

SYSTEMS DATA [NAC185P]**AUGUST 25, 2020**For Help Desk Phone Numbers [Click here](#)

Reference Number: P4364A

Version Symbol:

Change Level:

Sales Model: C7.1 DI TA AA

Eff. Serial Number Prefix:

Engr. Model:

Description	Answer	Unit
<i>Air Intake System</i>		
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	16.1	IN WTR
MAX ALLOW INTAKE RESTR W/DIRTY ELEMENT	32.1	IN WTR
ALLOW PRESS DROP-COMPR OUT TO MANF IN	3.0	IN HG
MAX TURBO INLET AIR TEMPERATURE	77	DEG F
<i>Cooling System</i>		
ENGINE ONLY COOLANT CAPACITY	0.0	GAL
REGULATOR START-TO-OPEN TEMP	180	DEG F
REGULATOR FULL OPENING TEMPERATURE	203	DEG F
<i>Engine Spec System</i>		
CYLINDER ARRANGEMENT		
NUMBER OF CYLINDERS	6	CYL
CYLINDER BORE DIAMETER	4.1339	IN
PISTON STROKE	5.3149	IN
TOTAL CYLINDER DISPLACEMENT	428	CU IN
COMPRESSION RATIO (TO ONE)	16.7	
CRANKSHAFT ROTATION (FROM FLYWHEEL END)	CCW	
CYLINDER FIRING ORDER	1-5-3	
CYLINDER FIRING ORDER - CONTINUED	6-2-4	
STROKES/COMBUSTION CYCLE	4	STROKES
<i>Exhaust System</i>		
The installed system must comply with the system limits below for all emissions certified engines to assure regulatory compliance.		
<i>Fuel System</i>		
MAX ALLOW FUEL SUPPLY LINE RESTRICTION	29.6	IN HG
MAX ALLOW FUEL RETURN LINE RESTR	29.6	IN HG
FUEL SYSTEM TYPE		
<i>Lube System</i>		
MAXIMUM ALLOWABLE OIL TEMP	257	DEG F
MIN LI OP W/SAE 10W30 OIL @ 99 DEG C	0.0	PSI
<i>Mounting System</i>		
ENG WET WT W/OIL AND WATER W/O FUEL	1,495	LB
DRY WT ENG ONLY (DRAINED OF FLUIDS)	1,437	LB
ENGINE LENGTH	45.7086	IN
ENGINE HEIGHT	34.8424	IN
ENGINE WIDTH	28.3858	IN
<i>Starting System</i>		

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