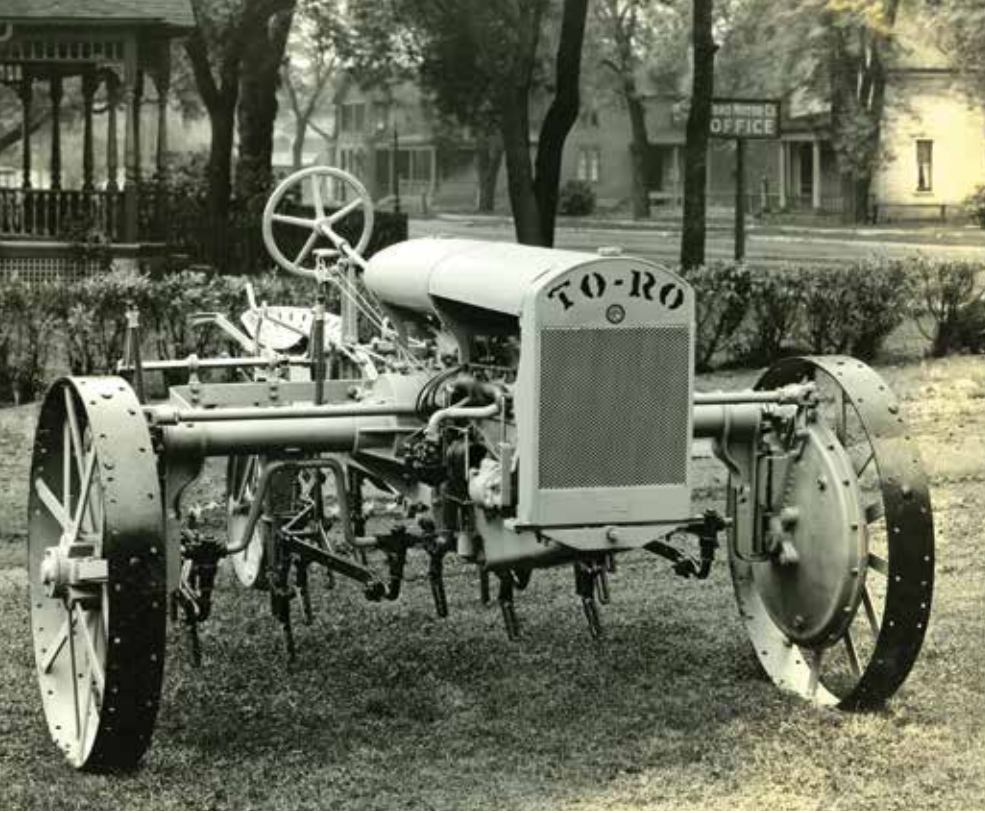




TORO® ENGINES

ZERO TURN MOWERS / WALK MOWERS / SNOW BLOWERS





THE PERFECT MATCH

Engines ... it's where the Toro story started over a century ago and one reason we continue to excel today. Since 1914, we've earned our reputation based on a winning legacy of dependability, durability, and intelligent design. Creating our engines from the ground up is how we ensure their peak performance. Built for longevity and raw power, Toro engines are perfectly matched to maximize performance of the product they power. When the two combine, you have a powerful ally on your side to tackle your toughest outdoor tasks.

FULL PRESSURE LUBRICATION SELF-CLEANING AIR BOX
CAST IRON CYLINDER SLEEVE QUICK DRAIN OIL ROSE



TESTED, PROVEN PERFORMANCE

We take quality control very seriously. Before each Toro engine leaves the assembly line, it is tested under load and checked for power levels and governor response to ensure consistent peak performance. Components are held to tight tolerances to ensure consistent production. In addition, all of our engines undergo multiple testing cycles before they're approved.

TORO®

ZERO TURN MOWER ENGINES

THE RIGHT ENGINE FOR YOUR MOWER

The Toro® single cylinder and Toro commercial V-Twin engines were specifically created to deliver optimal performance in our mowers by matching the torque curve of the engines to the needs of the Toro cutting decks they power. Their intelligent design and tight tolerances help the governor respond faster with more power when you need it, so you're ready to handle your toughest outdoor tasks. With heavy-duty components and innovative features, it's the perfect match for the job you need to do. And, the Toro V-Twin is backed by Toro's Commercial Warranty.



TWO-BARREL CARBURETOR

The two-barrel carburetor allows a stream of air and fuel mixture to be dedicated to each cylinder separately for maximum power and performance.

Available on V-Twin engines only.



» QUICK-DRAIN OIL HOSE

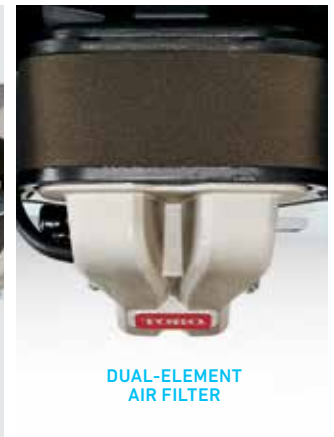
Just pop the hose out of its holder to drain the oil and pop it back in its holder when finished, no tools required.

Available on V-Twin engines only.



VACUUM OVERRIDE CHOKE

Once the engine starts, the choke is overridden automatically — allowing for smoother starts.



DUAL-ELEMENT AIR FILTER

» SELF-CLEANING AIR FILTER HOUSING

This patent-pending system features a self-cleaning air filter housing with a dual-element air filter and a sloped floor that keeps debris out of the engine — maximizing filter life and engine performance.



Look for this blue icon throughout the brochure pointing you to innovative and smart features from Toro.

HEAVY-DUTY CONSTRUCTION

ZERO TURN MOWER ENGINE BENEFITS

Our expanding lineup of custom-tuned Toro engines power many of our zero turn mowers. Look for them on select Toro TimeCutter® and commercial-grade TimeCutter HD and TITAN® HD zero turn mowers. When you match a Toro engine with a Toro mower, you'll get optimal performance with a fast response, so you can power through tough conditions and get a professional quality of cut.



ENGINE	Toro® OHV*	Toro® Commercial V-Twin with Self-Cleaning Air Filter Housing*	
DISPLACEMENT	452cc	708cc	708cc
HORSEPOWER	N/A	22.5	24.5
MODELS	TimeCutter® SS TimeCutter MX TimeCutter SW	TimeCutter MX TimeCutter HD	TimeCutter SS TimeCutter MX TimeCutter SW TimeCutter SWX TimeCutter HD TITAN HD 1500

* The gross horsepower of this engine was laboratory rated at 3600 RPM per SAE J1940 by the engine manufacturer. As configured to meet safety, emission and operating requirements, the actual engine horsepower on these mowers will be significantly lower.



SCAN NOW TO WATCH A VIDEO ON TORO® ENGINES



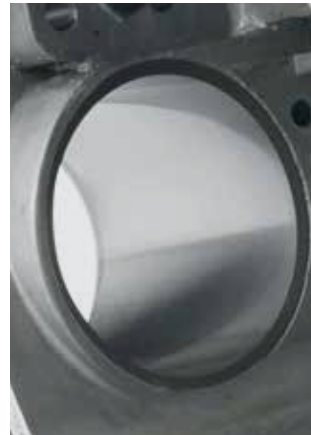
AUTOMOTIVE-STYLE PISTON ASSEMBLY

Triple ring design reduces engine oil consumption and blowby for maximum power.



5-BOLT HEADS

Provide tighter seal for added durability.



CAST-IRON CYLINDER LINERS

Durable construction delivers extended wear for longer engine life.



HEAVY-DUTY AIR CLEANER HINGE

Tough components are built to last for added longevity.
Available on V-Twin engines only.

WALK MOWER ENGINES

INTELLIGENT DESIGN TO GET THE JOB DONE

Toro® walk-power mower engines have a special governor design that delivers more usable power faster when put under load. And the auto-choke feature means there's no need to choke or prime the engine — it's backed by Toro's Guaranteed-to-Start® promise.*



WALK-POWER ENGINE BENEFITS:

OVERHEAD VALVE (OHV) DESIGN. OHV engines are more efficient and burn cleaner than side-valve engines.

MAXIMUM ENGINE LIFE. Superior airflow and engine block design help the engine run cooler than other leading engines.

QUIET OPERATION. Low-tone muffler keeps noise down.

ADDED PROTECTION. Dual element air filter helps extend the life of the engine.

AUTO CHOKE SYSTEM. Ensures consistent, easy starting backed by our Guaranteed-to-Start® warranty.

Available on walk-power models only.

ENGINE	Toro® TXP OHV with AutoChoke
DISPLACEMENT	159cc
MODELS	Recycler® Super Recycler®

ALL TORO ENGINES OFFER LEGENDARY DEPENDABILITY

Toro engines feature rugged construction for years of dependable performance — just as you'd expect. Highlights include:

- Overhead valve design
- Cast-iron cylinder liner
- Triple piston rings
- Die-cast connecting rod
- Hardened valve guides
- Automatic compression release
- Durable recoil assemblies

MORE POWER FOR HEAVY SNOW

Toro's snow engines give you the performance you need to clear snow quickly and efficiently. The heavy flywheel delivers more inertia under load to help the engine plow through heavier snow.



SNOW ENGINE BENEFITS:

QUIET OPERATION. Tuned mufflers keep noise down.

BUILT FOR DEMANDING CONDITIONS. Heavy flywheel delivers more inertia under load to help the engine plow through heavier snow.

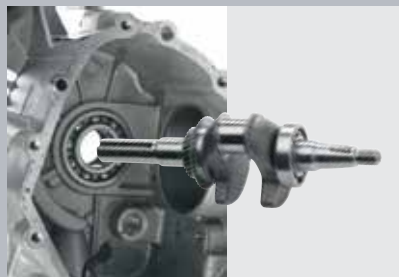
MAXIMUM ENGINE LIFE. Superior airflow and engine block design help the engine run cooler than other leading engines.

ENGINE	Toro® OHV	Toro OHV	Toro OHV	Toro OHV	Toro OHV
DISPLACEMENT	99cc	212cc	252cc	265cc	302cc
MODELS	PowerClear® 518	PowerClear 721 SnowMaster® 724 ZXR / QXE Power Max® 724OE	SnowMaster 824 QXE Power Max 826 OE / OXE Power Max® HD 826 OXE	PowerMax HD 928 OHXE	PowerMax HD 1028 OHXE



CAST-IRON CYLINDER LINER

Cast-iron cylinder liner increases wear resistance for longer engine life.



DUAL OVERSIZED CRANKSHAFT BEARINGS

Oversized crankshaft bearings create less friction and promote longer engine life.

Select models.



TRIPLE PISTON RING DESIGN

Triple piston ring design reduces engine oil consumption and blowby for maximum power.



WHEN WE SAY **COUNT ON IT**, WE MEAN IT

Every product that carries the Toro brand is backed by over 100 years of history, innovation and timeless dependability. We never stop investing in research and development to give our customers the latest features. That's why Toro is one of the best-known, most trusted brands in the business – and why your next mower should be a Toro. We also stand behind our products with a nationwide network of knowledgeable dealers for parts and service support. **Real People. Real Support.**

Smart Features. Proven Dependability.



Count on it.



**LOOK BEFORE
YOU PUMP!**
USE E10 E85 FUEL
Ethanol Percentage
E10 E85 10% - 85%

LookBeforeYouPump.com



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