

	SURFACE VEHICLE RECOMMENDED PRACTICE	SAE J1172 OCT2012
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Engine Flywheel Housings with Sealed Flanges		

RATIONALE

The technical report covers technology, products, or processes which are mature and not likely to change in the foreseeable future.

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1. **Scope**—This SAE Recommended Practice defines flywheel housing flange configurations for applications requiring "O" ring sealing of the flange pilot bore.

Table 1 and Figure 1 show dimensions that are different from those in SAE J617. All other dimensions and tolerances of SAE J617 apply.

TABLE 1—FLYWHEEL HOUSING FLANGE DIMENSIONS—MM (IN)

SAE No.	F Min Pilot Bore Depth	G Min Radial Clearance for Mating Flange Pilot	H Chamfer ± 0.5 (0.02)
00	19.0 (0.75)	14.0 (0.55)	3.0 (0.12)
0	19.0 (0.75)	14.0 (0.55)	3.0 (0.12)
1/2	19.0 (0.75)	14.0 (0.55)	3.0 (0.12)
1	16.0 (0.63)	13.0 (0.51)	2.5 (0.10)
2	16.0 (0.63)	13.0 (0.51)	2.5 (0.10)
3	16.0 (0.63)	13.0 (0.51)	2.5 (0.10)
4	14.0 (0.55)	11.0 (0.43)	2.0 (0.08)
5	14.0 (0.55)	11.0 (0.43)	2.0 (0.08)
6	14.0 (0.55)	11.0 (0.43)	2.0 (0.08)

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