

SYSTEMS DATA [NAC214P]**SEPTEMBER 21, 2020**For Help Desk Phone Numbers [Click here](#)

Reference Number: P4514A

Version Symbol:

Change Level:

Sales Model: C4.4 DI TA AA

Eff. Serial Number Prefix:

Engr. Model:

Description	Answer	Unit
Air Intake System		
The installed system must comply with the system limits below for all emissions certified engines to assure regulatory compliance.		
MAX ALLOW INTAKE RESTR W/CLEAN ELEMENT	12.1	IN WTR
MAX ALLOW INTAKE RESTR W/DIRTY ELEMENT	20.1	IN WTR
ALLOW PRESS DROP-COMPR OUT TO MANF IN	3.0	IN HG
MAX TURBO INLET AIR TEMPERATURE	77	DEG F
Cooling System		
ENGINE ONLY COOLANT CAPACITY	0.0	GAL
REGULATOR START-TO-OPEN TEMP	180	DEG F
REGULATOR FULL OPENING TEMPERATURE	207	DEG F
Engine Spec System		
CYLINDER ARRANGEMENT		
NUMBER OF CYLINDERS	4	CYL
CYLINDER BORE DIAMETER	4.1339	IN
PISTON STROKE	5.0000	IN
TOTAL CYLINDER DISPLACEMENT	269	CU IN
COMPRESSION RATIO (TO ONE)	16.7	
CRANKSHAFT ROTATION (FROM FLYWHEEL END)	CCW	
CYLINDER FIRING ORDER		
STROKES/COMBUSTION CYCLE	4	STROKES
Exhaust System		
The installed system must comply with the system limits below for all emissions certified engines to assure regulatory compliance.		
Fuel System		
MAX ALLOW FUEL SUPPLY LINE RESTRICTION	11.8	IN HG
MAX ALLOW FUEL RETURN LINE RESTR	14.8	IN HG
FUEL SYSTEM TYPE		
Lube System		
MAXIMUM ALLOWABLE OIL TEMP	257	DEG F
MIN LI OP W/SAE 10W30 OIL @ 99 DEG C	0.0	PSI
Mounting System		
ENG WET WT W/OIL AND WATER W/O FUEL	988	LB
DRY WT ENG ONLY (DRAINED OF FLUIDS)	968	LB
ENGINE LENGTH	53.4645	IN
ENGINE HEIGHT	42.7952	IN
ENGINE WIDTH	29.3700	IN
Starting System		

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