



CITROËN
RACING

C71

TRANSMISSIONS

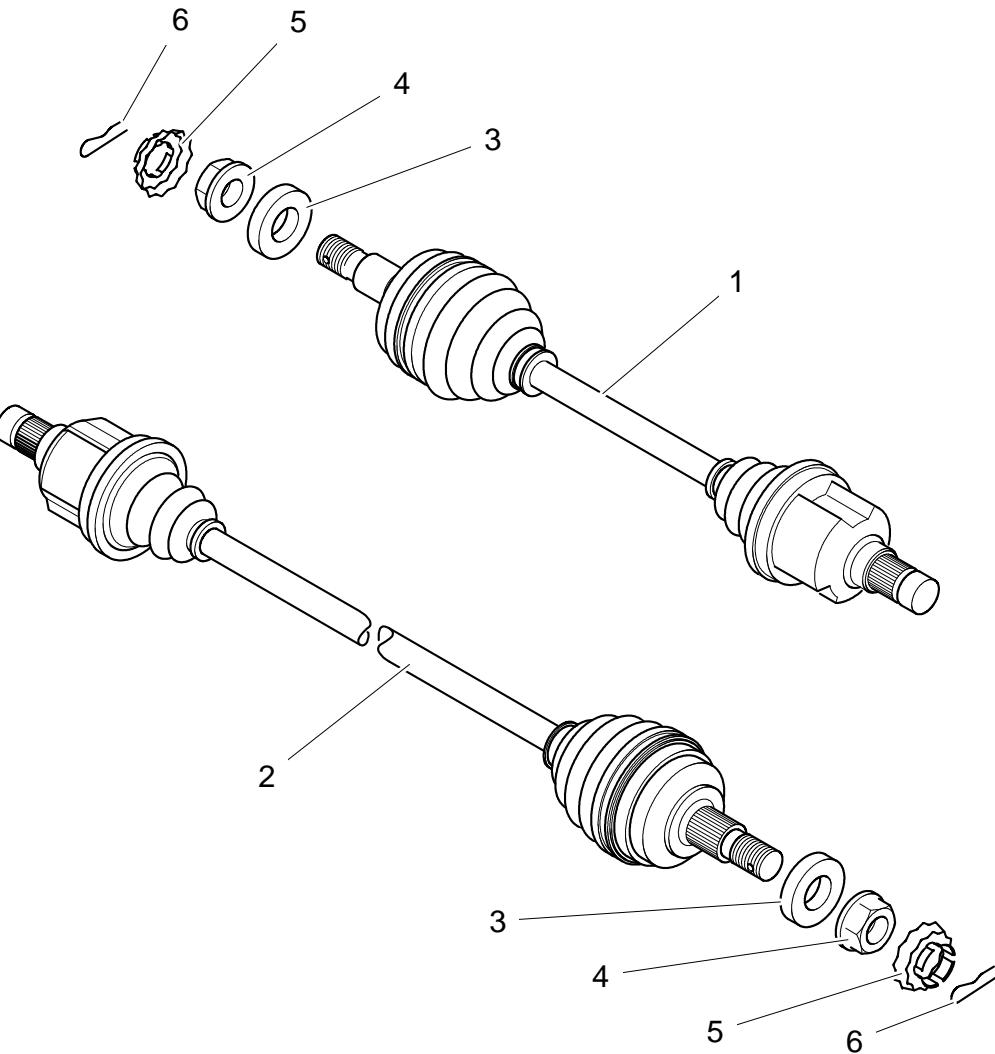


CITROËN
RACING



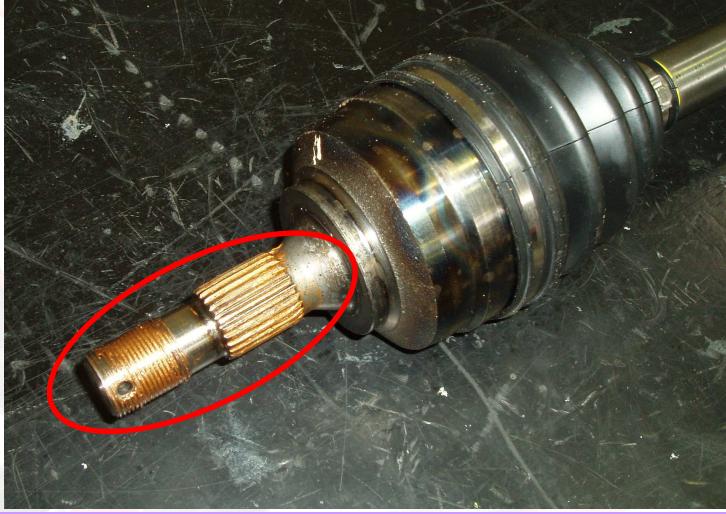
C2R2max

Version 02 – 02 April 2009

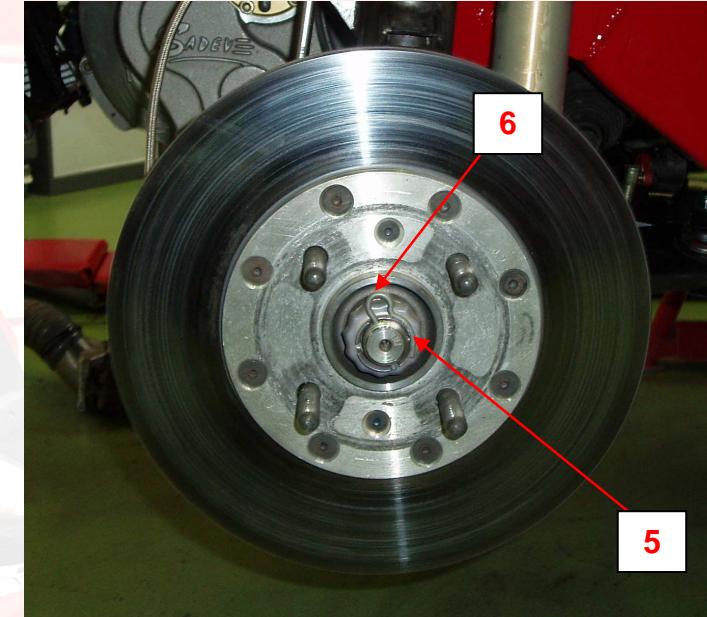


* Serial EVO1 Front hub has to be imperatively assembly with Left and Right driveshafts EVO1
ref 1C7163340A and ref 1C7163341A (transmission notice sheet, rev3)

Ref	Part number	Qty	Description
1	1C7161438C	1	Right driveshaft
2	1C7161439C	1	Left driveshaft
3	BCSP329715	2	Washer, thickness 10mm
4	BCSP329733	2	Transmission screw
5	BCSP329702	2	Lock washer
6	BCSP329703	2	Pin
1A	1C7163340A	1	* EVO1Right driveshaft for standard front hub upgrade.
2A	1C7163341A	1	* EVO1Left driveshaft for standard front hub upgrade.

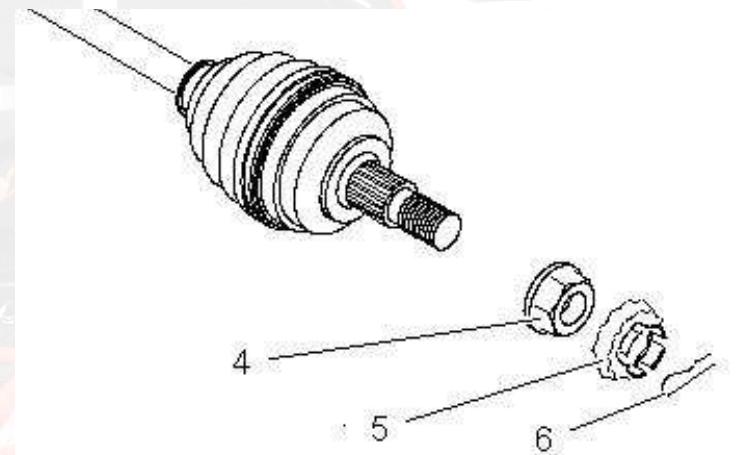
	<p>Apply copper grease on the threads and the grooves (wheel side only) of the drive shafts.</p>		<p>Copper grease</p>
	<p>Tighten the transmissions (! do not forget the washer ref. 3 !).</p> <p>⚠ Use a torque wrench in good conditions, checked and inspected.</p>		<p>24 m.kg</p>

Assemble the retainer (ref.5) with its pin (ref.6).



NOTA : Check the preload (24 m.kg) of both driveshafts every 100 kms maxi of test / special stages, on services as in the workshop.

NOTA : The assembly of EVO1 driveshafts is the same as the one described upper, except the nut ref3 (cancelled, as described on the drawing below).



Running-in the transmissions:

Step 1:

Vehicle on jack stands.
Stabilised engine speed: 3000 rpm.
Gear engaged: 5th
Cycle length: 5 min.

Step 2:

Proceed in the same way as step 1, steering the wheels to the left (max. angle 180°, i.e. one half- turn of the steering wheel) for 5 secs. Return to angle 0, then point to the right (identical maximum angle) during 5 secs. Alternate the left / right steering throughout the step.
Length of the step: 5 min

Step 3:

Proceed in the same way as step 2, increasing the steering angle to 360° (i.e. a complete turn of the steering wheel).
Length of the step: 5 min

Step 4:

Finish by a debugging on road over a distance of about 10 km, avoiding using maximum steering lock.