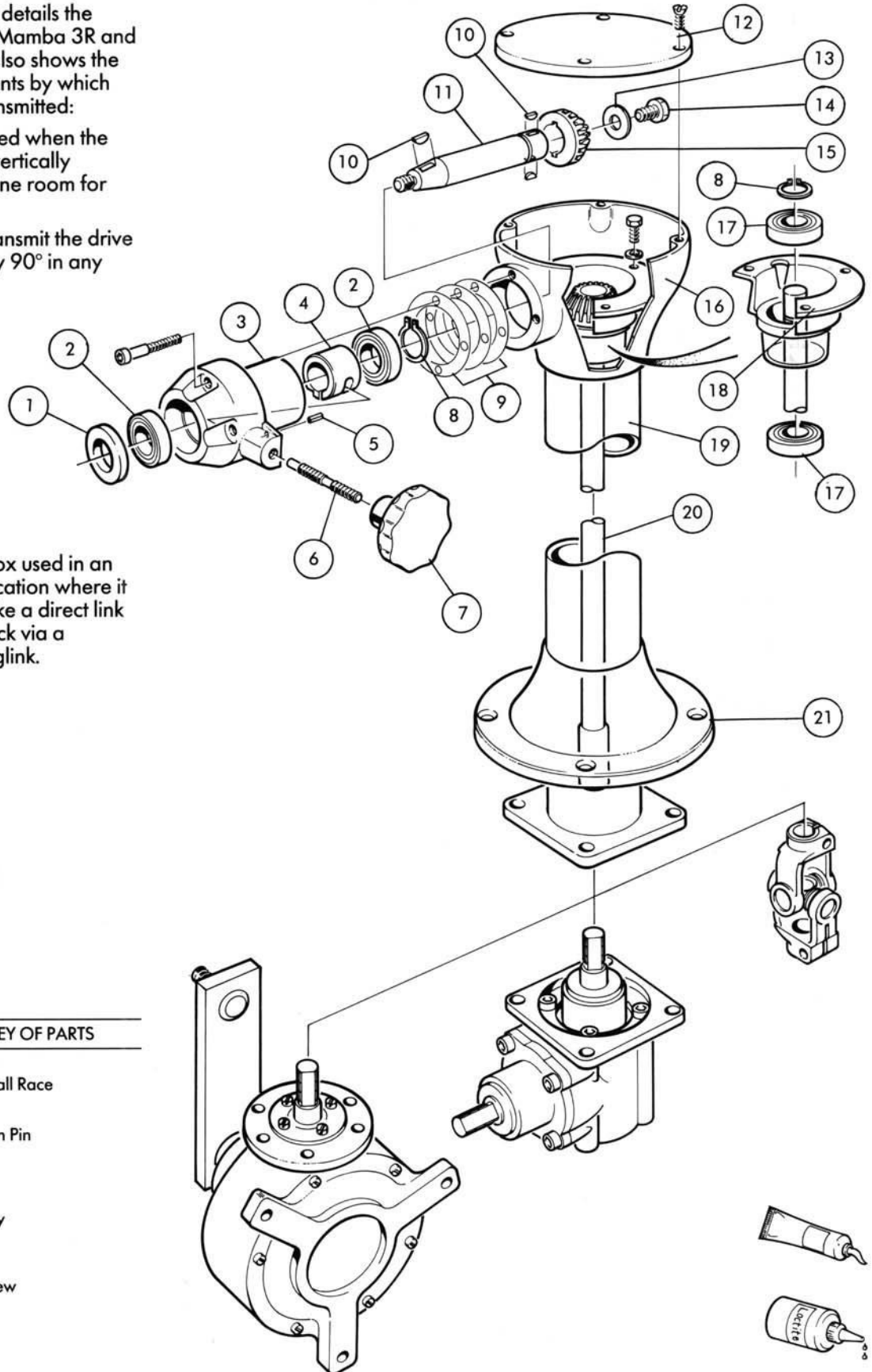


MAMBA 3R/12R

BEVEL DRIVE SYSTEMS

This exploded view details the construction of the Mamba 3R and 12R pedestal and also shows the three possible variants by which the drive is then transmitted:

- a) universal joint used when the drive is to drop vertically (through an engine room for example)
- b) bevel head to transmit the drive at approximately 90° in any direction
- c) reduction gearbox used in an aft-cockpit application where it is possible to make a direct link to the rudder stock via a rose-jointed draglink.



MAMBA 3R — KEY OF PARTS

1. Oil Seal
2. SR1 6 2RS Sealed Ball Race
3. Input Socket
4. Brake Clamp
5. Brake Stud Retention Pin
6. Brake Stud
7. Brake Knob
8. Circlip
9. Input Socket Shims
10. No. 9 Woodruff Key
11. Steering Shaft
12. Top Cover
13. Washer
14. Bevel Retaining Screw
15. Bevel Gear
16. Pedestal Bowl
17. SR1 6 2RS Bearings
18. Output Socket
19. Pedestal Tube
20. Downshaft
21. Pedestal Deck Flange