

Mk I (1959 – 1967)

Number	Type	Laygear	Final Drive	Applications	Remarks
2A3708	Cone Synchro, Magic Wand	2A3705	3.76 Rubber Joint	Mini 850	0
22A104	Cone Synchro, Magic Wand	2A3705	3.76 Rubber Joint	Mini 850	1
22A145	Cone Synchro, Magic Wand	?	3.76 Rubber Joint	Mini 850	1
22A363	Cone Synchro, Magic Wand	?	3.76 Rubber Joint	Mini 850	2
22A363	Cone Synchro, Remote	22A350	3.76 Rubber Joint	Cooper 997 *	5, 6, 7
22G382	3-Synchro B-type, Magic Wand	22G231	3.76 Rubber Joint	Elf/Hornet?	3
22G382	3-Synchro B-type, Remote	22G231	3.76 Rubber Joint	Elf/Hornet?	3
22G68	3 Synchro A-type, Magic Wand	22A381	3.76 Rubber Joint	Mini 850	4
22G68	3 Synchro B-type, Magic Wand	22G231	3.76 Rubber Joint	Mini 850 *	4
22G68	3 Synchro A-type, Remote	22G76	3.76 Rubber Joint	Cooper 997	6, 7, 8
22G68	3-Synchro B-type, Remote	22G204	3.76 Rubber Joint	Cooper 997	7, 9
22G68	3-Synchro B-type, Remote	22G204	3.76 Rubber Joint	Cooper 998	7, 10
22G68	3-Synchro B-type, Remote	22G232	3.76 Rubber Joint	Cooper 998 *	7, 11, 12
22G190	3 Synchro B-type, Remote	22G197	3.76 Rubber Joint	Cooper 1071S *	13, 14
22G190	3 Synchro B-type, Remote	22G204	3.76 Rubber Joint	Cooper 1071S *	13, 15
22G190	3 Synchro B-type, Remote	22G204	3.76 Rubber Joint	Cooper 970S	13, 16
22G333	3 Synchro B-type, Remote	22G232	3.76 Rubber Joint	Cooper 970S *	12, 13, 17
22G333	3 Synchro B-type, Remote	22G232	3.44 Rubber Joint	Cooper 1275S *	12, 18, 19
22G333	3 Synchro B-type, Remote	22G232	3.44 Hardy Spicer	Cooper 1275S *	12, 18, 20

Remarks:

- * Confirmed on original car
- 0. Existence confirmed
- 1. Indicated laygear number not confirmed. Laygear number G40 has been confirmed for an 22A104 casing
- 2. Existence of casing and further data to be confirmed
- 3. Existence of 22G382 box both Magic Wand and Remote is confirmed but applications are unclear (Could be Hornet/Elf Mk I/II)
- 4. There exist 22G68 casings with and without two round moldings on the fins at the front side
- 5. 9F Sa H101 to 9F Sa H10666 and 9F Sa L101 to 9F Sa L10447
- 6. The 22G204 laygear was used with B-type 1st gear/hub 22A1021 and reverse gear 22G202 as service parts to replace earlier cone synchromesh gears
- 7. Alternative 3.44 final drive ratio available as factory option
- 8. 9F Sa H10667 to 9F Sa H26376 (less 9F Sa H19201 to 9F Sa H20410) and 9F Sa L10448 to 9F Sa L28575
- 9. From 9F Sa L28576
- 10. 9FD Sa H101 to 9FD Sa H1960 (less 9FD Sa H1916 to 9FD Sa H1924) and 9FD Sa L101 to 9FD Sa L644
- 11. From 9FD Sa H1961 (plus 9FD Sa H1916 to 9FD Sa H1924) and from 9FD Sa L645
- 12. Laygear 22G232 has been renumbered to 22G1100
- 13. Alternative 3.44, 3.94, 4.13, 4.27, 4.35 final drive ratios available as factory option
- 14. 9F Sa H19201 to 9F Sa H20410 plus 9F Sa H26501 to 9F Sa H20248
- 15. From 9F Sa H20249
- 16. 9F Sa X29001 to 9F Sa X29040
- 17. From 9F Sa X29041, no cut out at front side – radiator corner
- 18. Alternative 3.76, 3.94, 4.13, 4.27, 4.35 final drive ratios available as factory option 19. 9F Sa Y31001 to 9F Sa Y41233
- 20. From 9F Sa Y41234

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Alternative gearing available as factory option for gearboxes based on 22G392 mainshaft (which have late B-type as originally for 22G232 laygear based boxes) for Cooper and S only:

- * C-22G210 (helical cut close ratio)
- * C-22G335 (straight cut standard ratios)
- * C-22G306 (straight cut close ratio) (was replaced by 22G1047) The original laygears are marked with the appropriate 22Gxxx number

Mk II (1967 – 1969)

Number	Type	Laygear	Final Drive	Applications	Remarks
22A1288	3 Synchro B-type, Magic Wand	22G231	3.76 Rubber Joint	Mini 850	
22A1288	3 Synchro B-type, Remote	22G231	3.76 Rubber Joint	Cooper 998 NOT S *	21
22A1522	3 Synchro B-type, Remote	22G232	3.44 Hardy Spicer	Cooper 1275S *	22
22G1128	4 Synchro, Remote	22G927	3.76 Rubber Joint	Mini 850/1000 *, Cooper 998	21, 23
22G1128	4 Synchro, Remote	22G1040	3.44 Hardy Spicer	Cooper 1275S *	22, 23
22G846	4 Synchro, Remote	22G927	3.76 Rubber Joint	Hornet/Elf *	23
22G1128	4 Synchro, Sandwich Remote	22G927	4.13 Rubber Joint	1100/1300 *	23, 24

Remarks:

* Confirmed on original car

21. Alternative 3.44 final drive ratio available as factory option
22. Alternative 3.76, 3.94, 4.13, 4.27, 4.35 final drive ratios available as factory option
23. The 4 synchro gearbox 22G1128 was introduced in 1968
24. The non-Mini 22G1128 casing with sandwich remote is included for completeness

Straight cut close ratio 4-synchro gearing was available as factory option for Cooper S only based on laygear 22G1737 Other remarks:

- The Mk2 Hornet/Elf had chrome magic wands

Mk III (1969 – 1976)

Number	Type	Laygear	Final Drive	Applications	Remarks
22G1128	4 Synchro, Magic Wand	22G927	3.76 Rubber Joint	Mini 850, Mini 1000 *	25
22G1128	4 Synchro, Remote	22G927	3.76 Rubber Joint	Mini 850	
22G1128	4 Synchro, Remote	22G927	3.44 Rubber Joint	Mini 1000 *, Clubman 1000	
22G1128	4 Synchro, Remote	22G1040	3.44 Hardy Spicer	Cooper 1275S *	26
22G1128	4 Synchro, Remote	22G1040	3.65 Rubber Joint	Clubman 1275GT	
22G1832	4 Synchro, Rod	22G927	3.76 Pot Joint	Mini 850 *	27
22G1832	4 Synchro, Rod	22G927	3.44 Pot Joint	Mini 1000/1100 *, Clubman 1100 *	27
22G1832	4 Synchro, Rod	22G1040	3.44 Pot Joint	Clubman 1275GT *	27, 29

Remarks:

* Confirmed on original car

25. Used for the very first 85H engines in 1970 where a standard 22G1128 remote casing was equipped with magic wand gear lever by using shaft 88G233 or 88G553 (non-remote housing), button 2A3467, spring 2A3390 and plate/pad 22A1832. Also confirmed for very late 1969 Mini 1000.
26. Alternative 3.76, 3.94, 4.13, 4.27, 4.35 final drive ratios available as factory option
27. The rod change gearbox 22G1832 was introduced in 1973
28. Unclear when change of final drive ratio to 3.44 occurred