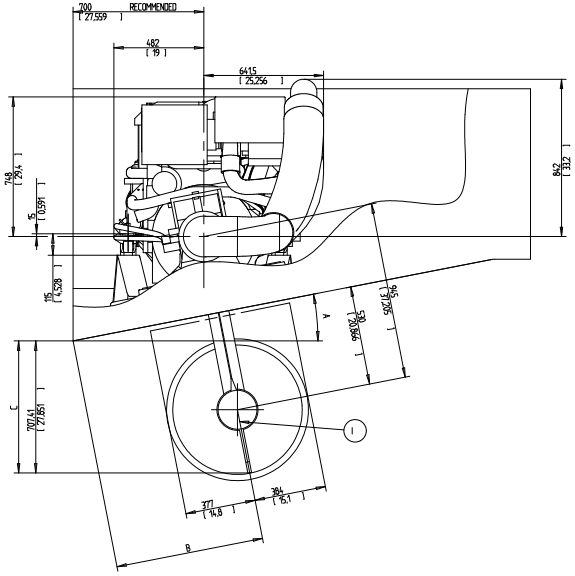
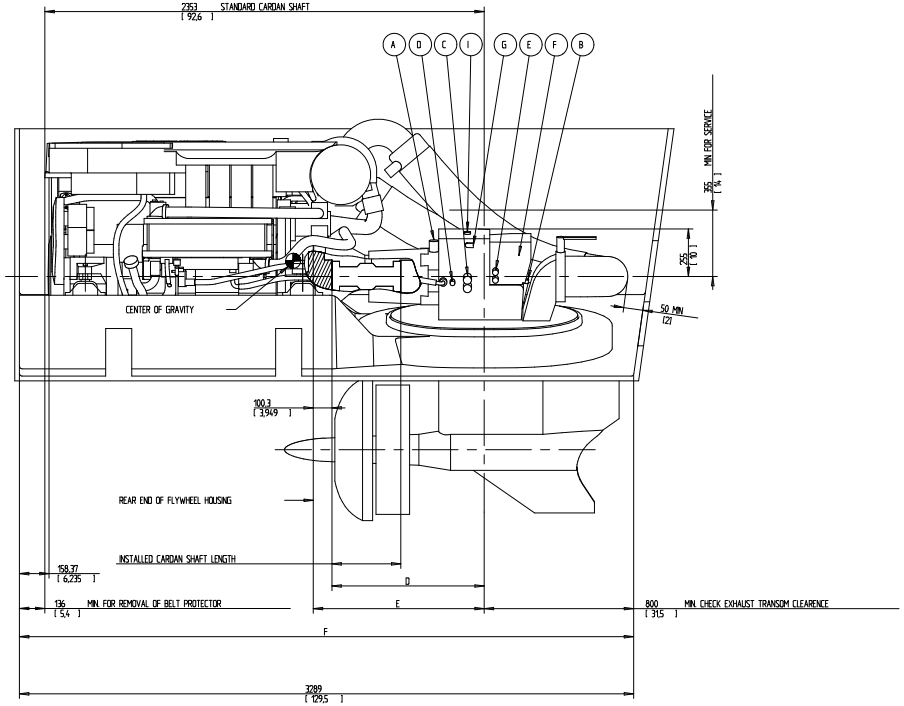
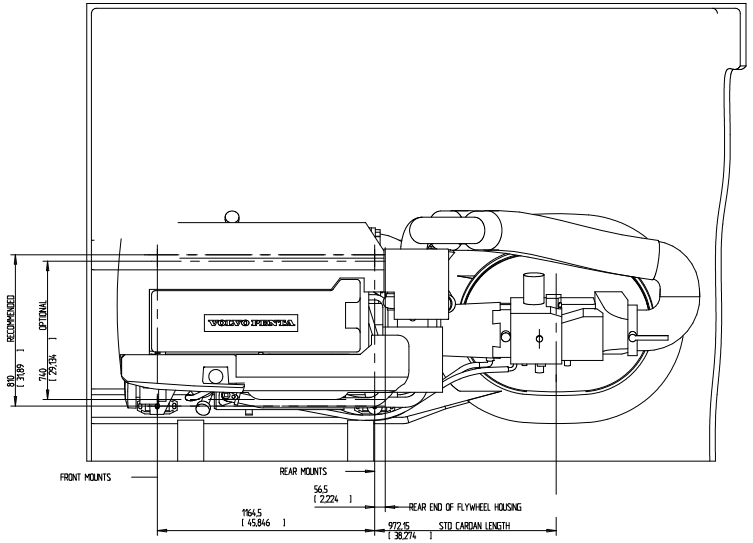
Engineering Release Date/Sign	Location	Change description	P/A	Modified	NO
			1 . 5		
			D 2 . 2		
D 9419-19	J 2	4419-4519 M 4419-4119			

RELEASED

2019-06-21







SCALE 1:10

CARDAN LENGTH	D	E	F
STD 370 ±15mm	816 ±15	916 ±15	3289 ±15
700-800mm	1146-1246	1246-1346	3619-3719
1100-1200mm	1546-1646	1646-1746	4019-4119
1500-1600mm	1946-2046	2046-2146	4419-4519
1900-2000mm	2346-2446	2446-2546	4819-4919
2400-2500mm	2846-2946	2946-3046	5319-5419

A*	B	C
7	756	776
8	765	760
9	774	743
10	784	726
11	794	708
12	804	689
13	814	670
14	825	650
15	836	629
16	847	608
17	859	587
18	871	564
19	883	541
20	896	515
21	909	493

IPS UNIT

(I) OIL DRAIN (2x)

(G) CONNECTION RPM SENDER

(F) CONNECTION ELECTRICAL CONTROL

(E) CONNECTION BATTERY POS. AND NEG.

(D) CONNECTION OIL TEMP./PRESSURE

(C) CONNECTION, SHIFT SOLENOIDES

(B) OIL DIPSTICK GEAR BOX

(A) OIL FILLER GEAR BOX

FOR EASY INSTALLATION, USE ENGINE/IPS BED INSTALLATION TOOL

ENGINE

SEE DIMENSION DRAWING FOR ENGINE

The copyright, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for payment of damages. All rights reserved in the event of the grant of a patent, utility model or ornamental design registration.

SYMBOLS, DEFINITIONS AND GENERAL DRAWING PRINCIPLES STD 191-0002

Document title
DIMENSION DRAWING
IPS 3 WITH D13

Document type

Owner domain/Document prefix

VOLVO PENTA

Document No.
3591847

Issue index
02

Sheet No.
1 (1)