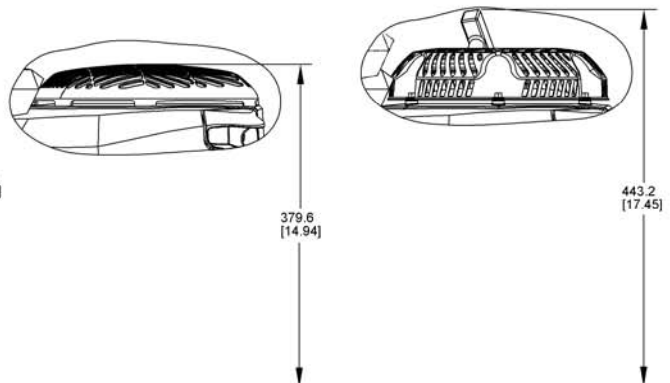
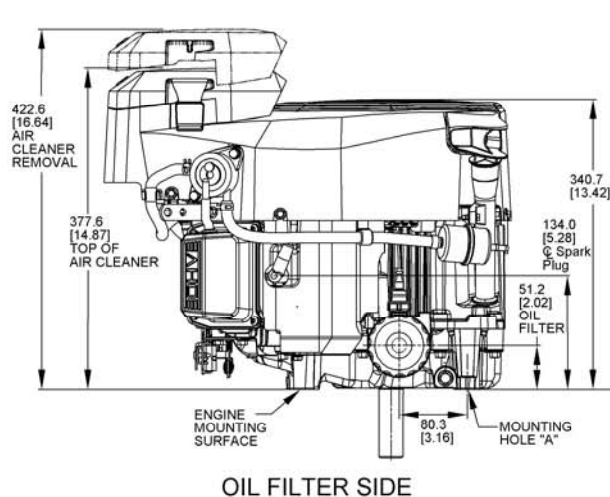
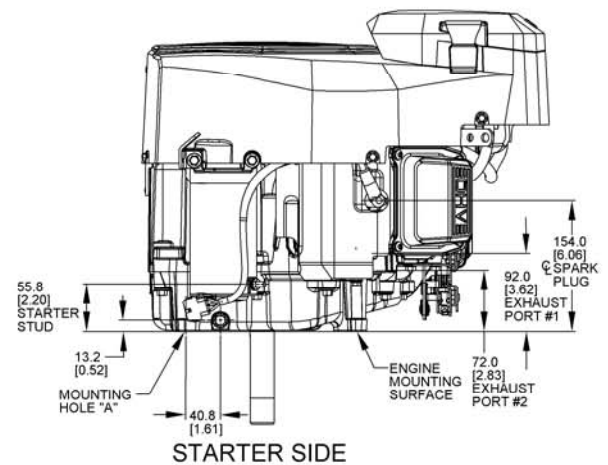
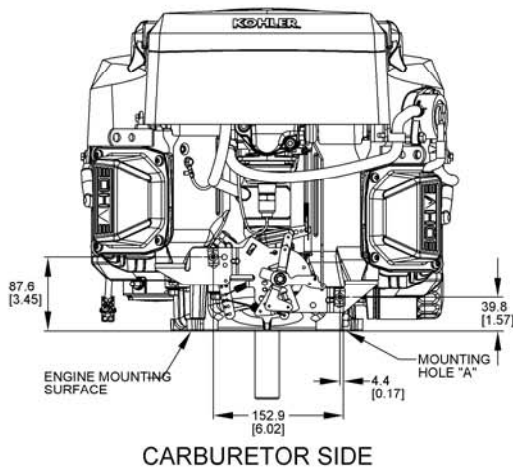
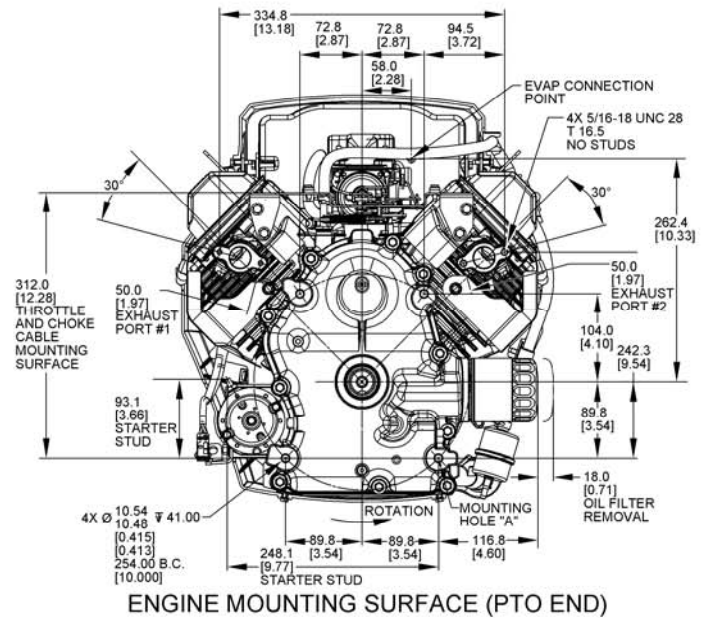
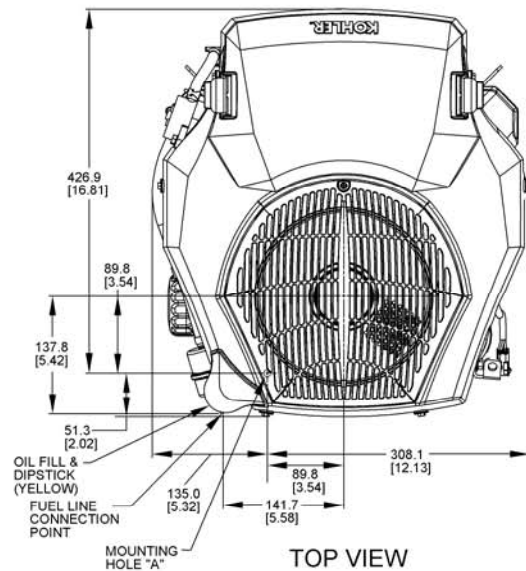


### Engine Dimensions with Low-Profile Air Cleaner

Dimensions in millimeters.  
Inch equivalents shown in [ ].



Technical drawing of the top view of a Kohler engine. The drawing shows the engine's cooling fan, mounting points, and various service points. Dimensions are provided in inches and millimeters.

Dimensions:

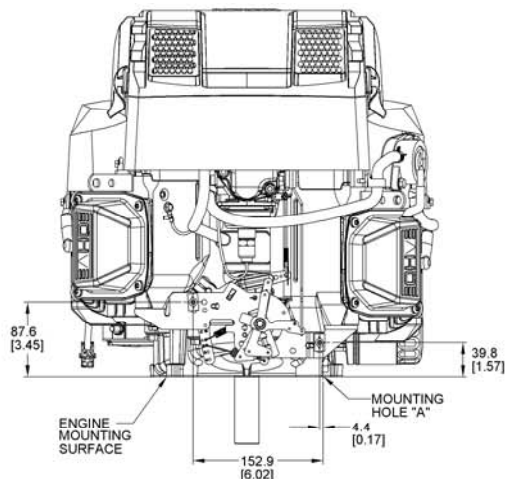
- Overall width: 308.1 [12.13]
- Overall height: 426.9 [16.81]
- Distance from top to fuel line connection point: 137.8 [5.42]
- Distance from fuel line connection point to mounting hole "A": 51.3 [2.02]
- Distance from mounting hole "A" to oil fill & dipstick (yellow): 89.8 [3.54]
- Distance from mounting hole "A" to fuel line connection point: 141.7 [5.58]
- Distance from mounting hole "A" to oil fill & dipstick (yellow): 135.0 [5.32]
- Distance from mounting hole "A" to fuel line connection point: 89.8 [3.54]

Labels:

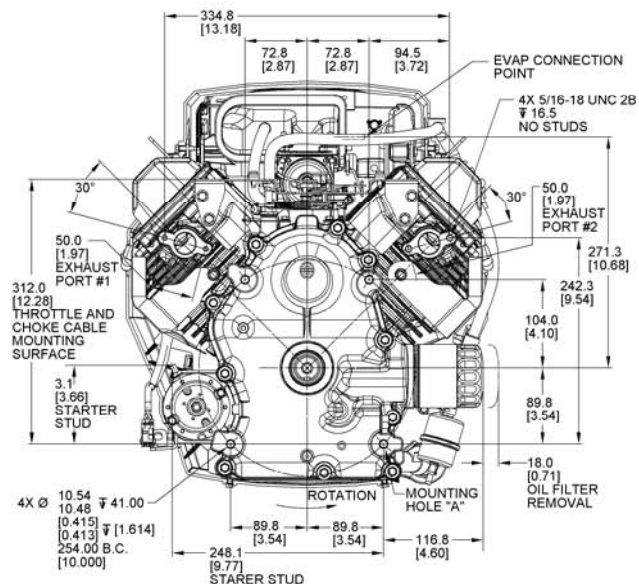
- OIL FILL & DIPSTICK (YELLOW)
- FUEL LINE CONNECTION POINT
- MOUNTING HOLE "A"

TOP VIEW

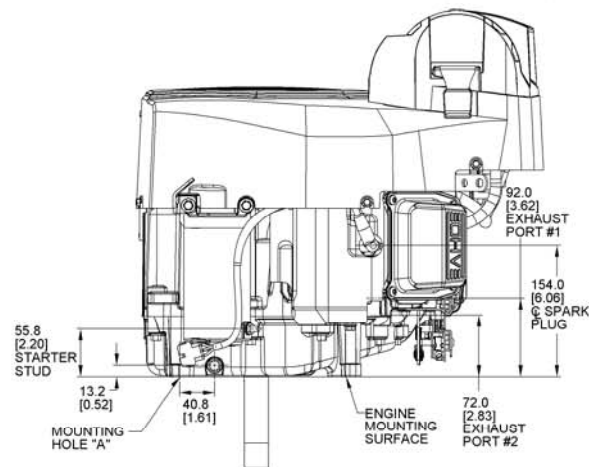
TOP VIEW



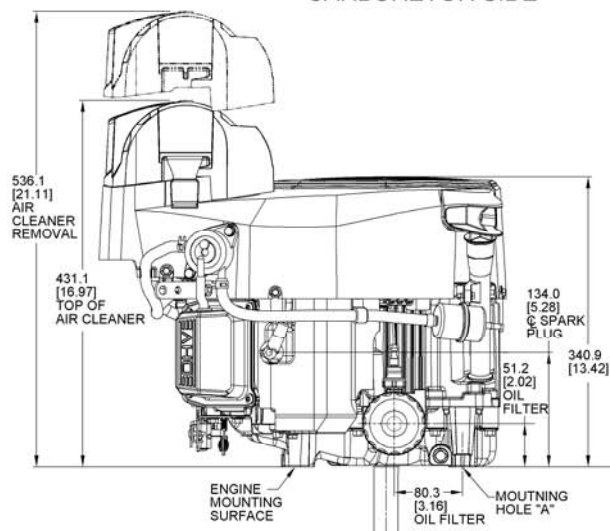
CARBURETOR SIDE



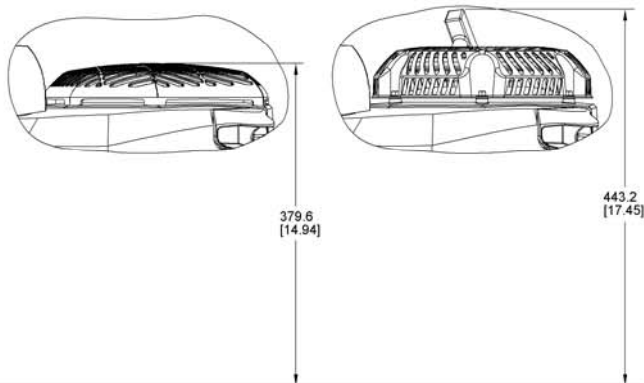
ENGINE MOUNTING SURFACE (PTO END)



STARTER SIDE

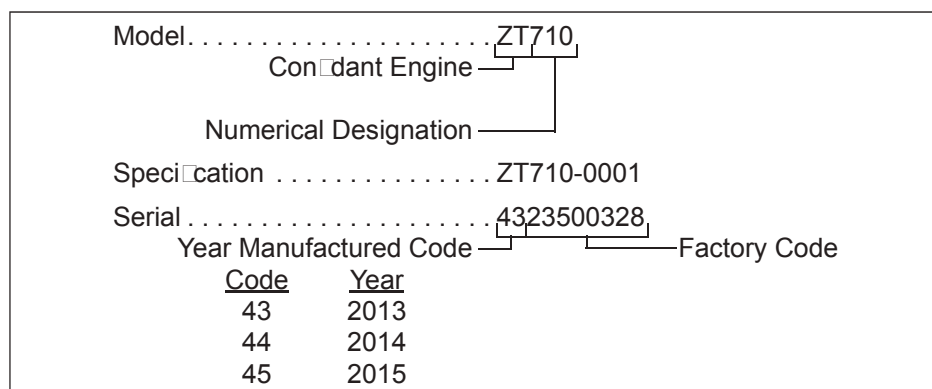


OIL FILTER SIDE



## ENGINE IDENTIFICATION NUMBERS

Kohler engine identification numbers (model, specification and serial) should be referenced for efficient repair, ordering correct parts, and engine replacement.



## GENERAL SPECIFICATIONS<sup>3,6</sup>

	ZT710	ZT720	ZT730	ZT740
Bore	83 mm (3.27 in.)			
Stroke	67 mm (2.64 in.)		69 mm (2.72 in.)	
Displacement	725 cc (44 cu. in.)		747 cc (46 cu. in.)	
Oil Capacity (reill)	1.6-1.8 L (1.9-2.1 qt.)			
Maximum Angle of Operation (@ full oil level) <sup>4</sup>	25°			

## TORQUE SPECIFICATIONS<sup>3,5</sup>

TORQUE SPECIFICATIONS <sup>3,5</sup>		ZT710	ZT720	ZT730	ZT740
Base and Sheet Metal into Aluminum					
M5 Thread Forming Fasteners		8.5 N·m (75 in. lb.) into new hole 4.0 N·m (35 in. lb.) into used hole			
M6 Thread Forming Fasteners		10.7 N·m (95 in. lb.) into new hole 7.3 N·m (65 in. lb.) into used hole			
Blower Housing and Sheet Metal					
M3 HI-LO Screw		2.3 N·m (20 in. lb.)			
M4 HI-LO Screw		2.8 N·m (25 in. lb.)			
M5 Thread Forming Fasteners		3.4 N·m (30 in. lb.)			
Carburetor					
Mounting Nut		6.2-7.3 N·m (55-65 in. lb.)			
Connecting Rod					
Cap Fastener (torque in increments)		11.3 N·m (100 in. lb.)			

<sup>3</sup> Values are in Metric units. Values in parentheses are English equivalents.

<sup>4</sup> Exceeding maximum angle of operation may cause engine damage from insufficient lubrication.

<sup>5</sup> Lubricate threads with engine oil prior to assembly.

<sup>6</sup> Any and all horsepower (hp) references by Kohler are Certified Power Ratings and per SAE J1940 & J1995 hp standards. Details on Certified Power Ratings can be found at KohlerEngines.com.