



CITROËN
RACING



C2R2max

A31 *GENERATOR*

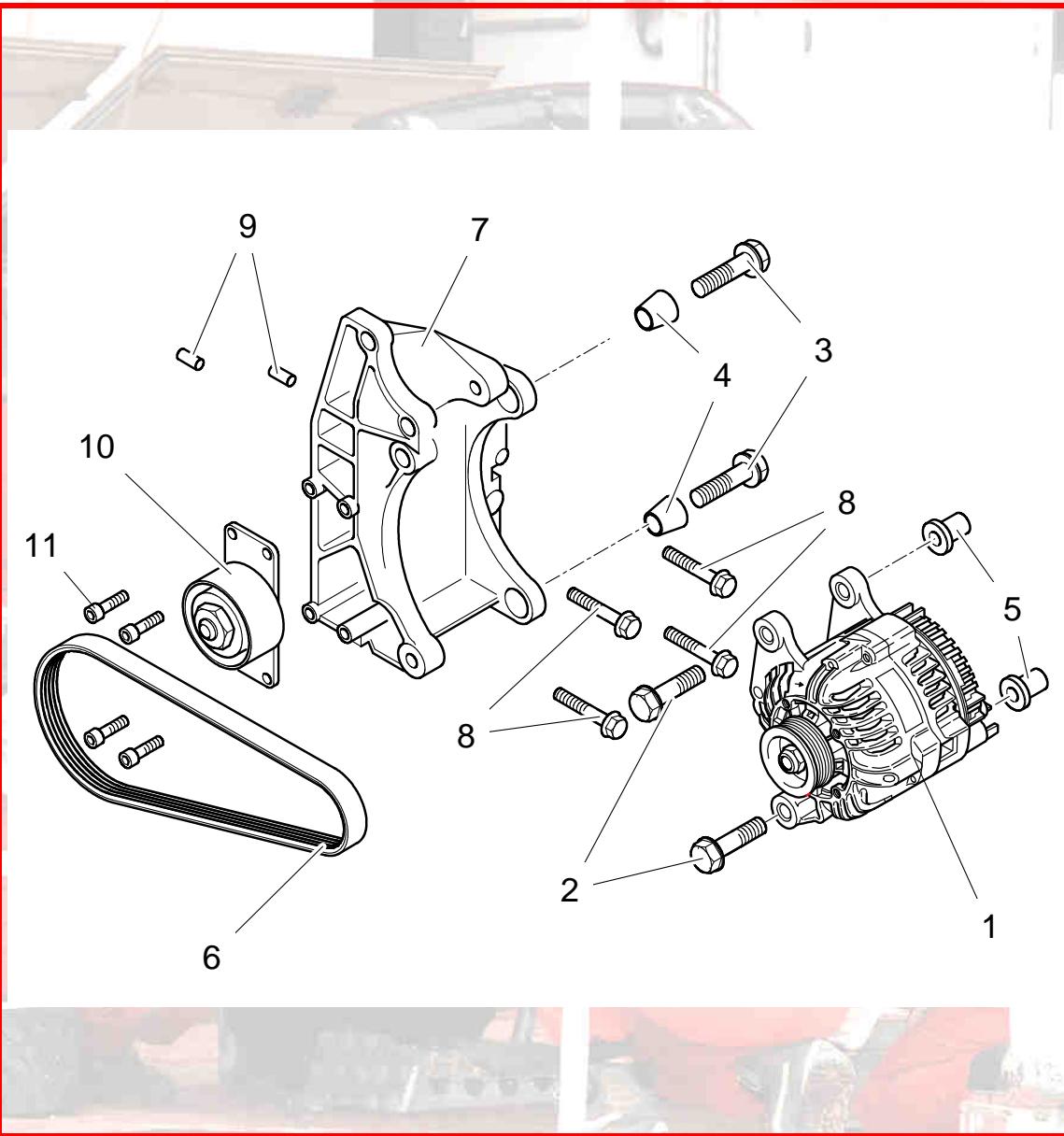


CITROËN
RACING



C2R2MAX

Version 03 – 30 june 2009

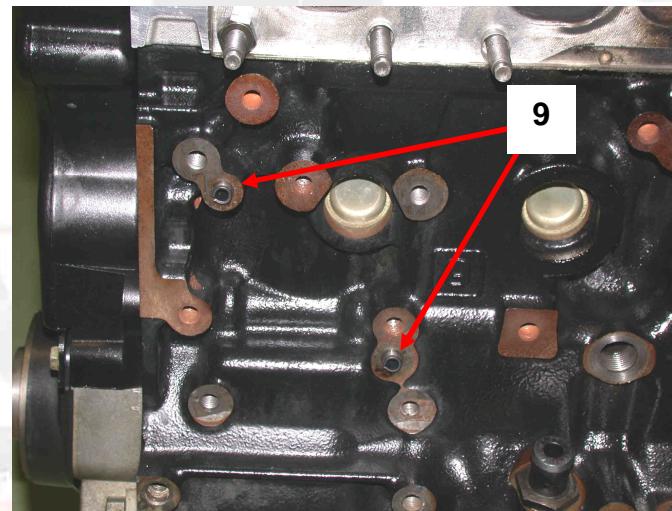


Ref	Reference	Qty	Description
1	0A3188017B	1	Modified alternator
2	BCSP6925R9	2	Screw, alternator / Bracket pulley side TH M10x150 Lg 55 Washer
3	BCSP691320	1	Screw, alternator / Bracket exhaust side TH M10x150 Lg 45
4	BCSP570384	2	Alternator centring bushing
5	BCSP570385	2	Alternator spacer
6	BCSP5750VT	2	Belt accessories 6pk1125
7	BCSP5706J4	1	Alternator mount
8	BCSP6925J5	4	Screw, alternator bracket on block M8x125 Lg 60
9	BCSP696851	2	Bracket pin d8x12
10	BCSP575150	1	Tension roller
11	BCSP691310	4	Screw for roller on bracket HSHC M6x100 Lg20 Cl10.9 ZN



Fitting the alternator

Fit the bracket pins ([ref.9](#)) on the block.



Modify the alternator bracket ([ref.7](#)) by grinding down the yellow parts to facilitate the passage of the exhaust (see photos below)

Areas shown in yellow to be ground down



End result

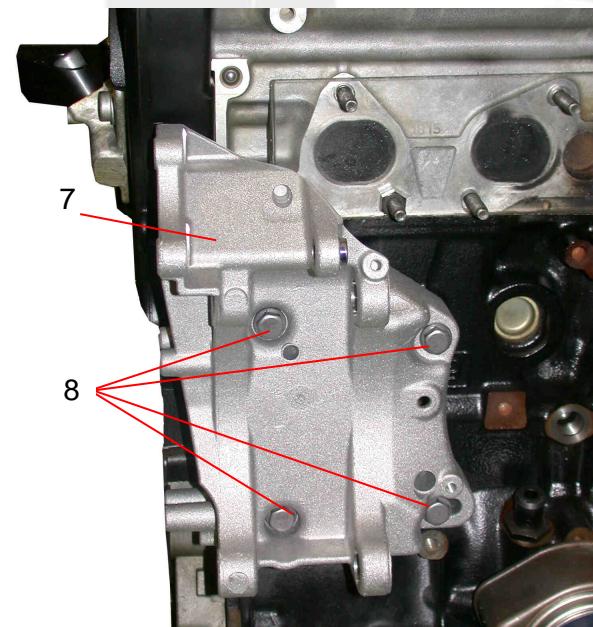


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**TO
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Fit the alternator bracket (ref.7) on the block using screws (ref.8).



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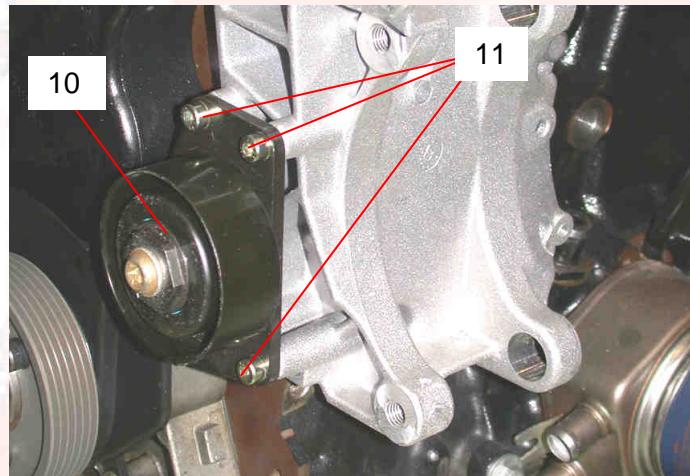
3 m.kg

Fit the tension roller (ref.10), without tightening it, on the alternator bracket using screws (ref.11).

N.B.: the tightening roller will be tightened after assembling the power steering pump, fitting the belt accessory and tensioning the latter.

Loctite: 242

Tightening torque: 1.5 m.kg

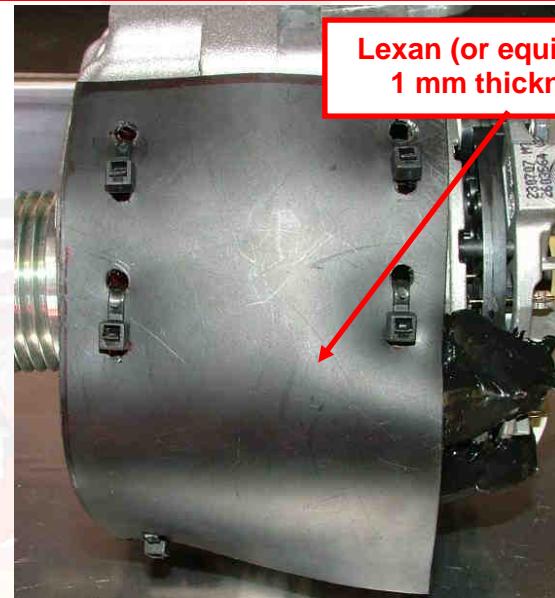


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**TO
ENGINE**

Cut-out a piece of 1mm thickness lexan (or equivalent), and attach it on the body of the alternator with some tie-raps, as shown on the picture below .



Lexan (or equivalent)
1 mm thickness.

Put some aluminium tape on the protection, to seal tie-raps holes.



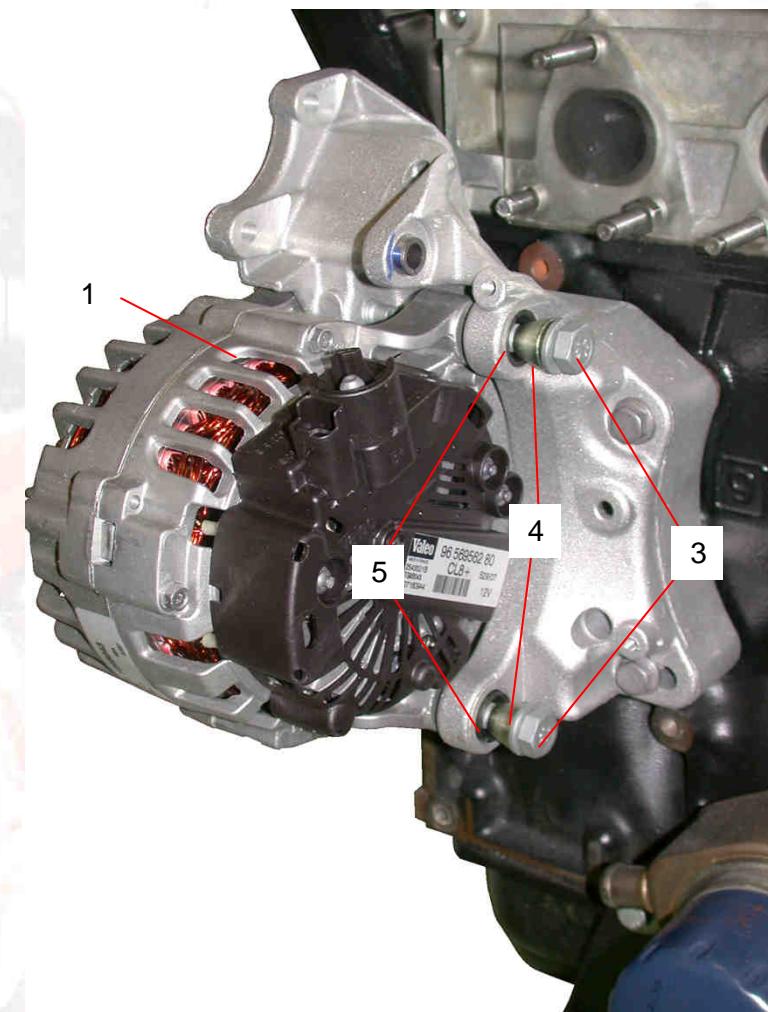
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**TO
ENGINE**

Fit the alternator (ref.1) on its bracket using:

- alternator centring bushings (ref.4),
- alternator spacers (ref.5),
- alternator / bracket pulley side screws (ref.2)
- alternator / bracket exhaust side screws (ref.3)



Pulley side screw ref 2

4,3 m.kg

Exaushst side screw ref 3

3 m.kg

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**TO
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Nota : We remind you that the tuning, the assembly and the settings of a racing engine require specific tools and specialists abilities.

To guarantee a good level of performance and reliability, CITROËN Racing recommend ORECA Magny Cours, partner of our applications since many years.

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**TO
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