

CHAPTER 6 ENGINE MOUNTINGS

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General

1. Attention is drawn to Part 1, Chap.6 where the key diagram of the engine mounting may be found. The numbers identifying the parts in the following paragraphs are the key numbers shown on the illustration depicting the appropriate engine mounting in this chapter.

Engine mounting (Avon engine.) (Part 1, Chap.6, fig.1)

2. (a) *Front mounting (port and starboard).* The maximum diametral clearance allowed between the spherical bearing (1) and the eye end (2) is .003 in. Rectification action requires the renewal of (1) and (2). The fork end (4) is assembled with a bearing identical with (1) and an eye end supplied by Rolls Royce. The maximum diametral clearance is again .003 in. and partial rectification is obtained by renewing the bearing.

(b) *Rear mounting (port and starboard).* The mountings consist of spherical bearings (F.166660 port, F.166661 starboard) which are assembled in the bearing blocks (7) and bearing caps (8). The maximum worn clearance allowed between these parts is .006 in. Rectification action requires the renewal of the spherical bearing and/or (7) and (8) together. (Parts (7) and (8) are manufactured as a pair).

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