

VANGUARD 400 (25V20) ELECTRIC START ENGINE

PART NUMBER: 85.540.141

- **Vanguard 400 engines** are designed with numerous practical innovations that provide exceptional power, ease of use, and less maintenance.
- **Electric start** harness with key system, starter motor and solenoid already set up makes starting the engine very easy.
- **Cyclonic Air Filter** has increased efficiency, which keeps the engine running cleaner and longer. The filter is also self-cleaning, requiring less maintenance.
- **Replacement engine** for equipment that accepts a keyed, 1" horizontal shaft.
- **Air cooled, 4-stroke, Over Head Valve (OHV)** design enables higher compression ratio to obtain greater power output.
- **Designed for field maintenance** with easily accessible components like the air filter, spark plug, carburetor and multiple oil ports.
- **Automatic low-oil sensor** will shut down the engine if the oil level drops to dangerous levels.
- **Fuel recommended** to use is regular unleaded that is 86 octane or more. It is best to use fuel with no ethanol, but ethanol blends of up to 10% are acceptable.
- **Common applications include:** Pressure washers, generators, water pumps, air compressors, lawn and garden equipment, tillers, and construction equipment.



Scan the QR code with your mobile device and discover more about this engine.

ENGINE SPECS

MODEL:	VANGUARD 400 (25V20)
CYLINDERS:	SINGLE
COOLING:	AIR COOLED
TYPE:	4-STROKE OHV
DISPLACEMENT:	408 CC
NET POWER:	14 HP @ 3,600 RPM
COMPRESSION RATIO:	8.3:1
START SYSTEM:	RECOIL/ELECTRIC
SHAFT TYPE:	KEYED 1" HORIZONTAL
SHAFT ROTATION:	COUNTER CLOCKWISE
COIL CHARGE:	20 AMPS

FUEL AND OIL SPECS

FUEL TYPE:	UNLEADED GASOLINE
MIN OCTANE:	86
MAX ETHANOL:	10%
FUEL TANK CAPACITY:	5.1 L / 1.5 US GAL
OIL TYPE:	SAE 10W30
OIL CAPACITY:	0.95L / 1.0 US QTS
LUBRICATION:	FORCED SPLASH

WARRANTY

BASIC:	3 YEARS
REGISTERED:	5 YEARS

PALLET QUANTITY

PALLET TYPE:	#3
QUANTITY:	24

UNIT SIZE



UNIT WEIGHT: **78 LBS**

01-2023