

Dorman SE/Perkins 4000 Series Engine Designations



General Number Format

The general format is: **A A B B C D / Y Y W W / N N N**
 Example: **0 6 2 3 2 1 / 8 9 2 6 / 0 0 1**

Engine Number Format	Description	Example
AA	Represents the number of engine cylinders	06 for 6 cylinder engine 08 for 8 cylinder engine 12 for 12 cylinder engine 16 for 16 cylinder engine
BB	Represents the engine family	04 for LE engine range 23 for 6SE engine range
Refer to the Engine Families section for full details		
C	Represents the engine type variant	2 = TCA Turbocharged diesel engine with charge air to air cooling 3 = TCW Turbocharged diesel engine with air to water cooling via a secondary water circuit
D	Represents the engine power rating	1 = original power rating, eg SETCA 2 = first revision, eg SETCA1 3 = second revision, eg SETCA2
YY	Represents the year of build	89 = 1989 91 = 1991
WW	Represents the week of build within the year	26 = production week 27 = production week
NNN	Represents the number of engines built within an engine cylinder family within the year	A numerical sequence number commencing 001 of each year of engine within a family, ie 6 cylinder SE

Engine Families

Number	Engine Family
Industrial	
23	SE (6 and 8 cylinder industrial engines)
33	SEV (12 and 16 cylinder industrial engines)
Marine	
24	SE (6 and 8 cylinder marine Sea King engines)
34	SEV (12 and 16 cylinder marine Sea King engines)

When Perkins Engines Company Limited acquired Dorman Diesels of Stafford, they incorporated the SE engines into the Perkins system as the 4000 Series. The following list shows the Dorman engine types and the Perkins equivalent designations.

Engine Plate Ref	Dorman Type	Perkins Type
23 - SE Industrial Engines (Diesel)		
062311	6SET	4006TG
062321	6SETCA1	4006TAG1
062322	6SETCA2	4006TAG2
062323	6SETCA3	4006TAG3
062331	6SETCW	4006TEG
062391	6SETCR	4006TWG
062393	6SETCR3	4006TWG3
082321	8SETCA	4008TAG
082322	8SETCA1	4008TAG1
082323	8SETCA2	4008TAG2
082392	8SETCR2	4008TWG2
23 - SE Industrial Engines (Gas)		
06234	6SEG	4006SI *
062371	6SETCWG	4006TESI *
082371	8SETCWG	4008TESI *
* Minnox 200, 140 LC or 140-75 HC qualifications are added as required		
33 - SEV Industrial Engines (Diesel)		
123321	12SETCA	4012TAG
123322	12SETCA1	4012TAG1
123323	12SETCA2	4012TAG2
123331	12SETCW	4012TEG
123332	12SETCW2	4012TEG2
123391	12SETCR	4012TWG
163321	16SETCA	4016TAG
163322	16SETCA1	4016TAG1
163323	16SETCA2	4016TAG2
163331	16SETCW	4016TEG
163332	16SETCW2	4016TEG2
163391	16SETCR	4016TWG
33 - SEV Industrial Engines (Gas)		
123371	12SETCWG	4012TESI *
163371	16SETCWG	4016TESI *
* Minnox 200, 140 LC or 140-75 HC qualifications are added as required		
24 - SE Marine Sea King Engines		
SK6X	062411 SK6T/2 062412	
SK6	If TCW cooling then 062431 or if TCR cooling then 062491	
SK8	If TCW cooling then 082431 or if TCR cooling then 082491	
34 - SEV Marine Sea King Engines		
SK12	If TCW cooling then 123431 or if TCR cooling then 123491	
SK16	If TCW cooling then 163431 or if TCR cooling then 163491	
Sea King marine engines are unaffected by the change of ownership		