

# 877.544.5438

LiftTrucks.RingPower.com

# WE'VE GOT YOU COVERED WITH USED EQUIPMENT POWERTRAIN COVERAGE!

### **ENGINE**



### **Camshaft**

Camshaft Cam Bearing Engine Lfter Auto Lash Adjusters

### Crankshaft

Crankshaft Main / Rod Bearings Crank Pulley Crank Gear

### **Cylinder Head Assembly**

Cylinder Head

### Engine—Basic

Engine (Gas/LP) Engine (Diesel) Cylinder Block Engine Liners

### **Engine Gears / Pulley**

Timing Gears Crankshaft Gear Flywheel Ring Gear Crank Damper / Pulley

### **Flywheel**

Flywheel Flywheel Housing Flywheel Pilot Bearing

### Front & Rear Covers

Front Cover Timing Gear Cover Timing Gear Housing

### Lubrication

Oil Pump Engine Oil Cooler Oil Filter Base

#### Piston

Piston Piston Rod Rod Bearing Piston Rings Piston Pin Rod Bushing

### **Valve Mechanism**

Intake / Exhaust Valve Valve Guide Valve Spring Rocker Assembly Valve Cover

### **FUEL SYSTEM**



### **Carburetor & Governor**

Air Governor Drive-by-Wire Carb Carburetor Gas / LP Throttle Body (Gas) Throttle Body (LP) E C U

### **Fuel Injection**

Fuel Injection Nozzle Fuel Injection Pump Fuel Injection Line

### **Fuel System—Basic**

Fuel Pump (Gas) Fuel Transfer Pump Intake Manifold

### **POWERTRAIN-TRANSMISSION**



#### **Transmission**

Transmission 1 Speed Torque Converter T/C Flex Plate Trans Gear Pump Trans Case 1 Speed Trans 2 Speed Trans Case 2 Speed

### **Trans Electric Group**

Shift Solenoid

### **Transmission Valve**

Trans Control Valve Trans Sub Plate

## DRIVE AXLE

Axle Housing
Drive Axle

Bevel Gear / Shaft
Differential Case
Diff Case Gear
Diff Ring Pinion

**Final Drive**Drive Unit

Drive Axle Hub / Gear

Transfer Gears
Drive Shaft

U-Joint (Drive Saft)
Final Drive Gears
Final Drive Hub
Planetary Gears

DRIVE MOTOR

**Drive Motor** 

Traction Motor Armature Field Windings Motor Bearings Motor Fan Drive Unit

### **ELECTRIC UNITS-DRIVE & CONTROL**



**Control Panel Drive System** 

Control Panel
Card Assembly
Logic Card
Contactor Coil
Driver Board
BDI Control
Capacitor (Drive)
Transistor (Chopper)

Transistor (TM1 & TM2) Diode / Rectifier (Drive)

Arc Suppressor

**Drive Power Resistor** 

Firmare H-Bridge Encoder

Vehicle Manager Motor Controller Choke Drive Control
Filter Drive Control
Snubber Drive Control
Control Harness (Drive)
Power Cables (Drive)
Thermal Protector (Drive)

# 🗙 NOT COVERED ITEMS 🗙

Engine Ingnition/
Starting System

**Engine Mounting** 

**Fuel Tank** 

Wheel & Tires

**Brakes** 

Brake Linkage & Lines

Parking Brake

Wheel Brake & Drum

Steering

Steer Axle Steering Column

Steering Electrical Steering Linkage & Hose

Steering Pumps & Valves

**Cooling System** 

Fan/Fan Drive

Radiator/Hoses/Pipes

Thermostat Water Pump

**Electrical System** 

Gauges & Indicators

Ignition Lights

**Protection Devices & Alarms** 

Switches Wiring

Chassis

Frame & Body

Guards Hood Seat

**Operator Compartment** 

Mast

Mast Assembly Carriage Assembly Attachments

Chain & Pulley

Hoses, Pipes & Fittings

**Hyudraulics** 

Hydraulic Control Linkage

Hydraulic Cylinders

Hydraulic Pump / Drive Shaft

Hydraulic Valves Hydraulic Tank

**Hydraulics**—**Electric** 

Hydraulic Controls
Hydraulic Pump / Motor
Steering System

**Drive Motor** 

Handle / Travel Controller Assy

Battery / Charger