



THE TRUSTED ONE

Kawasaki

— ENGINES —

2018 PRODUCT CATALOG

THIS IS ABOUT TRUST.

You built your business on it.
You back every job with it.
You stake your reputation on it.

Kawasaki measures up.
These are the engines that mow above and beyond.

You trust them from start to finish.
Flip the switch.
Fire it up.
Throw it in gear.
Mow.
Job after job after job.

No wonder your dealer recommends Kawasaki.
He trusts it too.
You see, in this business, trust is everything.
That's why more professionals choose Kawasaki engines over any other.*

Kawasaki Engines.
The Trusted One.

** According to survey of lawn care professionals conducted in 2016 by Orman Guidance, Inc., an independent research firm commissioned by Kawasaki Motors Corp., U.S.A.*

4	SAE CERTIFIED	12	FX SERIES	34	FD SERIES	45	REPOWER
6	EFI TECHNOLOGY	22	FS SERIES	38	FJ SERIES	46	ENGINE LINE
8	FT SERIES	28	FR SERIES	42	GENUINE PARTS	47	OPTIONAL FEATURES

Kawasaki
— ENGINES —



TRUST IS BUILT ON TRUTH. SAE CERTIFIED HORSEPOWER.



Kawasaki was the first turf engine to be SAE Certified for consistent, accurate horsepower. When we make a horsepower claim, it is verified by a third party and certified to deliver at least 98% of the stated horsepower. There is no stricter turf engine standard than SAE J2723. This means you get the claimed horsepower you pay for.

3-YEAR LIMITED WARRANTY: SOLID CONFIDENCE

Kawasaki engines are covered by one of the strongest warranties in the industry: three years, parts and labor. For complete warranty details, go to: kawasakienginesusa.com/kawasaki-warranties



FOR THOSE DRIVEN TO
SUCCEED, YOU CAN NOW
GET THERE FASTER.

ADVANCED ELECTRONIC FUEL INJECTION

Kawasaki dials up engine performance, efficiency and durability with class-leading EFI. With integrated electronic governor control — eGov — you set the pace, the system instantly matches engine power to cutting load, ground speed and terrain. The advanced ECU continuously monitors ambient conditions and engine performance helping to ensure fast starts and smooth fuel delivery. Automatic fuel enrichment and spark timing matches engine power to load, eliminating droop in heavy turf.

OPEN-LOOP TECHNOLOGY

Advanced, fuel efficient, reliable and cooler running

HIGH ENERGY IGNITION

Fast starts in hot or cold, wet or dry conditions

HIGH PRESSURE FUEL SYSTEM

Consistent fuel delivery and smooth operation at high temp commercial use

CUTTING-EDGE ECU

Maximum productivity that's sealed and secure

MULTI-PORT SEQUENTIAL FUEL INJECTION

Improved fuel efficiency and cutting power

SAE CERTIFIED HORSEPOWER

Certified to deliver the trusted power you count on



INTRODUCING THE FT730V-EFI WITH VORTICAL AIR FILTRATION.

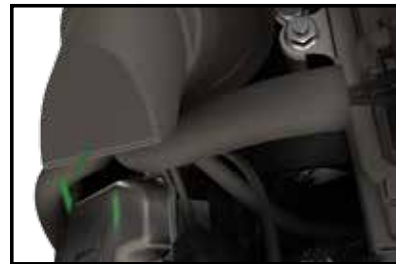
MOW LIKE YOU'VE GOT A BUSINESS TO GROW.

The new FT730V-EFI is purpose-built for commercial applications. If you operate zero turn, walk behind or stand on mowers, this could be the finest EFI power you can buy. The performance will seal the deal. Two things separate this engine from the competition: proven EFI, featuring our own eGov system, and Vortical air filtration, technology that puts debris in its place—out.

Vortical air filtration is Kawasaki's answer to superior debris management. Air enters under the air filter housing. Once inside, the unique design creates a powerful vortex motion. This forces heavier particles outward, ejecting them through the duckbill debris ejector valve, leaving only the finest particles which are easily intercepted by the filter.

ENGINE PROTECTION IS IN THE DETAILS.

- The filter goes in one way only thanks to built-in guides
- The outer housing is sealed using a tongue and groove design
- Two clean out ports let you inspect the cylinders and clean as needed
- A drain hole lets liquid escape, should any find its way in
- Engine cooling is aided by a taller screen guard



Duckbill debris ejector valve

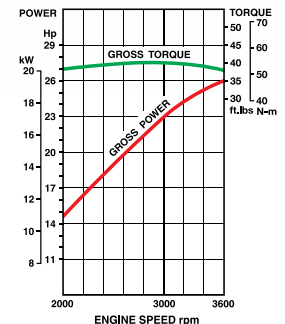


Integrated clean out ports



- 90° V-Twin
- High-efficiency, centrifugal air intake system
- Large, easy to access integrated clean out ports
- Integrated electronic governor
- Pressurized lubrication system
- Electronic ignition with variable spark timing
- Automatic compression release
- Sequential multi-port fuel injection
- Compact electronic control unit
- Proven open loop design
- Electronic altitude compensation
- High pressure fuel injection technology with electronic fuel pump
- Cast-iron cylinder liners

ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	26.0 hp (19.4 kW) / 3600 rpm
Maximum Torque	40.1 ft. lbs. (54.5 N•m) / 2800 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	103.2 lbs. (46.8 kg)



6:32 AM

You don't know what the day is going to bring. And it doesn't matter. You've got the right tools and the right attitude. Kawasaki builds engines that run like you operate. It's how you roll. It's how you mow. It's how you start every day.

IT'S YOU AGAINST THE CLOCK
AND A BILLION UNPREDICTABLE
BLADES OF GRASS.

FX SERIES

AIR-COOLED V-TWIN:
VERTICAL SHAFT



The FX engine elevates “commercial grade” to a new level: strictly heavy duty, built for the toughest jobs, crafted with hands-on precision through every step from initial pressure casting to final, individual inspection. Components are premium professional quality. Tolerances are incredibly tight. Power delivery is tested, confirmed and SAE Certified to ensure full rated horsepower. When your job, your product, or your reputation demands the best you’ve got, this is the engine to get.

- Commercial mowers
- Heavy-duty industrial and construction equipment

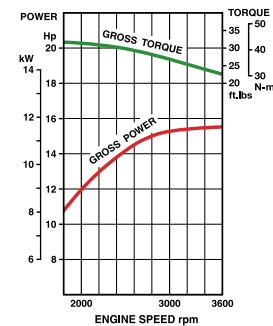
Kawasaki
— ENGINES —

FX481V / 15.5 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	2.9 x 2.8 in. (73 x 72 mm)
Displacement	603 cc (36.8 cu. in.)
Compression Ratio	8.1:1
Maximum Power	15.5 hp (11.6 kW) / 3600 rpm
Maximum Torque	31.4 ft. lbs. (42.6 N•m) / 1800 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	89.7 lbs. (40.7 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter



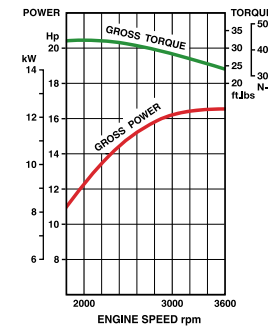
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FX541V / 16.5 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	2.9 x 2.8 in. (73 x 72 mm)
Displacement	603 cc (36.8 cu. in.)
Compression Ratio	8.1:1
Maximum Power	16.5 hp (12.3 kW) / 3600 rpm
Maximum Torque	32.1 ft. lbs. (43.4 N•m) / 2000 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	89.7 lbs. (40.7 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter



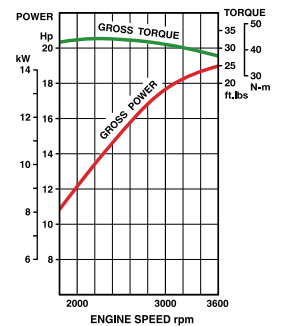
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FX600V / 19.0 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	2.9 x 2.8 in. (73 x 72 mm)
Displacement	603 cc (36.8 cu. in.)
Compression Ratio	8.1:1
Maximum Power	19.0 hp (14.2 kW) / 3600 rpm
Maximum Torque	32.5 ft. lbs. (44.1 N•m) / 2200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	89.7 lbs. (40.7 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter



SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FX651V / 20.5 hp



FX691V / 22.0 hp



FX730V / 23.5 hp



FX730V-EFI / 25.5 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	20.5 hp (15.3 kW) / 3600 rpm
Maximum Torque	39.0 ft. lbs. (52.9 N•m) / 2200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	101.4 lbs. (46.0 kg)

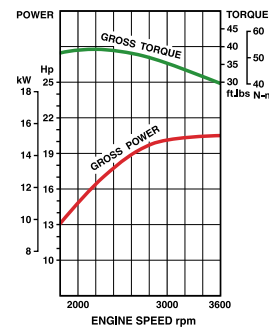
ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	22.0 hp (16.4 kW) / 3600 rpm
Maximum Torque	39.4 ft. lbs. (53.4 N•m) / 2200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	101.4 lbs. (46.0 kg)

ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	23.5 hp (17.5 kW) / 3600 rpm
Maximum Torque	39.9 ft. lbs. (54.1 N•m) / 2400 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	101.4 lbs. (46.0 kg)

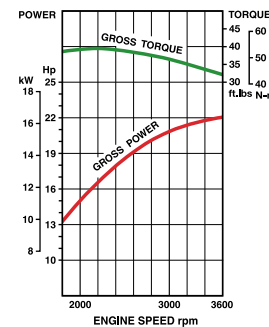
EFI

ENGINE TYPE	Forced Air-Cooled V-twin Fuel Injected 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	25.5 hp (19.0 kW) / 3600 rpm
Maximum Torque	40.3 ft. lbs. (54.6 N•m) / 2800 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	110.7 lbs. (50.2 kg)

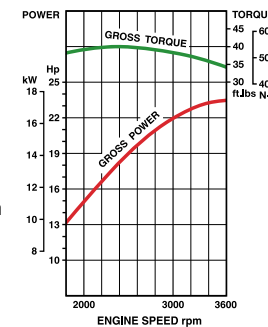
- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter



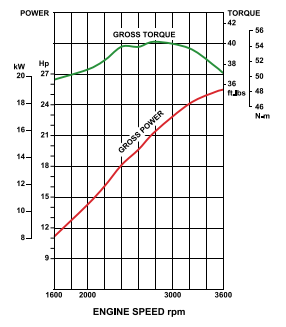
- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter



- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter



- 90° V-twin
- Integrated electronic governor
- Pressurized lubrication system
- Electronic ignition with variable spark timing
- Automatic compression release
- Sequential multi-port fuel injection
- Compact electronic control unit
- Proven open loop design
- Electronic altitude compensation
- High pressure fuel injection technology with electronic fuel pump
- Cast iron cylinder liners
- Integrated clean out ports



FX751V / 24.5 hp



FX801V / 25.5 hp



FX850V / 27.0 hp



FX850V-EFI / 29.5 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.33 x 2.99 in. (84.5 x 76 mm)
Displacement	852 cc (52 cu. in.)
Compression Ratio	8.2:1
Maximum Power	24.5 hp (18.3 kW) / 3600 rpm
Maximum Torque	44.4 ft. lbs. (60.2 N•m) / 2200 rpm
Oil Capacity	2.5 quart (2.4 liter) w/Filter
Dry Weight	124 lbs. (56.4 kg)

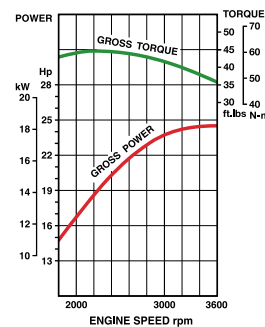
ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.33 x 2.99 in. (84.5 x 76 mm)
Displacement	852 cc (52 cu. in.)
Compression Ratio	8.2:1
Maximum Power	25.5 hp (19.0 kW) / 3600 rpm
Maximum Torque	44.6 ft. lbs. (60.5 N•m) / 2400 rpm
Oil Capacity	2.5 quart (2.4 liter) w/Filter
Dry Weight	124 lbs. (56.4 kg)

ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.33 x 2.99 in. (84.5 x 76 mm)
Displacement	852 cc (52 cu. in.)
Compression Ratio	8.2:1
Maximum Power	27.0 hp (20.1 kW) / 3600 rpm
Maximum Torque	44.6 ft. lbs. (60.5 N•m) / 2400 rpm
Oil Capacity	2.5 quart (2.4 liter) w/Filter
Dry Weight	124 lbs. (56.4 kg)

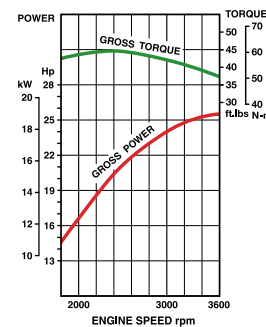
EFI

ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.33 x 2.99 in. (84.5 x 76 mm)
Displacement	852 cc (52 cu. in.)
Compression Ratio	8.2:1
Maximum Power	29.5 hp (22.0 kW) / 3600 rpm
Maximum Torque	48.31 ft. lbs. (65.5 N•m) / 2600 rpm
Oil Capacity	2.5 quart (2.4 liter) w/Filter
Dry Weight	131.6 lbs. (59.7 kg)

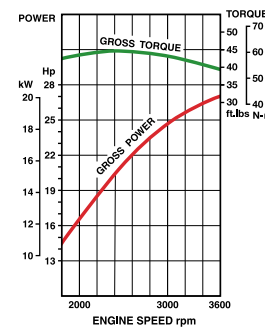
- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter
- High efficiency oil cooler



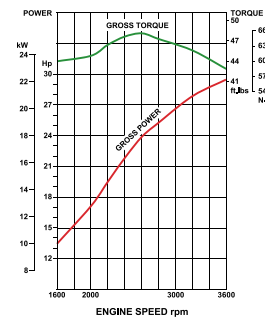
- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter
- High efficiency oil cooler



- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter
- High efficiency oil cooler



- 90° V-twin
- Integrated electronic governor
- Pressurized lubrication system
- Electronic ignition with variable spark timing
- Automatic compression release
- Sequential multi-port fuel injection
- Compact electronic control unit
- Proven open loop design
- Electronic altitude compensation
- High pressure fuel injection technology with electronic fuel pump
- Cast iron cylinder liners
- Integrated clean out ports



FX921V / 31.0 hp



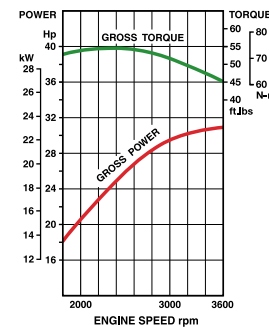
FX1000V / 35.0 hp



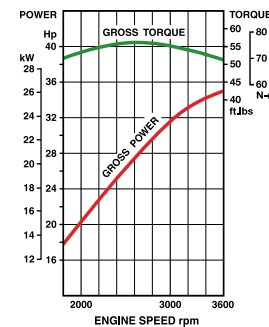
ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.5 x 3.15 in. (89.15 x 80 mm)
Displacement	999 cc (61 cu. in.)
Compression Ratio	8.4:1
Maximum Power	31.0 hp (23.1 kW) / 3600 rpm
Maximum Torque	54.3 ft. lbs. (73.6 N•m) / 2400 rpm
Oil Capacity	2.5 quart (2.4 liter) w/Filter
Dry Weight	138.0 lbs. (62.6 kg)

ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.5 x 3.15 in. (89.15 x 80 mm)
Displacement	999 cc (61 cu. in.)
Compression Ratio	8.4:1
Maximum Power	35.0 hp (26.1 kW) / 3600 rpm
Maximum Torque	56.0 ft. lbs. (75.9 N•m) / 2800 rpm
Oil Capacity	2.5 quart (2.4 liter) w/Filter
Dry Weight	138.0 lbs. (62.6 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter
- High efficiency oil cooler
- Three Valves per cylinder



- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Multi-Stage canister air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Metal engine cover with integrated clean out ports
- Heavy-duty shift-type starter
- High efficiency oil cooler
- Three Valves per cylinder



GOOD WORK IS REWARDED
WITH MORE GOOD WORK.

8:23 AM

Explains why you and your crew are fixtures in this market. Kawasaki dependability and service keep you running strong all day long, for a consistent finish. You're in this business for the long term. Your clients trust you. You trust Kawasaki. Never mess with a good thing.

FS SERIES

AIR-COOLED V-TWIN:
VERTICAL SHAFT



FS Series engines master the mid-duty jobs. Kawasaki Generation 2 FS engines reduce debris ingestion and enhance air flow, appealing to someone looking for easy-cleaning, cool-running power. Easy starting and smooth running add to operator comfort. With the FS, you get plenty of power, reliability that keeps mowers on the job, and the kind of clean, consistent results that impress customers.

- Zero-turn riders
- Lawn and garden tractors
- Wide-area walk-behind mowers

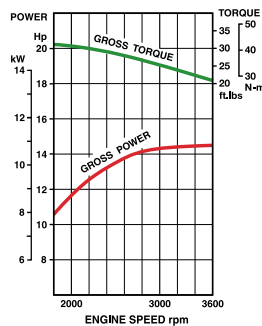
Kawasaki
— ENGINES —

FS481V / 14.5 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	2.9 x 2.8 in. (73 x 72 mm)
Displacement	603 cc (36.8 cu. in.)
Compression Ratio	8.1:1
Maximum Power	14.5 hp (10.8 kW) / 3600 rpm
Maximum Torque	30.9 ft. lbs. (42.0 N•m) / 1800 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (no muffler)	80.9 lbs. (36.7 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Dual element air filtration system with reinforced primary filter
- Cast-iron cylinder liners
- Rotating grass chopper screen
- Integrated clean out ports



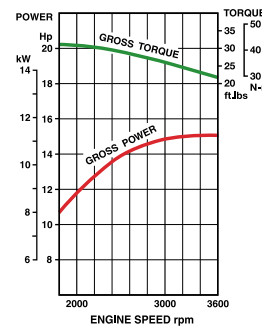
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FS541V / 15.0 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	2.9 x 2.8 in. (73 x 72 mm)
Displacement	603 cc (36.8 cu. in.)
Compression Ratio	8.1:1
Maximum Power	15.0 hp (11.2 kW) / 3600 rpm
Maximum Torque	31.0 ft. lbs. (42.1 N•m) / 1800 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	80.9 lbs. (36.7 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Dual element air filtration system with reinforced primary filter
- Cast-iron cylinder liners
- Rotating grass chopper screen
- Integrated clean out ports



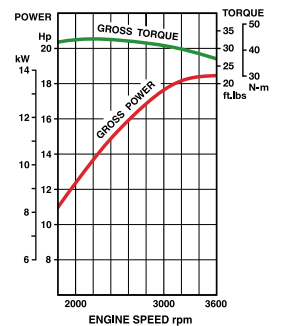
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FS600V / 18.5 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	2.9 x 2.8 in. (73 x 72 mm)
Displacement	603 cc (36.8 cu. in.)
Compression Ratio	8.1:1
Maximum Power	18.5 hp (13.8 kW) / 3600 rpm
Maximum Torque	32.5 ft. lbs. (44.1 N•m) / 2000 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	80.9 lbs. (36.7 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Dual element air filtration system with reinforced primary filter
- Cast-iron cylinder liners
- Rotating grass chopper screen
- Integrated clean out ports



SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FS651V / 22.0 hp



FS691V / 23.0 hp



FS730V / 24.0 hp



FS730V-EFI / 25.5 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	22.0 hp (16.4 kW) / 3600 rpm
Maximum Torque	39.4 ft. lbs. (53.3 N•m) / 2000 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	90.4 lbs. (41.0 kg)

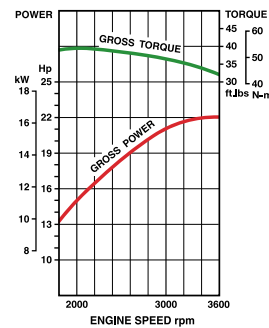
ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	23.0 hp (17.2 kW) / 3600 rpm
Maximum Torque	39.9 ft. lbs. (54.1 N•m) / 2200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	90.4 lbs. (41.0 kg)

ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	24.0 hp (17.9 kW) / 3600 rpm
Maximum Torque	40.0 ft. lbs. (54.2 N•m) / 2400 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	90.4 lbs. (41.0 kg)

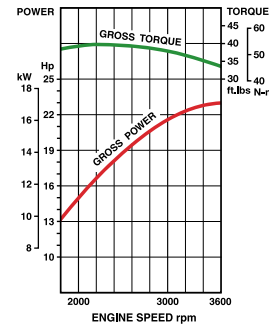
EFI

ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	25.5 hp (19.0 kW) / 3600 rpm
Maximum Torque	40.0 ft. lbs. (54.2 N•m) / 2400 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	91.5 lbs. (41.5 kg)

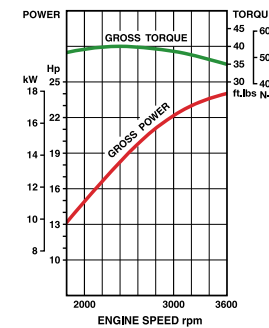
- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Dual element air filtration system with reinforced primary filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Integrated clean out ports



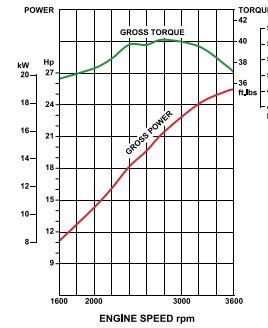
- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Dual element air filtration system with reinforced primary filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Integrated clean out ports



- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Dual element air filtration system with reinforced primary filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen
- Integrated clean out ports



- 90° V-twin
- Integrated electronic governor
- Pressurized lubrication system
- Electronic ignition with variable spark timing
- Automatic compression release
- Sequential multiport fuel injection
- Compact electronic control unit
- Proven open loop design
- Electronic altitude compensation
- High pressure fuel injection technology with electronic fuel pump
- Cast-iron cylinder liners
- Integrated clean out ports





DRY, HOT AND DUSTY MEET
COOL, CALM AND POWERFUL.

11:54 AM

You ask a lot of your Kawasaki, and it always gives more back. A lesser engine just isn't good for business. That's why we fabricate the majority of parts that go into a Kawasaki engine. Then it's put to the test, under conditions that cause lesser engines to blow a gasket. It's tough out there. So we build 'em strong.

FR SERIES

AIR-COOLED V-TWIN:
VERTICAL SHAFT



FR Series engines are engineered to blend muscle, economy and efficiency into a residential-use powerhouse. Torque and power are ideal for lawn and landscape grasses. Operation is smooth and quiet, perfect for neighborhood use. Compact design means nimble operation, and Kawasaki durability helps ensure long service life. When it comes to getting things done, this is the engine that brings professional quality home.

- Residential zero-turn mowers
- Lawn and garden tractors

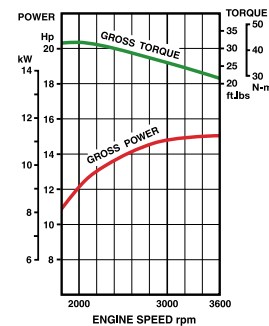
Kawasaki
— ENGINES —

FR541V / 15.0 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	2.9 x 2.8 in. (73 x 72 mm)
Displacement	603 cc (36.8 cu. in.)
Compression Ratio	8.1:1
Maximum Power	15.0 hp (11.2 kW) / 3600 rpm
Maximum Torque	31.7 ft. lbs. (43.0 N•m) / 2000 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	80.9 lbs. (36.7 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Single-stage air filter
- Cast-iron cylinder liners
- Rotating grass screen



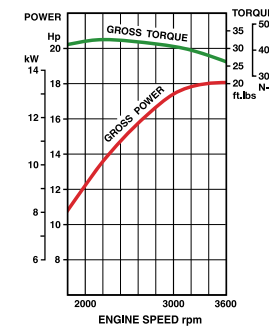
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FR600V / 18.0 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	2.9 x 2.8 in. (73 x 72 mm)
Displacement	603 cc (36.8 cu. in.)
Compression Ratio	8.1:1
Maximum Power	18.0 hp (13.4 kW) / 3600 rpm
Maximum Torque	32.4 ft. lbs. (44.0 N•m) / 2200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight	80.9 lbs. (36.7 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Single-stage air filter
- Cast-iron cylinder liners
- Rotating grass screen



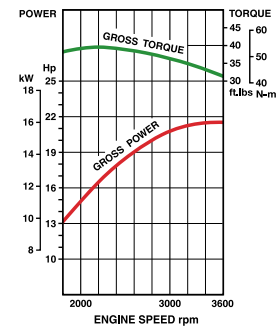
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FR651V / 21.5 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	21.5 hp (16.0 kW) / 3600 rpm
Maximum Torque	39.3 ft. lbs. (53.3 N•m) / 2200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	88.2 lbs. (40.0 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Single-stage air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen



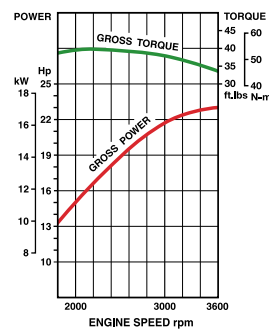
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FR691V / 23.0 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	23.0 hp (17.2 kW) / 3600 rpm
Maximum Torque	39.5 ft. lbs. (53.6 N•m) / 2200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	88.2 lbs. (40.0 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Single-stage air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen



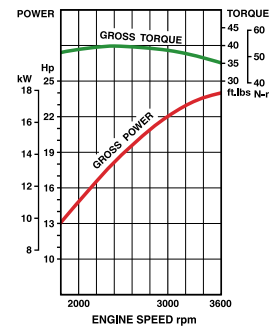
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FR730V / 24.0 hp



ENGINE TYPE	Forced Air-Cooled V-twin 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.1 x 3.0 in. (78 x 76 mm)
Displacement	726 cc (44.3 cu. in.)
Compression Ratio	8.2:1
Maximum Power	24.0 hp (17.9 kW) / 3600 rpm
Maximum Torque	39.7 ft. lbs. (53.9 N•m) / 2200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	88.2 lbs. (40.0 kg)

- 90° V-twin
- Pressurized lubrication system
- Electronic spark ignition
- Automatic compression release
- Single-stage air filter
- Cast-iron cylinder liners
- Rotating metal grass chopper screen



SAE J1995
CERTIFIED
POWER.
An SAE International Standard





YOU OPERATE AT ONE
SPEED. RIGHT NOW.

1:52 PM

Kawasaki EFI is calling your name. Response is instant. Chalk it up to the electronic governor control (eGov). The system instantly matches engine power to cutting load, ground speed and terrain. There's no engine droop. RPMs remain consistent regardless of conditions. Maybe now you can take a few extra minutes for lunch.

FD SERIES

LIQUID-COOLED V-TWIN:
HORIZONTAL SHAFT



The FD Series engines are high-torque powerplants with small footprints, ideal for tight installations. Efficient liquid cooling disperses heat in compact engine bays. Light weight enhances equipment handling for nimble operation. Available fuel injection, overhead V-valves, full pressure lubrication, and cast-iron cylinder liners help ensure long, productive life in heavy use.

- Zero-turn and stand-on riders
- Lawn and garden tractors
- Utility vehicles
- Generators and pumps
- Construction and industrial equipment: scissor lifts, trenchers, trash pumps

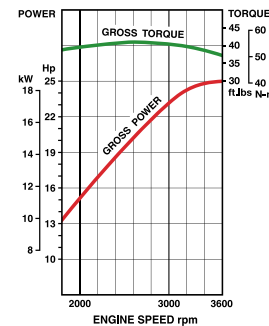
Kawasaki
— ENGINES —

FD750D / 25.0 hp



ENGINE TYPE	Liquid-Cooled V-twin 4-cycle Horizontal Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.07 x 3.07 in. (78 x 78 mm)
Displacement	745 cc (45.5 cu. in.)
Compression Ratio	8.6:1
Maximum Power	25.0 hp (18.7 kW) / 3600 rpm
Maximum Torque	41 ft. lbs. (55.6 N•m) / 2600 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	127.9 lbs. (58.0 kg)

- 90° V-twin
- Oil pressure switch
- Twin barrel carburetor w/fuel shut-off solenoid
- Water temperature switch
- Multi-position, dual element air cleaner
- Magneto spark ignition



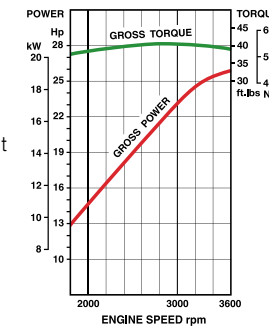
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FD791D-DFI / 26.0 hp



ENGINE TYPE	Liquid-Cooled V-twin 4-cycle, Digital Fuel Injected, Horizontal Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.07 x 3.07 in. (78 x 78 mm)
Displacement	745 cc (45.5 cu. in.)
Compression Ratio	9.0:1
Maximum Power	26.0 hp (19.4 kW) / 3600 rpm
Maximum Torque	40.5 ft. lbs. (54.9 N•m) / 2800 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	130.1 lbs. (59.0 kg)

- 90° V-twin
- Multi-port digital fuel injection
- Compact electronic control unit
- Choke-free operation
- Electronic cold operation enrichment
- Electronic altitude compensation
- High pressure electronic fuel pump
- Water temperature switch
- Magneto spark ignition



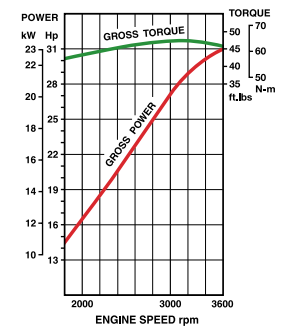
SAE J1995
CERTIFIED
POWER.
An SAE International Standard

FD851D-DFI / 31.0 hp



ENGINE TYPE	Liquid-Cooled V-twin 4-cycle, Digital Fuel Injected, Horizontal Shaft OHV Gasoline Engine
Number of Cylinders	2
Bore x Stroke	3.2 x 3.1 in. (82 x 78 mm)
Displacement	824 cc (50.3 cu. in.)
Compression Ratio	9.0:1
Maximum Power	31.0 hp (23.1 kW) / 3600 rpm
Maximum Torque	47.1 ft. lbs. (63.9 N•m) / 3200 rpm
Oil Capacity	2.1 quart (2.0 liter) w/Filter
Dry Weight (without muffler)	126.8 lbs. (57.5 kg)

- 90° V-twin
- Multi-port digital fuel injection
- Compact electronic control unit
- Choke-free operation
- Electronic cold operation enrichment
- Electronic altitude compensation
- High pressure electronic fuel pump
- Water temperature switch
- Electronic ignition w/spark advancement



SAE J1995
CERTIFIED
POWER.
An SAE International Standard



TRUST IS EVERYTHING.
A PERFECTLY STRIPED LAWN
IS A CLOSE SECOND.

4:56 PM

The engine that powers your zero-turn mower was built in a factory where there is no room for error. And you can tell just by looking at it. The fit and finish of a Kawasaki engine is impressive. The same can be said about the quality of work you do.

FJ/FJ KAI™

AIR-COOLED SINGLE CYLINDER:
VERTICAL SHAFT



Compact, lightweight, quiet and clean-running, FJ engines are ideal for smaller machines and applications where functionality, reliability and convenience are paramount. FJ KAI™ engines are designed for professionals, with a commercial-grade air cleaner and blower housing, heavy-duty recoil assembly, and beefed-up ball-bearing crankshaft support that improves performance and durability.

FJ OPTIONS

- Turf and golf
- Agricultural and industrial
- Construction
- Walk-behind mowers

- Shaft variations
- Fly wheel brake
- Various speed control options
- Spin-on oil filter
- M10 threaded mounting holes
- Fuel tank option

Kawasaki
— ENGINES —

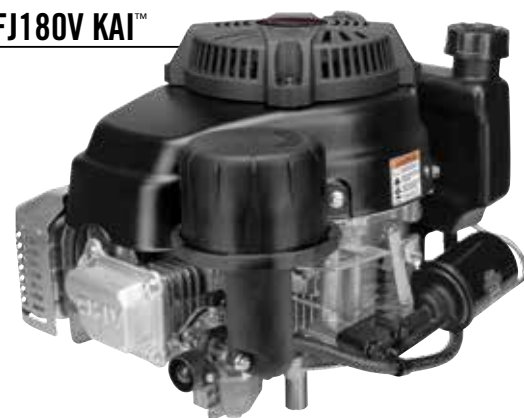
FJ180V



ENGINE TYPE	Forced Air-Cooled 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	1
Bore x Stroke	2.6 x 2.1 in. (65 x 54 mm)
Displacement	179 cc (10.9 cu. in.)
Compression Ratio	8.5:1
Fuel Tank Capacity	1.69 Quart (1.6 liter) Standard
Oil Capacity	0.6 quart (0.6 liter)
Dry Weight	37.5 lbs. (17.0 kg)

- Dual element air cleaner
- Flywheel magneto transistor ignition
- Recoil starter with automatic compression release
- Low-toner muffler with guard
- Fuel shut-off valve
- Cast iron cylinder liner

FJ180V KAI™



ENGINE TYPE	Forced Air-Cooled 4-cycle Vertical Shaft OHV Gasoline Engine
Number of Cylinders	1
Bore x Stroke	2.6 x 2.1 in. (65 x 54 mm)
Displacement	179 cc (10.9 cu. in.)
Compression Ratio	8.5:1
Fuel Tank Capacity	1.9 Quart (1.8 liter) Standard
Oil Capacity	0.6 quart (0.6 liter) w/Filter
Dry Weight	37.26 lbs. (16.9 kg)

- Pressurized lubrication
- Automatic compression release
- Dual element air cleaner
- Rotating grass screen
- Cast-iron cylinder liner and chrome plated piston rings
- Combined crankcase design
- Large sealed fan



NOTHING TYPICAL
ABOUT A TYPICAL DAY.

7:02 PM

You work hard. You work smart. Your choice of engines is a testament to that. You're not alone. Kawasaki brings you proven power, quality, and technology. When your livelihood depends on your equipment, nothing stands up to a Kawasaki. It's the same for thousands of lawn care professionals.

PROTECT YOUR INVESTMENT.



As a pro landscaper, you know that parts that aren't crafted for your Kawasaki engine might work — or might not. They may introduce impurities into precision components, lead to rough running and wasted fuel, and could damage your engine. Why risk it? Instead of aftermarket parts, protect your investment with parts crafted to fit and engineering approved: Kawasaki Genuine Parts. It's the smart way to keep your Kawasaki-powered mowers doing what they do best.

HIGH-PERFORMANCE OIL

Kawasaki oils are specifically formulated for Kawasaki engines, with additives that maintain viscosity, reduce oil consumption, support stay-in-grade performance, and help control foaming and shearing. Kawasaki has oils that are approved for both gasoline and diesel applications.



SAE 10W-40
1 Quart Bottle
99969-6296



SAE 20W-50
1 Quart Bottle
99969-6298



SAE 10W-30
1 Quart Bottle
99969-6081



SAE 30
1 Quart Bottle
99969-6281

OIL FILTERS

Most oil filters look the same on the outside. But inside a Kawasaki filter, a slotted alloy tube protects media integrity and oil flow. A pressure-activated bypass valve prevents cold-start wear and maintains flow in case of blockage. Silicone valves, rubber seals and heavy canister stand up to high temps and severe use. This is engine protection you can count on.



Fits Most Engines
49065-7010



FR/FS/FX
49065-7007

AIR AND FUEL FILTERS

Kawasaki air and fuel filters are designed with media, materials and permeability that match the flow rates, operating pressures and temperatures of your Kawasaki engine. And they fit exactly right.



FS / FT / FX
EFI Fuel Filter
49019-0031

FJ / FR / FS / FX
Carb Fuel Filter
49019-0027

FD Fuel Filter
49019-1055



TUNE-UP KITS

Kawasaki tune-up kits contain high-efficiency air and oil filters, premium engine oil, and spark plugs, all matched to your specific engine. No more searching for parts, or missing what you need — everything is included and it is all designed to make quick work of a critical job.



10W-40 KIT #	20W-50 KIT #	COMPATIBILITY (CARB ENGINES ONLY)
99969-6411	99969-6412	FX921V / 1000V
99969-6419	99969-6420	FX751V / 801V / 850V
99969-6409	99969-6410	FX651V / 691V / 730V
99969-6421	99969-6422	FX481V / 541V / 600V
99969-6425	99969-6426	FR651V / 691V / 730V FS481V / 541V / 600V / 651V / 691V / 730V
99969-6423	99969-6424	FR541V / FR600V
99969-6413	99969-6414	FH601V / 641V / 661V / 680V / 721V / 770D KAI
99969-6407	99969-6408	FH601V / 641V / 661V / 680V / 721V
99969-6417	99969-6418	FH451V / 500V / 531V / 541V / 580V
99969-6415	99969-6416	FH381V KAI / 430V KAI / 480V KAI / 541V KAI / 580V KAI
99969-6427	N/A	FJ180V KAI
SAE30 KIT #	COMPATIBILITY	
99969-6142B	FJ180V (select models)	
99969-6287	FJ180V (select models)	

SHORT BLOCK ASSEMBLIES

Now you can repower your Kawasaki FS or FX Series engine faster and more cost-effectively, with a factory-made short block assembly. Available in nine different sizes, all crafted with the quality and precision of your original Kawasaki engine. Contact your local authorized Kawasaki engines dealer for information and ordering.



PART #	ENGINE APPLICATION	PTO SIZE
59341-0011	FS & FX: 481V / 541V / 600V	1" X 80 mm
59341-0019	FS & FX: 481V / 541V / 600V	1 1/8" X 100 mm
59341-0014	FS & FX: 481V / 541V / 600V	1 1/8" X 108.8 mm
59341-0012	FS & FX: 651V / 691V / 730V	1" X 80 mm
59341-0016	FS & FX: 651V / 691V / 730V	1 1/8" X 100 mm
59341-0017	FS & FX: 651V / 691V / 730V	1 1/8" X 108.8 mm
59341-0013	FX751V / FX801V / FX850V	1 1/8" X 108.8 mm
59341-0015	FX921V / FX1000V	1 1/8" X 100 mm
59341-0018	FX921V / FX1000V	1 1/8" X 108.8 mm

Kawasaki short block assemblies are covered by a 90-day warranty from the retail sale date. For complete warranty details visit kawasakienginesusa.com/kawasaki-warranties

RENEW THE POWER TO IMPRESS.



You don't always have to replace a hard-working mower — renew its power and productivity with a fresh Kawasaki engine. Direct, same-model Kawasaki replacement engines make installation easier. You may be able to upgrade to a different Kawasaki model, revitalizing older equipment. A new Kawasaki engine might even replace another engine brand, giving you renowned Kawasaki reliability and performance.

Kawasaki replacement engines come with a 3-year limited warranty and nationwide Authorized Dealer network support. Ask your dealer about Kawasaki replacement engines, for a cost-effective, well-proven way to get the most from your mowers.

COMPLETE LINE OF 2018 ENGINES

ENGINE MODEL	AIR-COOLED	LIQUID-COOLED	OVERHEAD 90° V-TWIN	SINGLE CYLINDER	TWO CYLINDER	CARBURETED	FUEL INJECTION	HORIZONTAL SHAFT	VERTICAL SHAFT	HORSEPOWER
FD750D		•	•		•	•		•		25.0
FD791D-DFI		•	•		•		•	•		26.0
FD851D-DFI		•	•		•		•	•		31.0
FJ180V	•			•		•			•	179 cc
FJ180V KAI	•			•		•			•	179 cc
FR541V	•		•		•	•			•	15.0
FR600V	•		•		•	•			•	18.0
FR651V	•		•		•	•			•	21.5
FR691V	•		•		•	•			•	23.0
FR730V	•		•		•	•			•	24.0
FS481V	•		•		•	•			•	14.5
FS541V	•		•		•	•			•	15.0
FS600V	•		•		•	•			•	18.5
FS651V	•		•		•	•			•	22.0
FS691V	•		•		•	•			•	23.0
FS730V	•		•		•	•			•	24.0
FS730V-EFI	•		•		•		•		•	25.5
FT730V-EFI	•		•		•		•		•	26.0
FX481V	•		•		•	•			•	15.5
FX541V	•		•		•	•			•	16.5
FX600V	•		•		•	•			•	19.0
FX651V	•		•		•	•			•	20.5
FX691V	•		•		•	•			•	22.0
FX730V	•		•		•	•			•	23.5
FX730V-EFI	•		•		•		•		•	25.5
FX751V	•		•		•	•			•	24.5
FX801V	•		•		•	•			•	25.5
FX850V	•		•		•	•			•	27.0
FX850V-EFI	•		•		•		•		•	29.5
FX921V	•		•		•	•			•	31.0
FX1000V	•		•		•	•			•	35.0

OPTIONAL FEATURES

ENGINE SERIES	FX	FT	FS	FR	FD
Multi Position Recoil Start	•		•		
Bendix Start	•	•	•	•	
Shift Start	•	•			•
Optional Fuel Pump Side Muffler	•		•	•	•
Optional Oil Filter Side Muffler	•		•	•	
15 Amp Charging System	•		•	•	
20 Amp Charging System	•				•
30 Amp Charging System		•			•
Clutch Coil Charging System	•		•		
Tune-up Kit Available	See Pg. 31		See Pg. 31	See Pg. 31	See Pg. 31
Filter Minder Available	•				•
Short Block Available	See Pg. 31		See Pg. 31		

CRANK SHAFT SIZE OPTIONS	
FX Series	1" x 80 mm, 1 1/8" x 100 mm, 1 1/8" x 108.8 mm
FT Series	1" x 80 mm, 1 1/8" x 108.8 mm
FS Series	1" x 80 mm, 1 1/8" x 108.8 mm
FR Series	1" x 80 mm

Kawasaki

ENGINES



Kawasaki was the first turf engine to be SAE Certified for consistent, accurate horsepower. Critical Power is rated per SAE J2723, the tightest standard in the industry, so you get all the hard-working power you expect. Kawasaki was the first turf engine to apply this standard, the first to achieve third-party power verification, and the first SAE Certified turf engine. We insist on the best. Just like our customers.

Only the SAE Certified engines listed in this brochure have been tested in accordance with SAE J1995, verified by TÜV Rheinland Group, horsepower-rated in accordance with SAE J2723, and certified by SAE International. Actual power and torque output will vary depending on numerous factors, including, but not limited to, the operating speed of the engine in application, environmental conditions, maintenance, and other variables.

Non-Certified Engines

The gross power ratings of these engines are referenced for OEM customers. Kawasaki does not intend this information to accompany the engine and/or the lawnmower at the time of retail sale to a consumer. The gross power ratings were determined by using measurements according to SAE J1995 as rated by Kawasaki, not witnessed by a third party tester. Actual power output will vary depending on numerous factors, including, but not limited to, the operating speed of the engine in application, environmental conditions, maintenance, and other variables.

Kawasaki

— ENGINES —

THE TRUSTED ONE

THE ENGINE TRUSTED
BY MORE LAWN CARE
PROFESSIONALS.*

You don't know what you're capable of until you have the right tools. Kawasaki brings you the engines that set the bar for the way you operate your business. Proven power. High quality. Advanced technology. Dependable service. That's why Kawasaki continues to be the engine of choice wherever there's grass to mow. That's why you buy The Trusted One.

** According to survey of lawn care professionals conducted in 2016 by Orman Guidance, Inc., an independent research firm commissioned by Kawasaki Motors Corp., U.S.A.*

P/N 99969-6448

©2017 KAWASAKI MOTORS CORP., U.S.A.
PRINTED IN THE U.S.A.

WWW.KAWASAKIENGINESUSA.COM