

5 - FINAL DRIVE UNIT

A - THE REPLACEMENT OF THE PC8 FINAL DRIVE BY A PC7 FINAL DRIVE ON THE 505 ZEJ - ZDJ AND 604 XD2S - XD3T

B - THE REPLACEMENT OF THE 9 x 34 GEAR SET BY 9 x 35 AND 10 x 37 GEAR SETS

C - THE SALE, BY THE PARTS DEPARTMENT, OF FINAL DRIVES WITH LIMITED SLIP DIFFERENTIAL - IDENTIFICATION - LUBRICATION

A - THE REPLACEMENT OF THE PC8 FINAL DRIVE BY THE PC7 FINAL DRIVE ON THE 505 ZEJ - ZDJ AND THE 604 XD2S - XD3T

From the following serial numbers :

505 ZEJ 5 speed gearbox	1 631 252
505 ZEJ Automatic transmission	1 635 523
505 ZDJ	1 635 351
604 ZX2S USA	0 104 230
604 XD3T 5 speed gearbox	6 660 861
604 XD3T Automatic transmission	6 660 610

The type PC8 final drive unit is replaced by the type PC7 final drive unit already fitted to other models in the above two ranges.

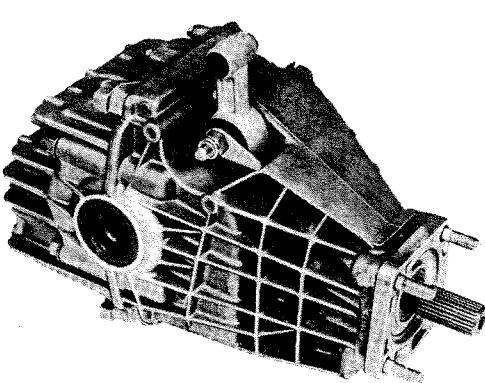
The internal structures of these two units are identical, they differ only by the method by which they are secured to the rear cross member.

PC8 final drive

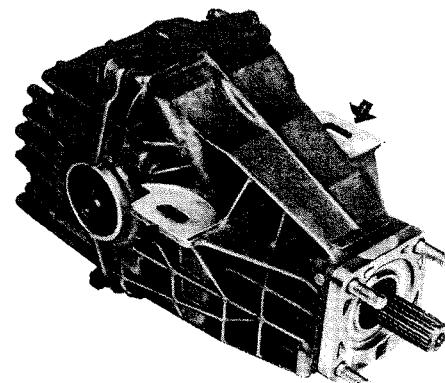
Secured by a link on the upper part of the housing and a movement limiter on the lower rear part of the torque tube.

PC7 final drive

Secured by 2 flexible mountings on either side of the housing.



PC8 final drive



PC7 final drive

As the methods used to secure these two types of final drive differ, the rear cross members are also different.

Interchangeability

These two types of final drive are not interchangeable.

B - THE REPLACEMENT OF THE 9 x 34 GEAR SET BY 9 x 35 AND 10 x 37 GEAR SETS ON 505 DERIVATIVES XD3 4 SPEED MANUAL GEARBOX, 505 XN6 AUTOMATIC TRANSMISSION (EXCEPT USA/CANADA) AND 505 ZEJ, ZDJ AUTOMATIC TRANSMISSION, EXPORT

From 505 vehicle serial number 1 643 563, the 9 x 34 final drive gear set has been replaced by 9 x 35 and 10 x 37 gear sets.

Vehicle	Early type					Later type			
	Gear set	Unit ref.	Speedo drive ratio	Pinion colour	Gear set	Unit ref.	Speedo drive ratio	Pinion colour	
XD3 deriv 4 spd. box France + Export	9 x 34	3EL	9 x 27	mauve	10 x 37	3EM	9 x 26	brown	
XD3 deriv 4 spd. box Export	9 x 34	3EL	9 x 27	mauve	9 x 35	3EK	9 x 28	beige	
XN6 Saloon Auto. trans. except USA/CANADA	9 x 34	3EL	9 x 28	white	9 x 35	3EK	9 x 28	white	
Saloon, ZEJ ZDJ Auto. trans. Export	9 x 34	3EL	9 x 28	white	9 x 35	3EK	9 x 29	beige	

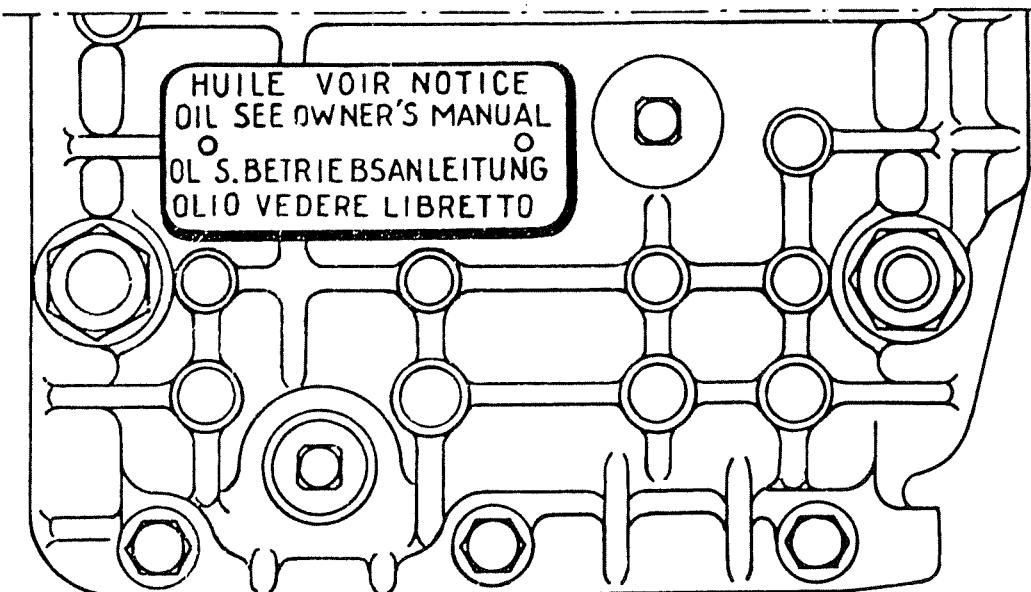
C - THE SALE, BY THE PARTS DEPARTMENT, OF FINAL DRIVES WITH LIMITED SLIP DIFFERENTIAL - IDENTIFICATION - LUBRICATION

The Parts Department will only supply as replacements the PC7 and PC8 final drives with limited slip differential.

These final drives are to be lubricated with only the following types of oil:

- . ESSO Gear Oil LSA 90
- . SHELL Gear GL 90

A label applied to the rear part of the final drive unit draws attention to this special feature.



The limited slip differential unit supplied by the Parts Department will be accompanied by an insert to be given to the customer for inclusion in his owner's handbook.

INSERT

Your vehicle is fitted with a final drive with a limited slip differential.

The type of oil to be used for its lubrication is shown on the detachable section at the bottom of this insert.

Stick this in the owner's handbook for your vehicle, on the chart entitled "APPROVED AND RECOMMENDED LUBRICANTS" under the section covering the type of engine fitted to your vehicle (petrol or diesel).



Final drive with limited slip differential

ESSO GEAR
OIL LSA 90

SHELL GEAR GL 90

GLS

2105 B