

New Holland Boomer 3040 CVT, Boomer 3045 CVT, Boomer 3050 CVT Compact Tractors Service Repair Manual (Part number 84126855 04/2009)

GENERAL	3040	3045	3050
Engine Model	N844	N844L	N844L
Number of Cylinders	4	4	4
Bore x Stroke	84 x 90 mm (3.31 x 3.54 in.)	84 x 100 mm (3.31 x 3.94 in.)	84 x 100 mm (3.31 x 3.94 in.)
Displacement	2.0 L (121.7 cu. in.)	2.2 L (135.2 cu. in.)	2.2 L (135.2 cu. in.)
Compression Ratio	22.5:1	22.5:1	22.5:1
Rated Speed (rpm)	2600	2600	2800
Firing Order	1-3-4-2	1-3-4-2	1-3-4-2
Low Idle Speed	1025 rpm	1025 rpm	1050 rpm
Maximum No-Load Speed	2850 rpm	2850 rpm	3050 rpm
Cylinder Arrangement	In-Line Vertical	In-Line Vertical	In-Line Vertical
Valve Arrangement	Overhead	Overhead	Overhead
Compression Pressure at 200 rpm (cylinder speed)	29.4 ± 1.8 bar (427 ± 50 psi)	29.4 ± 1.8 bar (427 ± 50 psi)	29.4 ± 1.8 bar (427 ± 50 psi)
CYLINDER BLOCK	N844	N844L	N844L
Bore			
Standard	84.0 mm (3.3071-3.3078 in.)	84.0 mm (3.3071-3.3078 in.)	84.0 mm (3.3071-3.3078 in.)
Maximum	84.2 mm (3.3150 in.)	84.2 mm (3.3150 in.)	84.2 mm (3.3150 in.)

