b>	<b>24 H.P. Kawasaki</b>	<b>Twin</b>	<b>Dual Hydro</b>	<b>2014</b>
<b>Z-Force LZ60</b>	<b>24 H.P. Kawasaki</b>	<b>Twin</b>	<b>Dual Hydro</b>	<b>2014</b>

# MODEL: Z-Force L48

# YEAR: 2014

Factory Model Number: 17ASDALB010

24 H.P. Hydro Drive  
Electric P.T.O. / 48" Fabricated Deck

### GENERAL INFO:

Length (Over-All)	70.0"
Width (Over-All)	Not Available
Height (Over-All)	Not Available
Ground Clearance	Not Available
Weight (Approximate)	722 lbs.
Engine Type	Gas (Air Cooled)
Electrical System	12v Negative Ground

### GENERAL INFO:

Wheelbase	43.0"
Tread Front/Rear	Rib/Turf
Turning Radius	0"
Front Wheel Tire Size	13" x 5"-6"
Rear Wheel Tire Size	20" x 10.0"-8.0"
Trans/Differential Type	Aluminum, Intergrated
Forward Speed	0-8.0 mph
Reverse Speed	0-3.0 mph

### ENGINE SPECS:

Make	Kohler
Model Series	7000 Series Pro (Vertical)
Model/Type/Spec	KT735-3017
No. Of Cylinders	2
Horse Power <small>Rated By Manufacturer</small>	24 HP (17.9 kW)
Peak Torque	Not Available
Displacement	44.2 cu in. (725cc)
Bore	3.27"
Stroke	2.62"

### ENGINE SPECS:

Idle Speed	1600 R.P.M.
Max. Speed (No Load)	3350 R.P.M.
Max. Speed (Full Load)	3300 R.P.M.
Valve Lash (Intake)	0.006" (0.152 mm)
Valve Lash (Exhaust)	0.006" (0.152 mm)
Ignition Type	Electronic
Spark Plug Gap	0.030"
Mag Air Gap	0.008"-0.012"

### CAPACITIES:

Engine Crankcase	2.0 qts. (A)
Coolant	Not Applicable
Transmission	70.3 oz. Both Transaxles (B)
Transaxle	Not Applicable
Creeper Drive Housing	Not Applicable
Front Axle	Not Applicable
Fuel Tank	2.8 gal.

### FLUIDS:

(A) SAE 10W30	737-3030A
(B) Drive System + Fluid	737-3120
(C) 135H EP Gear Lube 85W-140	737-3065
(D) 251 EP Chassis Lubricant	737-3034

### ENGINE MAINTENANCE PARTS:

Air Filter	KH-16-883-04-S1
Pre Filter	See Air Filter
Oil Filter	KH-52-050-02-S
Fuel Filter	KH-25-050-22-S1
Spark Plug	KH-25-132-12-S
Armature	KH-32-584-06-S
Points	Not Applicable
Carb Kit	Not Available

### TRACTOR MAINTENANCE PARTS:

Transmission Filter	HG-52114P
Voltage Regulator	KH-41-403-10-S
Solenoid	925-06153
Muffler	751-10528A
Battery	925-1707D
P.T.O. Clutch	917-05188

### ENGINE:

Complete Engine	KH-KT735-3017
Short Block	Not Available
Mini Block	Not Available

### WARRANTY:

Limited Residential	3 Year / 180 Hrs.
Engine	3 Year
P.T.O. Clutch	3 Year / 180 Hrs.

### BEIGE POWDERED PAINT CODE -0499

Beige Paint (11.5 oz. Aerosol)	759-3735
Beige Paint (Quart)	759-3736
Beige Paint (.6 oz. Bottle)	759-3674

### YELLOW POWDERED PAINT CODE -4021

Yellow Paint (11.5 oz. Aerosol)	788S04021
Yellow Paint (Quart)	788L04021-QT
Yellow Paint (.6 oz. Bottle)	788T04021

Part Numbers and Specifications Subject To Change Without Notice.

# MODEL: Z-Force L54

YEAR: 2014

Factory Model Number: 17ASDALC010

25 H.P. Hydro Drive  
Electric P.T.O. / 54" Fabricated Deck

## GENERAL INFO:

Length (Over-All)	70.0"
Width (Over-All)	Not Available
Height (Over-All)	Not Available
Ground Clearance	Not Available
Weight (Approximate)	740 lbs.
Engine Type	Gas (Air Cooled)
Electrical System	12v Negative Ground

## GENERAL INFO:

Wheelbase	43.0"
Tread Front/Rear	Rib/Turf
Turning Radius	0"
Front Wheel Tire Size	13" x 5"-6"
Rear Wheel Tire Size	20" x 10.0"-8.0"
Trans/Differential Type	Aluminum, Intergrated
Forward Speed	0-8.0 mph
Reverse Speed	0-3.0 mph

## ENGINE SPECS:

Make	Kohler
Model Series	7000 Series Pro (Vertical)
Model/Type/Spec	KT740-3027
No. Of Cylinders	2
Horse Power <small>Rated By Manufacturer</small>	25 HP (18.6 kW)
Peak Torque	Not Available
Displacement	44.2 cu in. (725cc)
Bore	3.27"
Stroke	2.62"

## ENGINE SPECS:

Idle Speed	1600 R.P.M.
Max. Speed (No Load)	3350 R.P.M.
Max. Speed (Full Load)	3300 R.P.M.
Valve Lash (Intake)	0.006" (0.152 mm)
Valve Lash (Exhaust)	0.006" (0.152 mm)
Ignition Type	Electronic
Spark Plug Gap	0.030"
Mag Air Gap	0.008"-0.012"

## CAPACITIES:

Engine Crankcase	2.0 qts. (A)
Coolant	Not Applicable
Transmission	70.3 oz. Both Transaxles (B)
Transaxle	Not Applicable
Creeper Drive Housing	Not Applicable
Front Axle	Not Applicable
Fuel Tank	2.8 gal.

## FLUIDS:

(A) SAE 10W30	737-3030A
(B) Drive System + Fluid	737-3120
(C) 135H EP Gear Lube 85W-140	737-3065
(D) 251 EP Chassis Lubricant	737-3034

## ENGINE MAINTENANCE PARTS:

Air Filter	KH-16-883-04-S1
Pre Filter	See Air Filter
Oil Filter	KH-52-050-02-S
Fuel Filter	KH-25-050-22-S1
Spark Plug	KH-25-132-12-S
Armature	KH-32-584-07-S
Points	Not Applicable
Carb Kit	Not Available

## TRACTOR MAINTENANCE PARTS:

Transmission Filter	HG-52114P
Voltage Regulator	KH-41-403-10-S
Solenoid	925-06153
Muffler	751-10528A
Battery	925-1707D
P.T.O. Clutch	917-05192

## ENGINE:

Complete Engine	KH-KT740-3027
Short Block	Not Available
Mini Block	Not Available

## WARRANTY:

Limited Residential	3 Year / 180 Hrs.
Engine	3 Year
P.T.O. Clutch	3 Year / 180 Hrs.

## BEIGE POWDERED PAINT CODE -0499

Beige Paint (11.5 oz. Aerosol)	759-3735
Beige Paint (Quart)	759-3736
Beige Paint (.6 oz. Bottle)	759-3674

## YELLOW POWDERED PAINT CODE -4021

Yellow Paint (11.5 oz. Aerosol)	788S04021
Yellow Paint (Quart)	788L04021-QT
Yellow Paint (.6 oz. Bottle)	788T04021

Part Numbers and Specifications Subject To Change Without Notice.

# MODEL: Z-Force L60

# YEAR: 2014

Factory Model Number: 17ASDALD010

25 H.P. Hydro Drive  
Electric P.T.O. / 60" Fabricated Deck

### GENERAL INFO:

Length (Over-All)	70.0"
Width (Over-All)	Not Available
Height (Over-All)	Not Available
Ground Clearance	Not Available
Weight (Approximate)	770 lbs.
Engine Type	Gas (Air Cooled)
Electrical System	12v Negative Ground

### GENERAL INFO:

Wheelbase	43.0"
Tread Front/Rear	Rib/Turf
Turning Radius	0"
Front Wheel Tire Size	13" x 5"-6"
Rear Wheel Tire Size	20" x 10.0"-8"
Trans/Differential Type	Aluminum, Intergrated
Forward Speed	0-8.0 mph
Reverse Speed	0-3.0 mph

### ENGINE SPECS:

Make	Kohler
Model Series	7000 Series Pro (Vertical)
Model/Type/Spec	KT740-3027
No. Of Cylinders	2
Horse Power <small>Rated By Manufacturer</small>	25 HP (18.6 kW)
Peak Torque	Not Available
Displacement	44.2 cu in. (725cc)
Bore	3.27"
Stroke	2.62"

### ENGINE SPECS:

Idle Speed	1600 R.P.M.
Max. Speed (No Load)	3350 R.P.M.
Max. Speed (Full Load)	3300 R.P.M.
Valve Lash (Intake)	0.006" (0.152 mm)
Valve Lash (Exhaust)	0.006" (0.152 mm)
Ignition Type	Electronic
Spark Plug Gap	0.030"
Mag Air Gap	0.008"-0.012"

### CAPACITIES:

Engine Crankcase	2.0 qts. (A)
Coolant	Not Applicable
Transmission	70.3 oz. Both Transaxles (B)
Transaxle	Not Applicable
Creeper Drive Housing	Not Applicable
Front Axle	Not Applicable
Fuel Tank	2.8 gal.

### FLUIDS:

(A) SAE 10W30	737-3030A
(B) Drive System + Fluid	737-3120
(C) 135H EP Gear Lube 85W-140	737-3065
(D) 251 EP Chassis Lubricant	737-3034

### ENGINE MAINTENANCE PARTS:

Air Filter	KH-16-883-04-S1
Pre Filter	See Air Filter
Oil Filter	KH-52-050-02-S
Fuel Filter	KH-25-050-22-S1
Spark Plug	KH-25-132-12-S
Armature	KH-32-584-07-S
Points	Not Applicable
Carb Kit	Not Available

### TRACTOR MAINTENANCE PARTS:

Transmission Filter	HG-52114P
Voltage Regulator	KH-41-403-10-S
Solenoid	925-06153
Muffler	751-10528A
Battery	925-1707D
P.T.O. Clutch	917-05192

### ENGINE:

Complete Engine	KH-KT740-3027
Short Block	Not Available
Mini Block	Not Available

### WARRANTY:

Limited Residential	3 Year / 180 Hrs.
Engine	3 Year
P.T.O. Clutch	3 Year / 180 Hrs.

### BEIGE POWDERED PAINT CODE -0499

Beige Paint (11.5 oz. Aerosol)	759-3735
Beige Paint (Quart)	759-3736
Beige Paint (.6 oz. Bottle)	759-3674

### YELLOW POWDERED PAINT CODE -4021

Yellow Paint (11.5 oz. Aerosol)	788S04021
Yellow Paint (Quart)	788L04021-QT
Yellow Paint (.6 oz. Bottle)	788T04021

Part Numbers and Specifications Subject To Change Without Notice.

# MODEL: Z-Force LZ48

YEAR: 2014

Factory Model Number: 17AIDAGB010

24 H.P. Hydro Drive  
Electric P.T.O. / 48" Fabricated Deck

## GENERAL INFO:

Length (Over-All)	70.0"
Width (Over-All)	Not Available
Height (Over-All)	Not Available
Ground Clearance	Not Available
Weight (Approximate)	725 lbs.
Engine Type	Gas (Air Cooled)
Electrical System	12v Negative Ground

## GENERAL INFO:

Wheelbase	43.0"
Tread Front/Rear	Rib/Turf
Turning Radius	0"
Front Wheel Tire Size	13" x 5"-6"
Rear Wheel Tire Size	20" x 10"-8"
Trans/Differential Type	Aluminum, Intergrated
Forward Speed	0-8.0 mph
Reverse Speed	0-3.0 mph

## ENGINE SPECS:

Make	Kawasaki
Model Series	FR (Vertical)
Model/Type/Spec	FR730V-AS05
No. Of Cylinders	2
Horse Power <small>Rated By Manufacturer</small>	24 HP (17.9 kW)
Peak Torque	Not Available
Displacement	44.3 cu in. (726cc)
Bore	3.07"
Stroke	2.99"

## ENGINE SPECS:

Idle Speed	1550 R.P.M.
Max. Speed (No Load)	3600 R.P.M.
Max. Speed (Full Load)	3450 R.P.M.
Valve Lash (Intake)	0.003" (0.0762 mm)
Valve Lash (Exhaust)	0.003" (0.0762 mm)
Ignition Type	Electronic
Spark Plug Gap	0.030"
Mag Air Gap	0.008"-0.016"

## CAPACITIES:

Engine Crankcase	1.9 qts. (A)
Coolant	Not Applicable
Transmission	2.0 qts. Transaxles/Reservoir (B)
Transaxle	Not Applicable
Creeper Drive Housing	Not Applicable
Front Axle	Not Applicable
Fuel Tank	2.8 gal. x Two (5.6 gal. Total)

## FLUIDS:

(A) SAE 10W30	737-3030A
(B) Drive System + Fluid	737-3120
(C) 135H EP Gear Lube 85W-140	737-3065
(D) 251 EP Chassis Lubricant	737-3034

## ENGINE MAINTENANCE PARTS:

Air Filter	KM-99999-0384
Pre Filter	Not Applicable
Oil Filter	KM-49065-7007
Fuel Filter	KM-49019-0014
Spark Plug	KM-BPR4ES
Armature	KM-21171-0711
Points	Not Applicable
Carb Kit	Not Applicable

## TRACTOR MAINTENANCE PARTS:

Transmission Filter	HG-52114P
Voltage Regulator	KM-21066-7017
Solenoid	725-06153
Muffler	751-11471A
Battery	925-1707D
P.T.O. Clutch	917-05188

## ENGINE:

Complete Engine	KM-FR730V-S00-S
Short Block	Not Available
Mini Block	Not Available

## WARRANTY:

Limited Residential	3 Year / 180 Hrs.
Engine	3 Year
P.T.O. Clutch	3 Year / 180 Hrs.

## BEIGE POWDERED PAINT CODE -0499

Beige Paint (11.5 oz. Aerosol)	759-3735
Beige Paint (Quart)	759-3736
Beige Paint (.6 oz. Bottle)	759-3674

## YELLOW POWDERED PAINT CODE -4021

Yellow Paint (11.5 oz. Aerosol)	788S04021
Yellow Paint (Quart)	788L04021-QT
Yellow Paint (.6 oz. Bottle)	788T04021

Part Numbers and Specifications Subject To Change Without Notice.

# MODEL: Z-Force LZ54

# YEAR: 2014

Factory Model Number: 17AIDAGC010

24 H.P. Hydro Drive  
Electric P.T.O. / 54" Fabricated Deck

### GENERAL INFO:

Length (Over-All)	70.0"
Width (Over-All)	Not Available
Height (Over-All)	Not Available
Ground Clearance	Not Available
Weight (Approximate)	760 lbs.
Engine Type	Gas (Air Cooled)
Electrical System	12v Negative Ground

### GENERAL INFO:

Wheelbase	43.0"
Tread Front/Rear	Rib/Turf
Turning Radius	0"
Front Wheel Tire Size	13" x 5"-6"
Rear Wheel Tire Size	20" x 10"-8"
Trans/Differential Type	Aluminum, Intergrated
Forward Speed	0-8.0 mph
Reverse Speed	0-3.5 mph

### ENGINE SPECS:

Make	Kawasaki
Model Series	FR (Vertical)
Model/Type/Spec	FR730V-AS05
No. Of Cylinders	2
Horse Power <small>Rated By Manufacturer</small>	24 HP (17.9 kW)
Peak Torque	Not Available
Displacement	44.3 cu in. (726cc)
Bore	3.07"
Stroke	2.99"

### ENGINE SPECS:

Idle Speed	1550 R.P.M.
Max. Speed (No Load)	3600 R.P.M.
Max. Speed (Full Load)	3450 R.P.M.
Valve Lash (Intake)	0.003" (0.0762 mm)
Valve Lash (Exhaust)	0.003" (0.0762 mm)
Ignition Type	Electronic
Spark Plug Gap	0.030"
Mag Air Gap	0.008"-0.016"

### CAPACITIES:

Engine Crankcase	1.9 qts. (A)
Coolant	Not Applicable
Transmission	2.0 qts. Transaxles/Reservoir (B)
Transaxle	Not Applicable
Creeper Drive Housing	Not Applicable
Front Axle	Not Applicable
Fuel Tank	2.8 gal. x Two (5.6 gal. Total)

### FLUIDS:

(A) SAE 10W30	737-3030A
(B) Drive System + Fluid	737-3120
(C) 135H EP Gear Lube 85W-140	737-3065
(D) 251 EP Chassis Lubricant	737-3034

### ENGINE MAINTENANCE PARTS:

Air Filter	KM-99999-0384
Pre Filter	Not Applicable
Oil Filter	KM-49065-7007
Fuel Filter	KM-49019-0014
Spark Plug	KM-BPR4ES
Armature	KM-21171-0711
Points	Not Applicable
Carb Kit	Not Applicable

### TRACTOR MAINTENANCE PARTS:

Transmission Filter	HG-52114P
Voltage Regulator	KM-21066-7017
Solenoid	725-06153
Muffler	751-11471A
Battery	925-1707D
P.T.O. Clutch	917-05192

### ENGINE:

Complete Engine	KM-FR730V-S00-S
Short Block	Not Available
Mini Block	Not Available

### WARRANTY:

Limited Residential	3 Year / 180 Hrs.
Engine	3 Year
P.T.O. Clutch	3 Year / 180 Hrs.

### BEIGE POWDERED PAINT CODE -0499

Beige Paint (11.5 oz. Aerosol)	759-3735
Beige Paint (Quart)	759-3736
Beige Paint (.6 oz. Bottle)	759-3674

### YELLOW POWDERED PAINT CODE -4021

Yellow Paint (11.5 oz. Aerosol)	788S04021
Yellow Paint (Quart)	788L04021-QT
Yellow Paint (.6 oz. Bottle)	788T04021

Part Numbers and Specifications Subject To Change Without Notice.

# MODEL: Z-Force LZ60

# YEAR: 2014

Factory Model Number: 17AIDAGD010

24 H.P. Hydro Drive  
Electric P.T.O. / 60" Fabricated Deck

### GENERAL INFO:

Length (Over-All)	70.0"
Width (Over-All)	Not Available
Height (Over-All)	Not Available
Ground Clearance	Not Available
Weight (Approximate)	800 lbs.
Engine Type	Gas (Air Cooled)
Electrical System	12v Negative Ground

### GENERAL INFO:

Wheelbase	43.0"
Tread Front/Rear	Rib/Turf
Turning Radius	0"
Front Wheel Tire Size	13" x 5"-6"
Rear Wheel Tire Size	20" x 10"-8"
Trans/Differential Type	Aluminum, Intergrated
Forward Speed	0-8.0 mph
Reverse Speed	0-3.5 mph

### ENGINE SPECS:

Make	Kawasaki
Model Series	FR (Vertical)
Model/Type/Spec	FR730V-AS05
No. Of Cylinders	2
Horse Power <small>Rated By Manufacturer</small>	24 HP (17.9 kW)
Peak Torque	Not Available
Displacement	44.3 cu in. (726cc)
Bore	3.07"
Stroke	2.99"

### ENGINE SPECS:

Idle Speed	1550 R.P.M.
Max. Speed (No Load)	3600 R.P.M.
Max. Speed (Full Load)	3450 R.P.M.
Valve Lash (Intake)	0.003" (0.0762 mm)
Valve Lash (Exhaust)	0.003" (0.0762 mm)
Ignition Type	Electronic
Spark Plug Gap	0.030"
Mag Air Gap	0.008"-0.016"

### CAPACITIES:

Engine Crankcase	1.9 qts. (A)
Coolant	Not Applicable
Transmission	2.0 qts. Transaxles/Reservoir (B)
Transaxle	Not Applicable
Creeper Drive Housing	Not Applicable
Front Axle	Not Applicable
Fuel Tank	2.8 gal. x Two (5.6 gal. Total)

### FLUIDS:

(A) SAE 10W30	737-3030A
(B) Drive System + Fluid	737-3120
(C) 135H EP Gear Lube 85W-140	737-3065
(D) 251 EP Chassis Lubricant	737-3034

### ENGINE MAINTENANCE PARTS:

Air Filter	KM-99999-0384
Pre Filter	Not Applicable
Oil Filter	KM-49065-7007
Fuel Filter	KM-49019-0014
Spark Plug	KM-BPR4ES
Armature	KM-21171-0711
Points	Not Applicable
Carb Kit	Not Applicable

### TRACTOR MAINTENANCE PARTS:

Transmission Filter	HG-52114P
Voltage Regulator	KM-21066-7017
Solenoid	725-06153
Muffler	751-11471A
Battery	925-1707D
P.T.O. Clutch	917-05192

### ENGINE:

Complete Engine	KM-FR730V-S00-S
Short Block	Not Available
Mini Block	Not Available

### WARRANTY:

Limited Residential	3 Year / 180 Hrs.
Engine	3 Year
P.T.O. Clutch	3 Year / 180 Hrs.

### BEIGE POWDERED PAINT CODE -0499

Beige Paint (11.5 oz. Aerosol)	759-3735
Beige Paint (Quart)	759-3736
Beige Paint (.6 oz. Bottle)	759-3674

### YELLOW POWDERED PAINT CODE -4021

Yellow Paint (11.5 oz. Aerosol)	788S04021
Yellow Paint (Quart)	788L04021-QT
Yellow Paint (.6 oz. Bottle)	788T04021

Part Numbers and Specifications Subject To Change Without Notice.