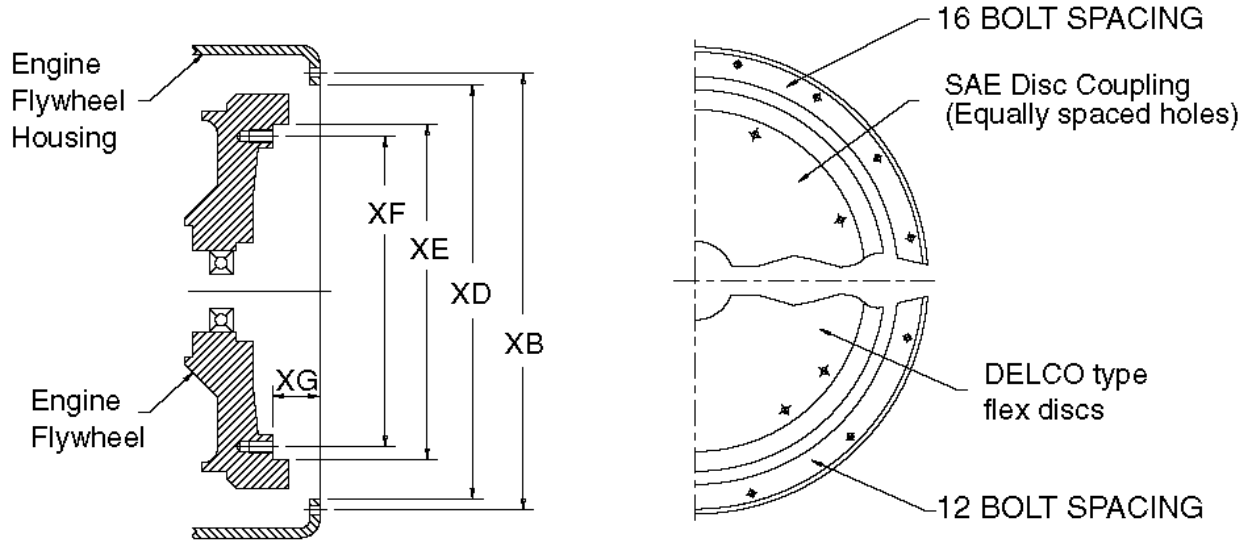




## Standard SAE Single Bearing Generator Adaptions



Engine Flywheel Housing Dimensions				
SAE #	XD (mm)	XB (mm)	Tapped Holes	
			Qty.	Size
00	31.000 (787)	33.50 (851)	16	1/2-13
0	25.500 (678)	26.75 (678)	16	1/2-13
1/2	23.000 (584)	24.38 (619)	12	1/2-13
1	20.125 (511)	20.88 (530)	12	7/16-14
2	17.652 (448)	18.38 (467)	12	3/8-16
3	16.125 (410)	16.88 (429)	12	3/8-16
4	14.250 (362)	15.00 (381)	12	3/8-16
5	12.375 (314)	13.12 (333)	8	3/8-16
6	10.500 (267)	11.25 (283)	8	3/8-16

Engine Flywheel / Generator Flex Disc Dimensions						
SAE	Twin Disc	XE (mm)	XF (mm)	XG (mm)	Tapped Holes	
					Qty.	Size
21	B-121	26.500 (673)	25.25 (641)	0 (0)	12	5/8-11
18	B-118	22.500 (572)	21.38 (543)	.62 (16)	6	5/8-11
14	SP-114	18.375 (467)	17.25 (438)	1.00 (25)	8	1/2-13
11-1/2	SP-111	13.875 (352)	13.12 (333)	1.56 (40)	8	3/8-16
10	C-110	12.375 (314)	11.62 (295)	2.12 (54)	8	3/8-16
8	C-108	10.375 (264)	9.62 (244)	2.44 (62)	6	3/8-16
7-1/2	C-107	9.500 (241)	8.75 (222)	1.19 (30)	8	5/16-18
6-1/2	C-106	8.500 (210)	7.88 (200)	1.19 (30)	6	5/16-18
Delco 17.750"		17.755 (451)	15.50 (394)	.72 (18)	8	5/8-11
Delco 15.500"		15.500 (394)	13.88 (353)	.72 (18)	8	5/8-11
Delco 12.750"		12.750 (324)	11.00 (279)	0 (0)	4	1/2-13

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## **Measuring the SAE Adaption & Flex Discs of an Existing Generator**

1. Make sure the surfaces of the main rotor and main stator cores are in the flush. This will ensure the rotor is properly positioned and give the correct XG dimension.
2. Place a straight edge on the engine side of the drive discs, measure the distance (XG) to the mating surface of the flywheel-housing adaptor.
3. Compare the generator XG dimension with the engine XG dimension and make sure they match.
4. Measure the flex disc outside diameter - XE dimension.
5. Measure the size and bolt circles - XF dimension - of the holes in the drive discs. The number of holes should be noted.
6. Compare the dimensions to the SAE standards on the chart supplied on page 1 and make sure they match those on the engine.

## **Measuring the SAE Adaption & Flex Discs of an Existing Engine**

1. Place a straight edge of the FACE of the flywheel housing. Measure the distance – XG dimension - from the surface of the flywheel to the face of the flywheel housing.
2. Measure the inside diameter of the rabbit fit for the generator adaptor – XD dimension.
3. Measure the size, thread and bolt circle – XB dimension – of the holes in the flywheel housing adaptor. Note the number of holes.
4. Measure the inside diameter of the recess the drive disc seat - XE dimension.
5. Measure the size, thread and bolt circle – XF dimension – of the holes in the flywheel for drive disc mounting. Note the number of holes.
6. Compare the dimensions to the SAE standards on the chart supplied on page 1 and make sure they match those on the engine.

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