









CATERPILLAR INC.		IMPORTANT ENGINE INFORMATION			3004	3PG01396
ENGINE MODEL: 345B		DISPLACEMENT:	15.8 L	VALVE LASH:	0.38 mm INTAKE 0.38 mm EXHAUST	
ENGINE FAMILY	MAXIMUM ADVERTISED kW (HP)	MAXIMUM RATED SPEED (RPM)	MAXIMUM CRUISE SPEED (RPM)	MAX. FUEL RATE (GPM) (L/H)	MAXIMUM INITIAL TIMING DEGREES BTDC	EXHAUST EMISSION CONTROL SYSTEM
4CYL 15 B3H	507 (1 580)	2100	1200	420	ELECTRONIC	EM 21 TO ECM CAC

THIS 345B ENGINE CONFORMS TO 2004 U.S. EPA AND CALIFORNIA REGULATIONS LARGE NON-ROAD COMPRESSION IGNITION ENGINES. THIS ENGINE IS CERTIFIED TO OPERATE AT CONSTANT SPEED ONLY AND ON COMMERCIALY AVAILABLE DIESEL FUEL AND TO THE FAMILY EMISSION LIMIT (FEL) OF PM: 0.18 (GM) AND NO: 3.4 (GPM) FOR U.S. EPA CERTIFIED ENGINES ONLY.

7E 805 07



CAT	SER. NO. 3PG01396	ENGINE MODEL 345B
CERT. NO.		MAX. W. ALT. FT.
MODIFICATION NO.		
AR NO. 235-4668	ECM SOFTWARE 203-3259	
CORE AR	PERF SPEC. 0K-3091	
OEM NO.		
FLS (INTERCEPT) 53	FTS (SLOPE) 33	
AR 434 HP	324.0 kW MAX	
USE TOOL TO VERIFY CURRENT ENGINE SETTINGS		







ASCO®

Power Transfer Switch

EMERSON
Network Power

Transfer Switch Position

Normal
Emergency



Source Accepted

Normal
Emergency



Transfer
Test

Press for 15 sec.

Bypass
Time Delay

Set Engine
Exercise



Press until
light **FLASHES**