Crank Pulleys

Alternative ancillary drive systems are available. For race use where the alternator is not used there is a toothed belt drive system with large diameter or standard diameter water pump pulley that eliminates problems caused by conventional belts being turned or thrown through misalignment.

The crank pulley is made to accept the 12A367 damper ring as shown on the crankshaft page, which is not included but advisable for most applications to reduce crankshaft failure.

A tooth belt drive kit for the alternator is also available with an overflow damper ring. Running a secondary belt from the water pump pulley to the alternator ensures that if the charging system belt goes, the car can still be driven.

1. Crank pulley for all tooth belt drive kits. Use 12A367 damper ring (No.1). .................................................. C-AEG455
2. a. Standard diameter tooth belt drive alloy water pump pulley with 28 teeth giving 0.87 to 1 ratio. ................... C-AEA477
   b. Same as C-AEA477 above water pump pulley with 28 teeth, but in steel for use in dirty, dusty conditions where the alloy pulley can wear quickly. ........................................ C-AEA478
3. Tooth drive fan belt for No.9 and No.10 ................................ C-BELT255
4. Large diameter tooth belt drive alloy water pump pulley with 36 teeth giving 1.13 to 1 ratio. ......................... C-AEA479
5. Tooth belt fan belt for No.9 and No.12 ............................ C-BELT270
6. a. Dynamo or alternator tooth belt pulley for 15mm fixing hole pre 1985 .................................................. C-AEA479
   b. Alternator tooth belt pulley for 17mm fixing hole 1985 on ................................................................. C-AEA480
7. Tooth belt for alternator to standard 28 teeth water pump pulley .............................................................. C-BELT210
8. Tooth belt for alternator to large 36 teeth water pump pulley ........................................................................ C-BELT225
9. a. 3⅞” (3.875”) pressed steel water pump pulley. Pre 1980. (No. 1 & 2 or 1 & 9). .............................................. C-AEG454
   b. Large diameter 4⅜” water pump pulley as fitted from 1980 on ................................................................. C-AEM6239
10. Large 5” diameter alloy dynamo/alternator “V” pulley is available for reducing the speed of the charging system to prevent overheating, on high rpm engines ................................................. C-AEA535

Fan Belts

Nearly all cogged fan belts indicate their length by the last 3 digits of the part number in millimetres.

The fan belts were changed so many times on pre 1990 cars the only sure way to find a correct replacement is to look at your old fan belt and if it appeared to be the correct size, see if there are any remnants of the part number and always carry a new spare so you have the part number on hand at all times. If not measure the old belt.

18. a. Original small water pump pulley less charging system. This replaces C-AEA539 ........................................ CGB00685
   b. With CAM6408 large (4.75” wide) water pump pulley less charging system ........................................ CGB01725
   c. With dynamo or 16/17ACR alternator ................................ ........................................................................... CGB00685
   d. With CAM6408 large pulley 1980 -1996 plus some earlier cars ................................................................. CGB00825
   e. Longer alternative than No.4 with CAM6408 large pulley and alternator .................................................. CGB00685
   f. With C-AEA535 large charging pulley and 3.875” pressed steel pulley ...................................................... CGB00863
   g. With C-AEA535 large charging pulley and CAM6408 large pulley .......................................................... CGB00890

   a. Without air con compressor .................................................. GBMS0920
   b. With air con compressor ............................................................. GBMS01005