



Engine Specifications & Capacities

| Engine Manufacture | Kawasaki | |
|---------------------------------|--|----------------------------------|
| Mower Models | ZSR54, ZSR60 | ZSR54, ZSR60 |
| Horsepower | 23 | 23.5 |
| Engine Model Type | FS691V | FX730V |
| Max Torque @ 2400 rpms | 40.9 ft. lbs (55.4 N.m) | 42.1 ft. lbs. (57.1 N.m) |
| Charging System | 12-volt, 15 amps | |
| Starter | 12-volt Electric Starter | |
| Ignition | Keyed 12 volt electronic system | |
| Governor | Mechanical | |
| Fuel Type | Unleaded gasoline with octane rating of 87 or higher | |
| Oil Cooling | without | |
| Engine Cooling | Forced air cooled, Fly-wheel fan | |
| Engine Type | 4-stroke OHV, V-twin cylinder, gasoline | |
| Number of Cylinders | 2 | |
| Displacement | 44.3 cu. in. (726cc) | 44.3 cu. in. (726cc) |
| Compression Ratio | 8.2:1 | 8.2:1 |
| Spark Plug No. | BPR4ES (NGK) | |
| Oil Capacity with Filter Change | 2 US quarts (1.9L) | |
| Oil Type | SAE 10W-30 | |
| Oil Filter Part No. | 831-073C | |
| Fuel Filter Part No. | 831-031C | |
| Air Filter Part No | 831-074C | Outer 831-075C Inner 831-076C |

Hydrostatic Transaxle Specifications & Capacities

| Mower Model No | ZSR54 & ZSR60 |
|-----------------------------------|---|
| Transaxle Model Nos. | ZT-3100™ |
| Gear Type | Cut Steel Gears |
| Number of Wheel Lugs | 5 |
| Traction Drive Type | Dual Hydrostatic Transmission |
| Hydraulic Motor/Pumps | Two variable displacement, axial piston type. |
| Hydraulic Motor/Pump Drive | V-belt drive from engine crankshaft |
| Hydraulic Oil Type | SAE 20W-50 engine oil |
| Hydraulic Oil Capacity - Per Side | Total = 78 to 80 fl. oz. to fill transaxle and expansion tank to cold fill line (75.7 fl. oz. to fill transaxle to top port plug + 4.3 fl.oz. to cold fill line in expansion tank) |
| Hydraulic Oil Filter No. | 831-060C |

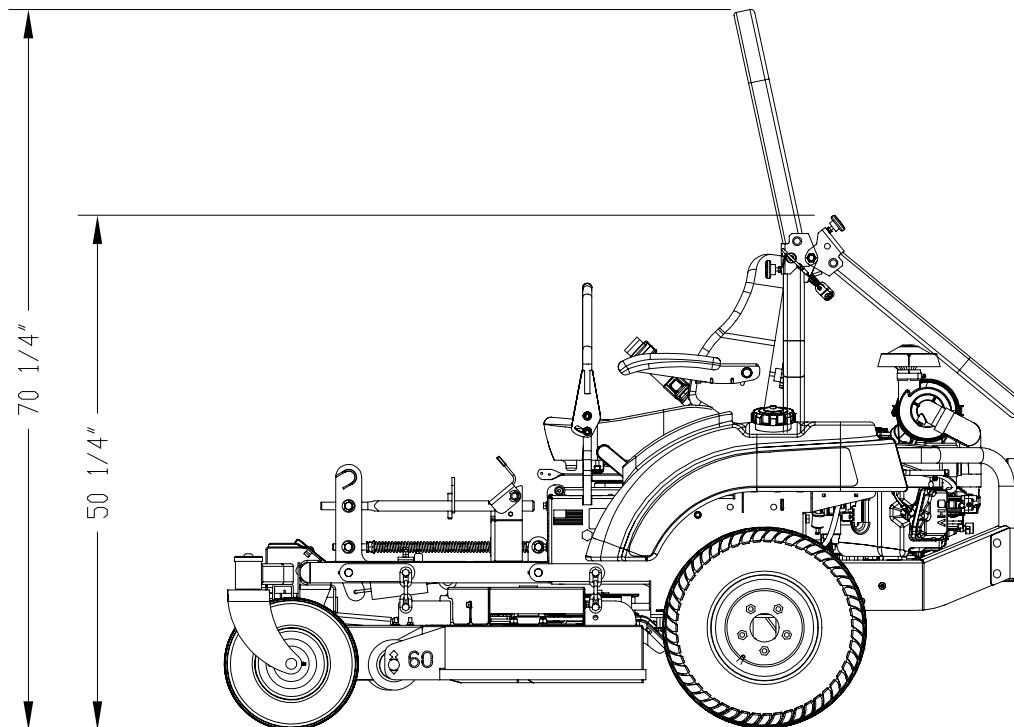
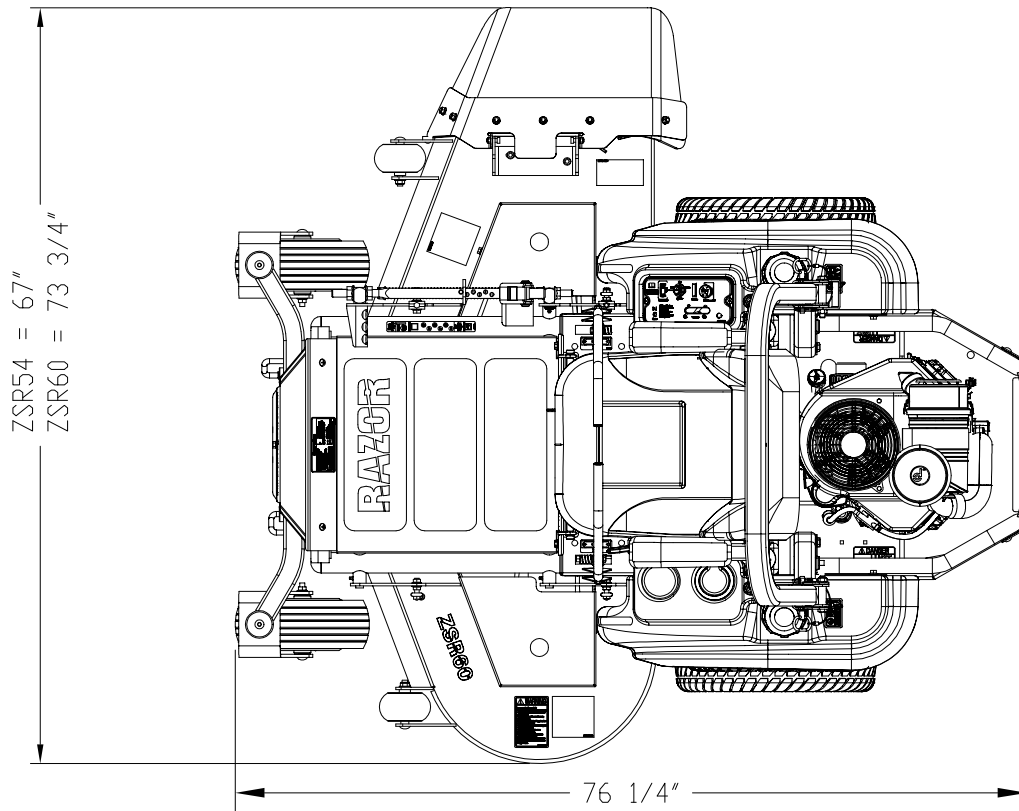
General Specifications & Capacities

| Mower Model No | ZSR54 | ZSR60 |
|---------------------------|-------------------------------------|----------|
| Weight with deluxe seat | 890 lbs | 915 lbs. |
| Width of Cut | 54" | 60" |
| Cutting Height | 1 1/2" to 4 1/2" In 1/4" increments | |
| Trim Capacity (left side) | 3" | 6" |
| Overall width Chute down | 67 1/4" | 73 3/4" |
| Overall Length | 78 1/4" with hitch plate | |

Specifications to continue on next page.

General Specifications & Capacities

| Mower Model No | ZSR54 | ZSR60 |
|---|--|-----------------------|
| Tire-to-tire width: | 48" | |
| Overall Height Top of folded ROPS Top of unfolded ROPS | 50 1/4" 70 1/4" | |
| Certified ROPS | Standard | |
| Drive Tires | 5-bolt, 20 x 10 -10 Turf Tread | |
| Front Tires | 13 x 5 - 6, Ribbed tread with roller bearings | |
| Hour Meter | Standard equipment | |
| Fuel Capacities | 12 US GAL | |
| Steering Type | Hydrostatic Twin lever steering provides independent control of each drive wheel. | |
| Twin Lever Steering Controls | Speed, forward, reverse, brake, and turns. | |
| Steering Turning Radius | True zero degree. Turns with counter-rotating independent drive wheels. | |
| Brake Service | Hydrostatic dynamic braking. | |
| Park Brake Type | Manual activated over-center lever to pawl over cog wheel. | |
| Ground Speed | Forward: 0-7.2 MPH Reverse: 0-4.5 MPH | |
| Motor Drive | Single V-belt with electric clutch and manual take-up idler pulley. | |
| Wheel Drive | High torque piston type planetary reduction motors | |
| Electrical Operated Logic-Control Safety Features | Electric logic-control system governs blade engagement, forward & reverse motion, engine starting & running, and parking brake functions. | |
| Evaporative Emission Control System on EPA Compliant Mowers | This equipment uses a sealed fuel system which incorporates a non-vented fuel cap. Evaporative emissions are vented to the engine where they combust during normal engine operation. | |
| Seat Options | Deluxe cushion seat with arm rests. | |
| Mainframe Construction | Welded steel | |
| Front Caster Wheels | Free turning with greasable roller bearings. | |
| Front Caster Fork Construction | 5/16" steel. | |
| Deck Thickness | 10 Gauge decks with 11 gauge doubler plate and 3/16" reinforcement plate connecting spindle housing mounts | |
| Box-Section Reinforced Front Edge | 10 ga. thick | |
| Deck Trim Edges | Solid 1" x 3/8" steel bar for reinforced trim edge & doubled plated 10 Gauge front edge. | |
| Deck Housing Depth | 5 3/16" deep, (room for high-capacity mowing) | |
| Deck Lift | Foot-operated deck height adjustment with locking pin for setting height. | |
| Hand Operated Controls | Ignition switch, throttle lever, control levers, park brake, blade engagement switch, choke knob, and Fuel Tank Selector Valve. | |
| Indicators | Engine warning light and hour meter for engine run time. | |
| Cup Holder | Two cup holders molded into the left side fuel tank. Accommodates nearly any cup size. | |
| Cutting Height Adjustments | Height adjustment in 1/4" increments from 1" to 5". | |
| Mowing Blades | 3 Heavy-duty, heat-treated, high-lift steel blades | |
| | .25" x 2 1/2" x 18.8" | .25" x 2 1/2" x 20.9" |
| Blade Tip Speed | 18,515 FPM | 18,700 FPM |
| Blade Drive | Single B-Section belt drive to all three spindles. Spring loaded take-up idler pulley. | |
| Blade Spindles | Machined ductile iron housing, 1 3/8" diameter high carbon steel shafts and greasable ball bearings. | |
| Deck Suspension | Four point suspension from frame by mechanical linkage with counter balance springs. | |
| Anti-Scalp Rollers | 4 Anti-scalp rollers to improve flotation in rolling and uneven terrain. | |



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