



C2R2nax

Version 03 – 20 March 2009

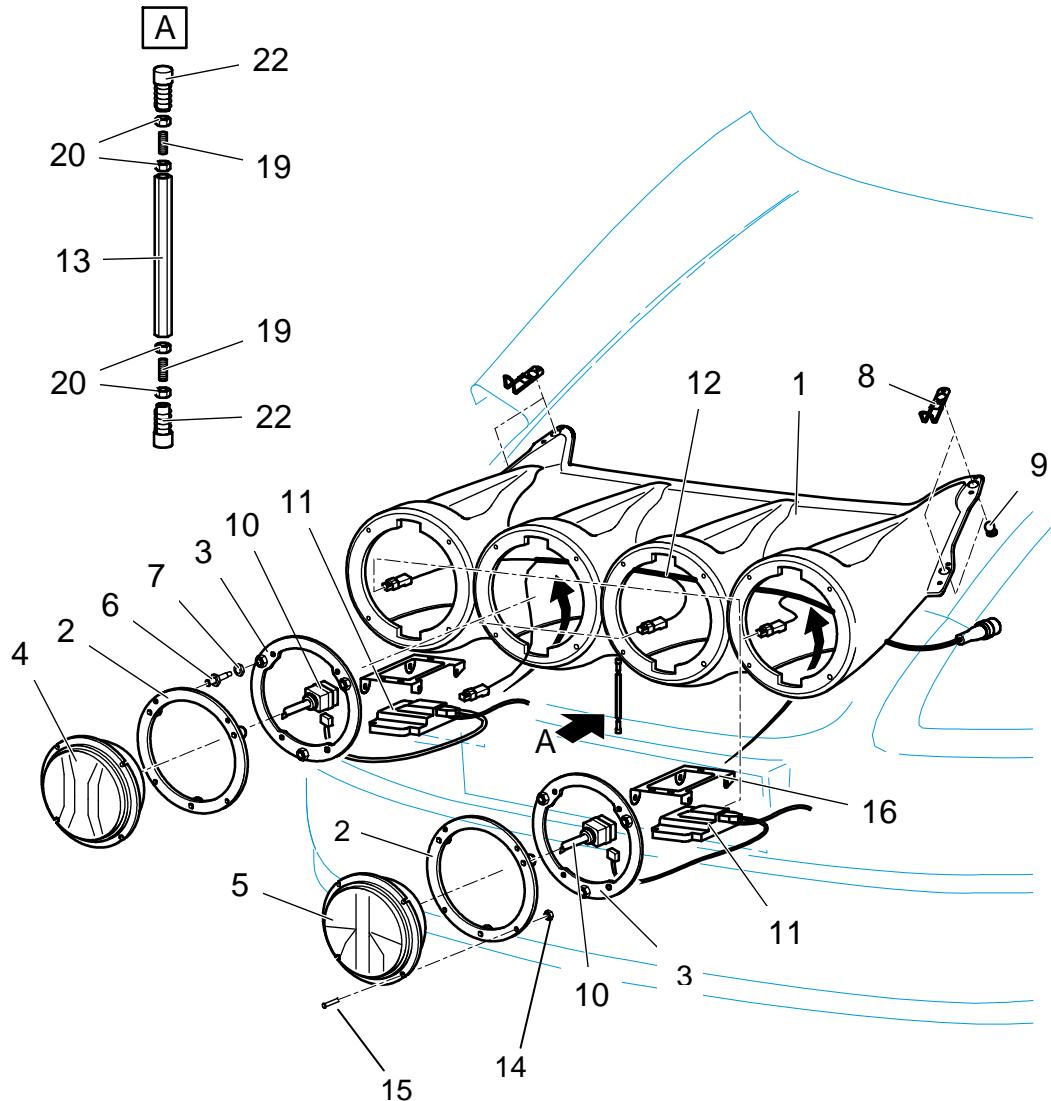
R2A

LAMP PODS



C2R2max

Version 03 – 02 April 2009

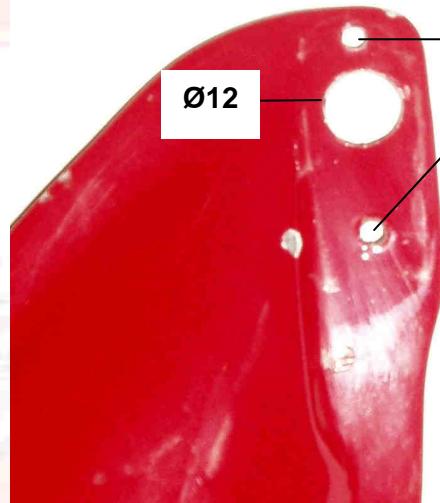


Ref	Part number	Qty	description
1	3Z2C63053C	1	Composite lamp pods
2	3Z2C63395B	4	HELLA sealed-beam mounting plate
3	3Z2C63396B	4	HELLA sealed-beam adjustment plate
4	3Z2C63404A	2	Hella pencil beam lamp
5	3Z2C63403A	2	Hella wide angle lamp
6	BCSP513281	12	M6x100 L16 Screw pin
7	BCSP693404	12	HM6x100 Nut
8	PS78573A10	4	Lock latches LS100A
9	PS78574A10	4	Mating bush
10	BCSP621696	4	Project light 12V-D1S
11	3Z2C82157A	4	Ballast loom
12	3Z9M82156A	1	Lamp pods loom
13	3Z2C63185A	1	Lamp pods steady bar
14	BCSP693695	48	Ø 4x70 Nut with RDL STD
15	PS85110A10	20	M4x20 Screw ULS
16	3Z2C63243B	4	Ballast bracket
17	BCSP692411	28	M4x70 L12 Screw RLX STD
18	BCSP643914	10	Staple loom
19	PS82742A10	2	M5 L30 Headless screw HC BPL
20	BCSP693322	4	M5x8 Nut HM
21	BCSP694929	4	Ø5 Ø 16 EP1.5 Washers
22	3Z2C40133A	2	Spring-loaded angled ball-joint 5x80

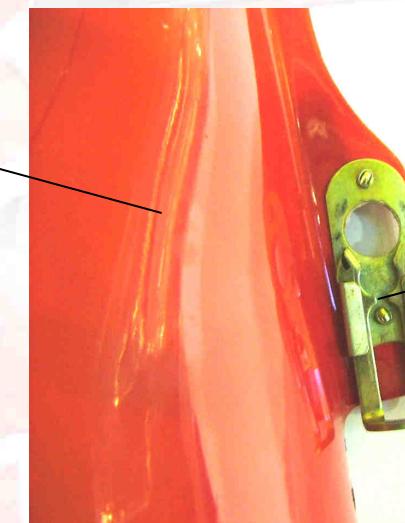
Lock latches locating preparation (rep.8) :

Locate lock latches at each extremities of the lamp pods (rep.1), as shown on the opposite picture.

Counterpierce the lamp pods to **Ø3.2mm** for rivet fixing, and to **Ø12mm** to let pass the mating bush.



Assembly lock latches (rep.8) on the lamp pod (rep.1) by using rivet **Ø 3.2x6**.

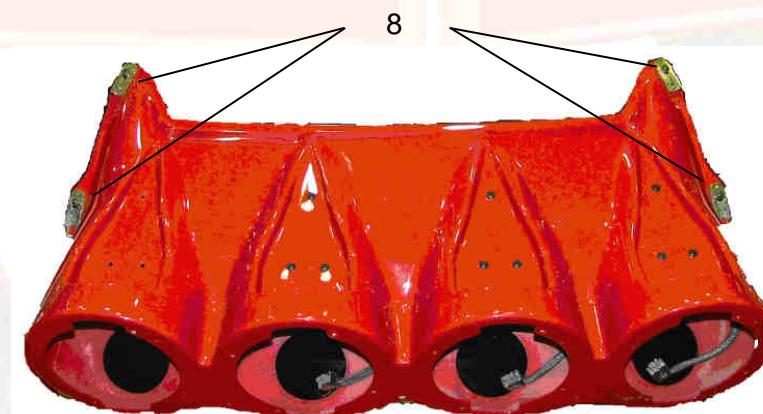


R6A
Lamp pods



R
Body

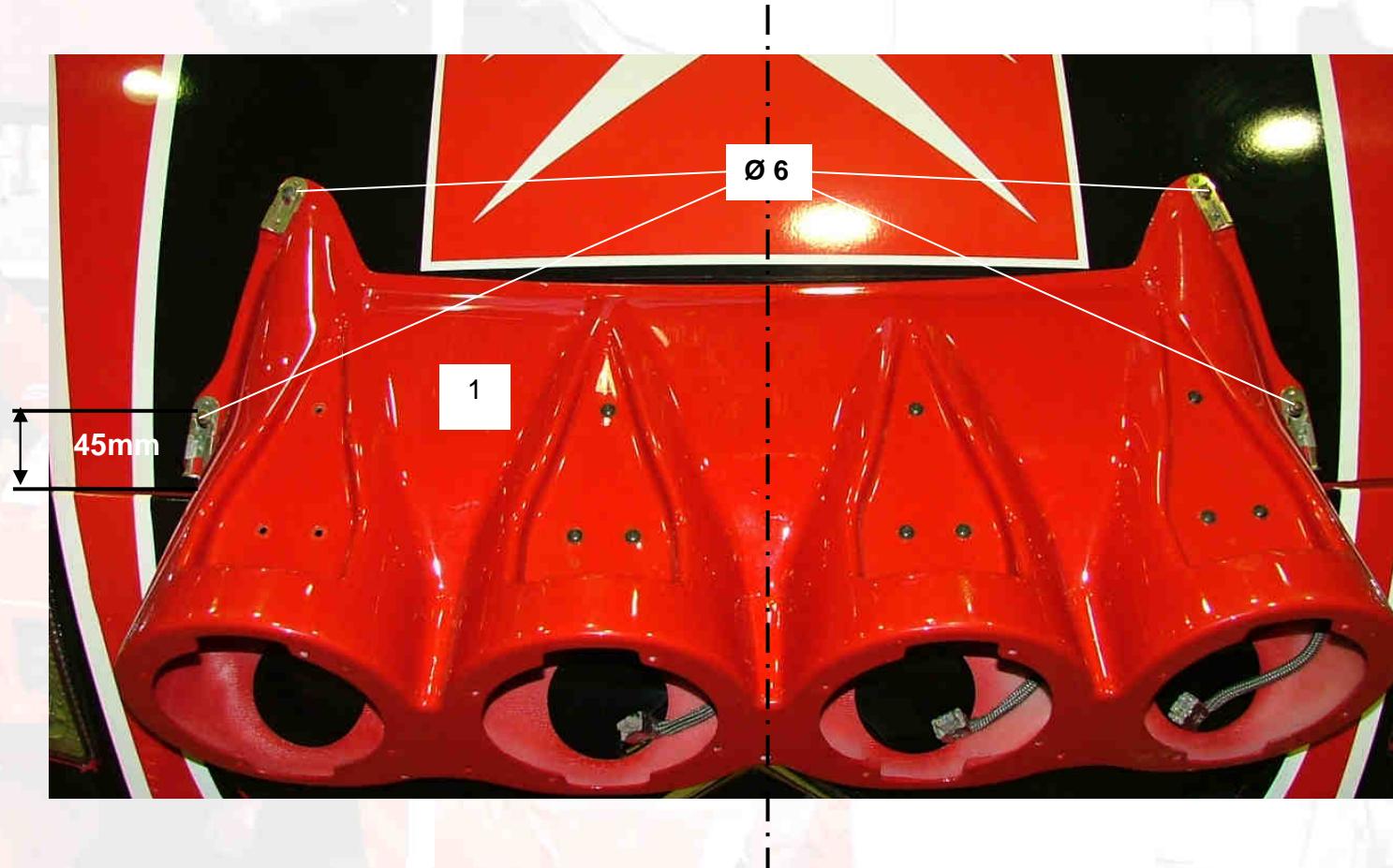
Final result :



Centre the lamp pods (*rep. 1*) on the bonnet (as shown on the picture below with the axis).

For the height position, pay attention to respect the dimension of **45mm** shown on the picture below.

Counterpierce the bonnet to **Ø6 mm** for each lock latches clamp hole.

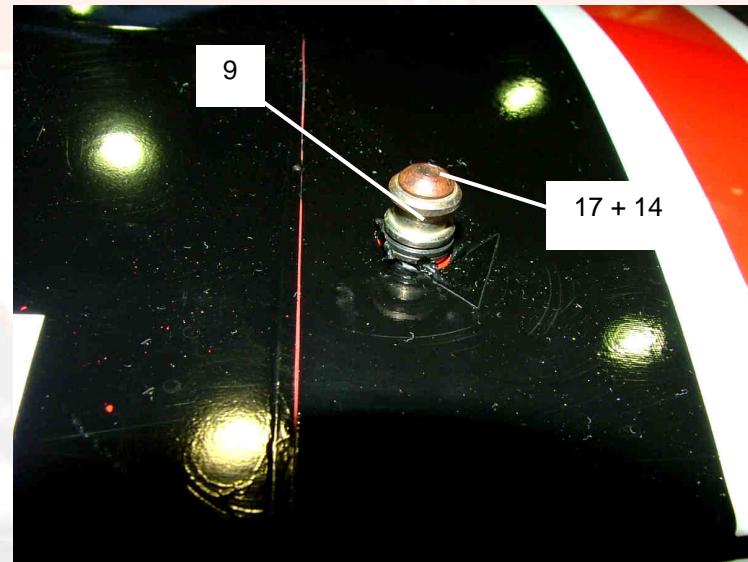


R6A
Lamp pods



R
Body

Assembly four matings bush (rep.9) on the bonnet, by using screws (rep.17) and nuts (rep.14).

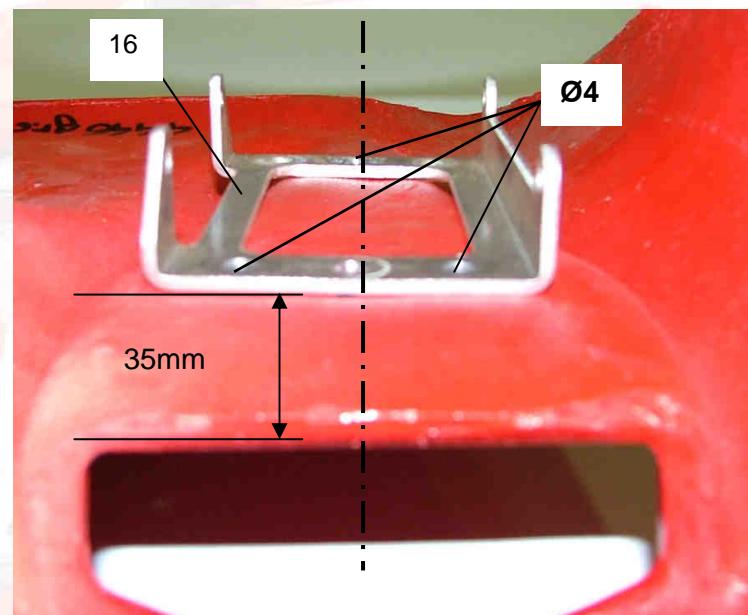


Locate bracket ballast (rep.16) on the lamp pods, as shown on the opposite picture.

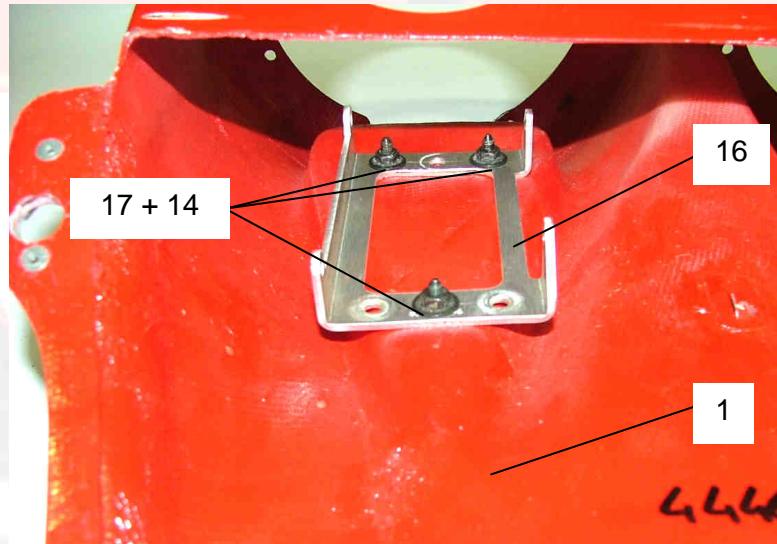


Pay attention to respect bracket assembly side !

Counterpierce lamp pods to Ø4mm, for three brackets ballast clamp hole.



Assembly brackets ballast (rep. 16) on the lamp pods (rep. 1) by using screws (rep. 17) and nuts (rep. 14).



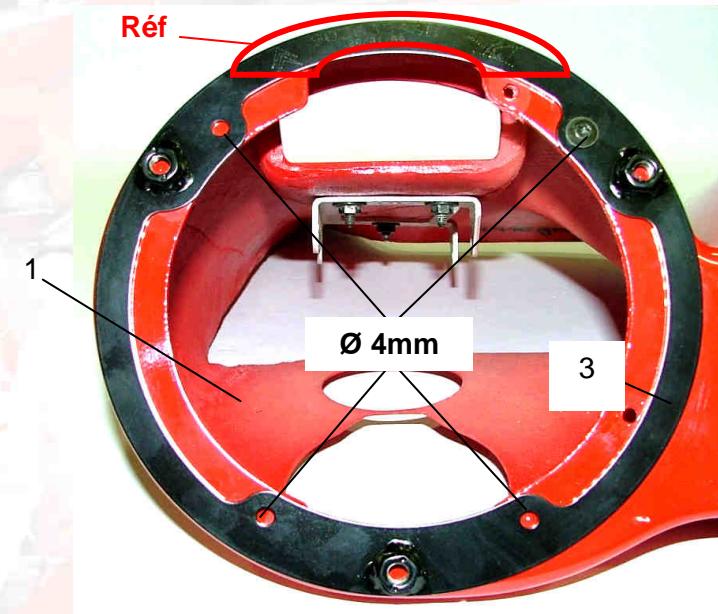
Locate the sealed-beam adjustment plate (rep. 3) on the lamp pods (rep. 1).



Pay attention : the part number has to be on top !



Counterpierce all fixing holes of sealed-beam adjustment plate on the lamp pod to Ø 4mm.

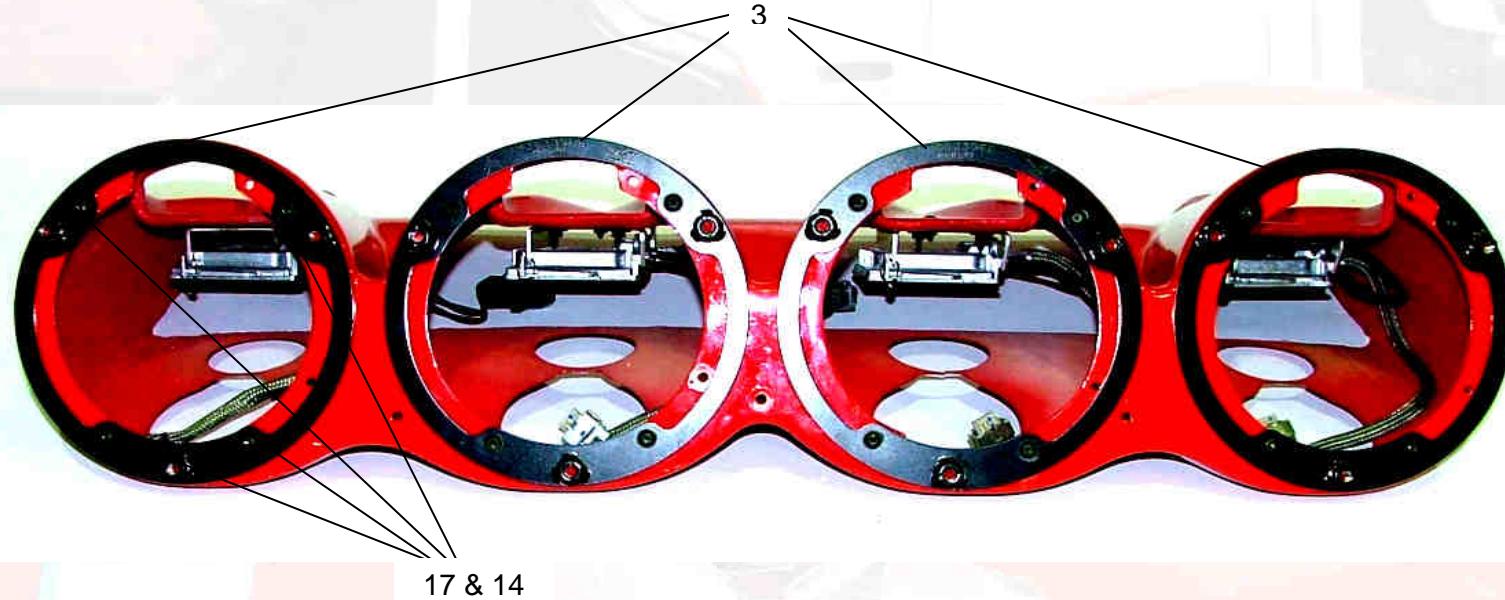


R6A
Lamp pods



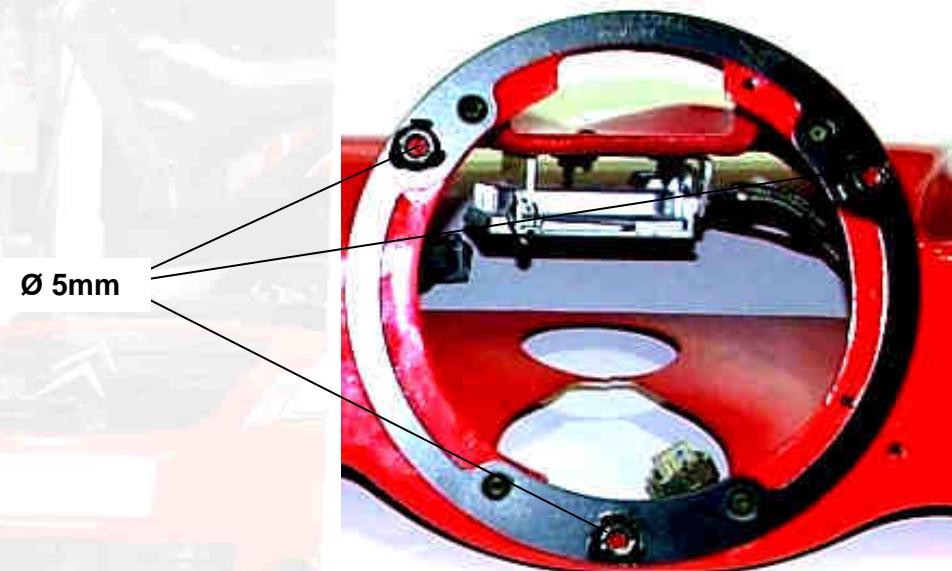
R
Body

Assembly four sealed-beam adjustement plates (rep.3) on the lamp pods by using screws (rep.17) and nuts (rep.14).





For permet an adjustemnt of the lamp, it's necessary to drill **Ø 5mm** on the level of srew on the sealed-beam adjustement plates ([rep.3](#)). As shown on the picture below .

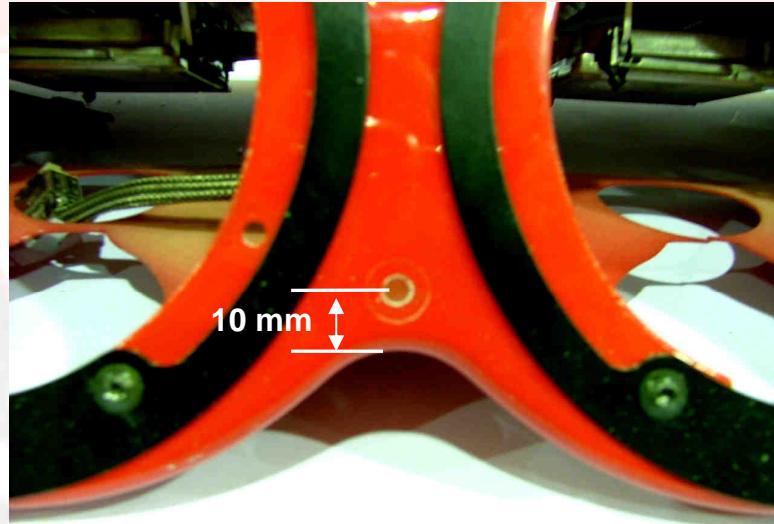


R6A
Lamp pods



R
Body

Drill the lamp pods to \varnothing 4mm, as shown on the opposite picture.



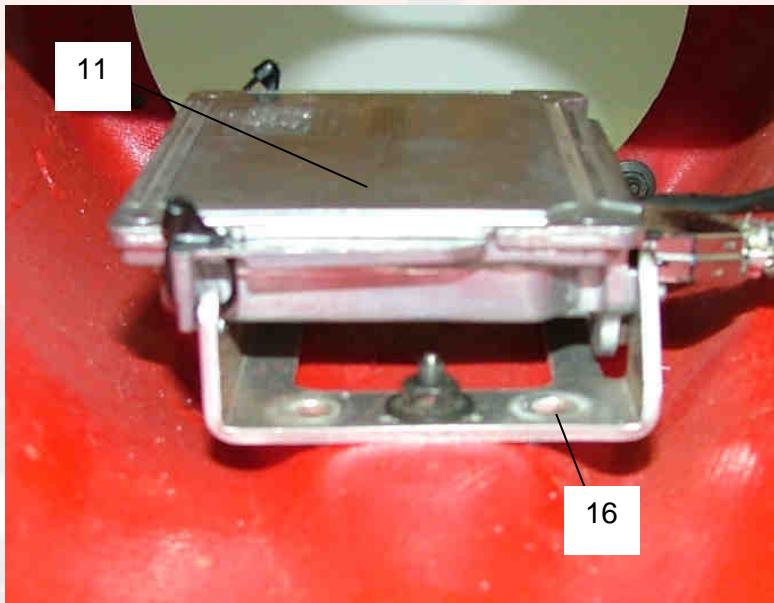
Assembly the spring-loaded angled ball-joint (rep.22) on the lamp pods.



Pay attention to put washers (rep.21) on each side of the lamp pods.



Assembly ballasts (rep. 11) on their brackets (rep. 16) by using tie raps.



Take out the retaining plate (rep. A) of the lamp, to assembly the 12V project light (rep. 10).

Re-assemble the retaining plate on the lamp.

Do the same thing for each lamp.



R6A
Lamp pods

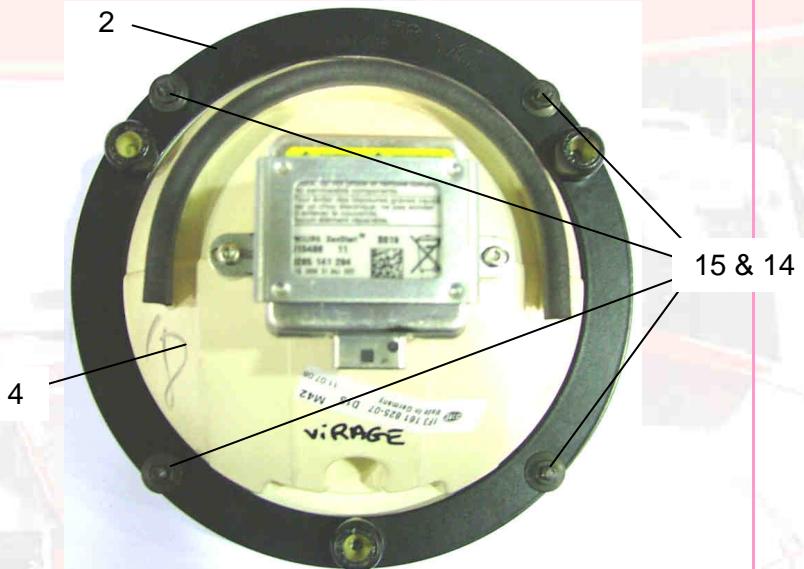


R
Body

Assembly sealed-beam mounting plate (rep.2) on lamps (rep.4) by using screws (rep.15) and nuts (rep.14).



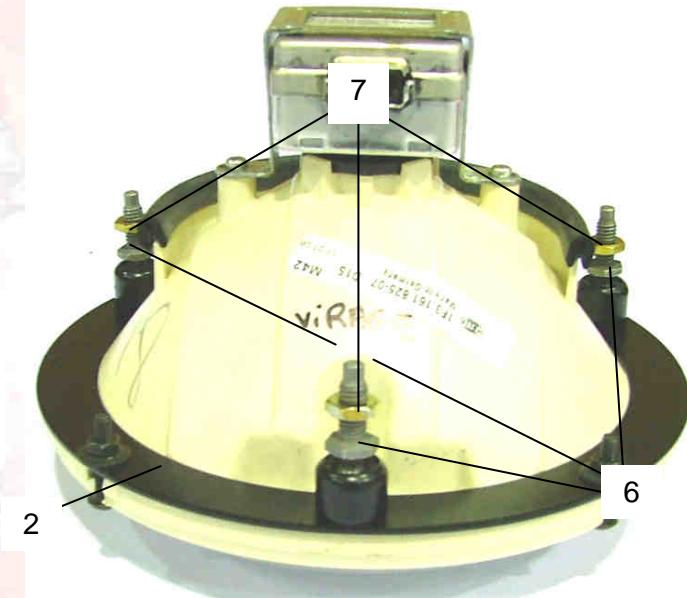
Pay attention : the part number has to be on top !



Clips all screw pins (rep.6) to sealed-beam mounting plate ball joint emplacements (rep.2).

Assembly nuts (rep.7) on screw pins (rep.6).

(Will be a jam nut for lamp pods setting).



Assembly headlights (*rep.4* et *rep.5*) on the lamp pods (*rep.1*), and connect it to their own ballast.



Pay attention : pencil beam lamps (*rep.4*) have to be assembly to the center, and wide angle lamps (*rep.5*) to the externals.



R6A
Lamp pods

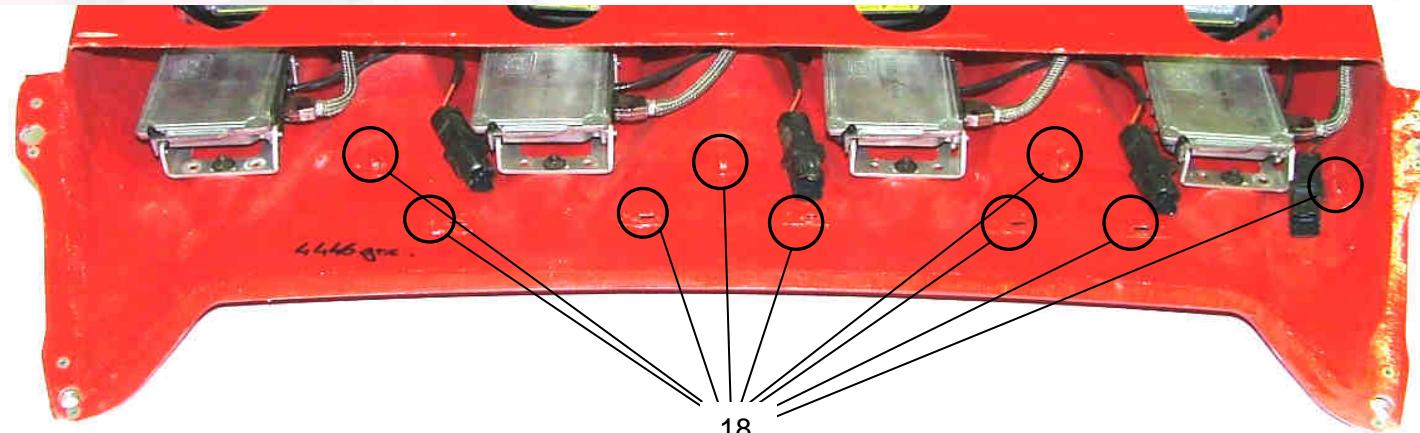


R
Body



Loom assembly :

Locate stapples loom (*rep. 18*), as shown on the picture below, and stick it thoroughly.

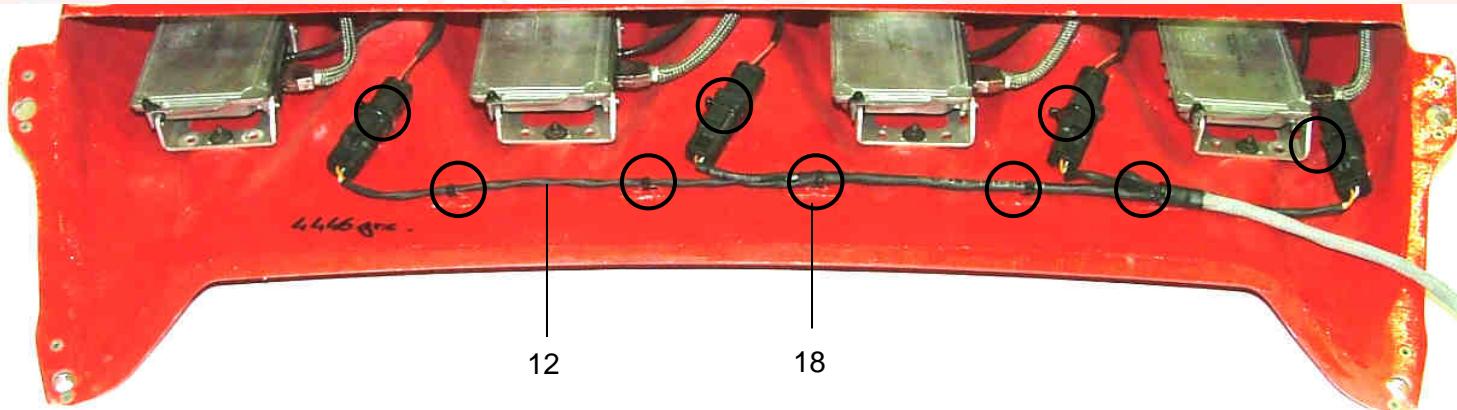


Structural epoxy
glue

3M dp490

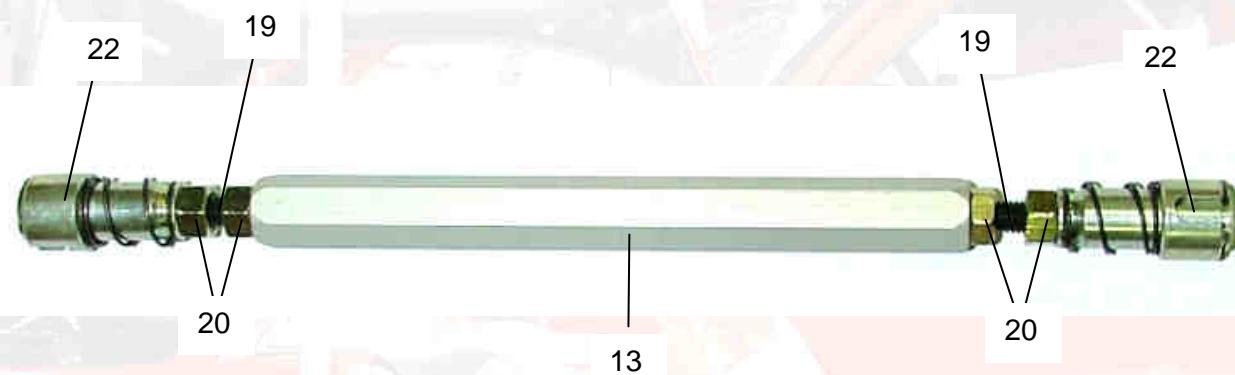


Connect loom (*rep. 12*) to ballasts, and fit it to stapples (*rep. 18*) with tie-raps.



Steady bar assembly :

- 1 – Assembly two headless screws (*rep.19*) on the steady bar (*rep.13*).
- 2 – Screw two nuts (*rep.20*) on each headless screws (*rep.19*) (Will be a jam nut for lamp pods setting).
- 3 – Screw locking nuts (*rep.22*) on each headless screws.



R6A
Lamp pods



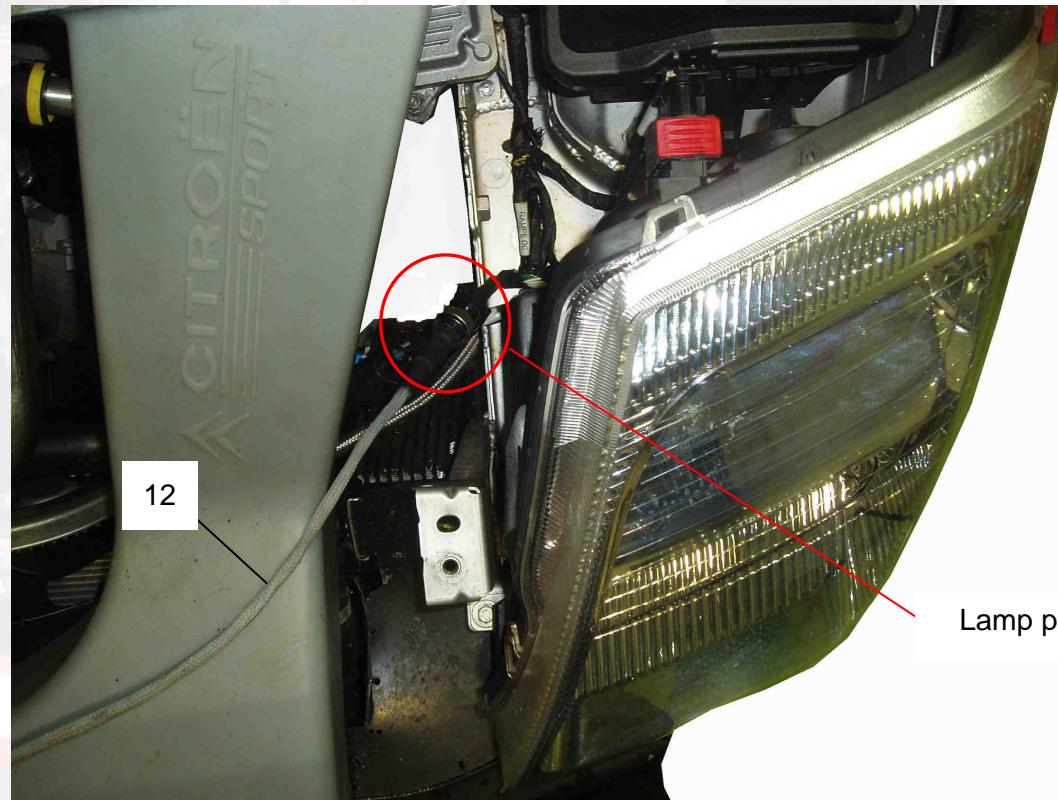
R
Body

Lamp pods on bonnet assembly :

Assembly lamp pods on the bonnet by using lock latches ([rep.8](#)). Assembly the steady bar on the lamp pods and drill the front bumper to fit the second spring-loaded angled ball-joint ([rep.22](#)). Connect the bottom of the steady bar and adjust the length of the steady bar to increase stiffness and cancel lamp pods vibrations.



Connect lamp pods loom (rep.12) to the front asservissement loom, as shown on the picture below :



R6A
Lamp pods



R
Body

Let pass the lamp pods loom between the bonnet and the front bumper, as shown on the opposite picture.



Lamp pods power :

Switch on the lamp pods by « Light » button on the carbon switch panels.

