



CVJ – ENG/02 – 05/2019

CV BOOT KITS

Recommended clamp tightening procedures



Torque :

With HAZET 5110-2 CT plier
or CLAS plier

. Clamp L=10mm – $\varnothing < 50.5$

➤ Torque: $17.5 \pm 2\text{Nm}$

. Clamp L=10mm – $\varnothing \geq 50.5$

➤ Torque : $20 \pm 4\text{Nm}$

. Clamp L=7mm – $\varnothing \leq 120.5$

➤ Torque : $5 \pm 1\text{Nm}$

TYPE "OMEGA"

$\varnothing D$ (mm)	L (mm)	E p (mm)	P (N)	M_1 M_2 (mm)	$M_1 - M_2$ (mm)
< 60.5	10	0.8	$6130 \pm 323\text{N}$	1.2 ~ 4.0	≤ 0.4
> 60.5	10	1	$6960 \pm 323\text{N}$	1.2 ~ 4.0	≤ 0.4
< 120.5	7	0.6	$2550 \pm 150\text{N}$	1.2 ~ 4.0	≤ 0.4

TYPE "LOW-PROFILE"

BOOT CLAMP MUST BE
HOOKED SURELY

Caution

. If the clamp is **not tight enough** :

($M_1, M_2 > \grave{a} 4\text{mm}$)

➤ Grease leakage

. If the clip is **too tight**:

($M_1, M_2 < \grave{a} 1.2\text{mm}$)

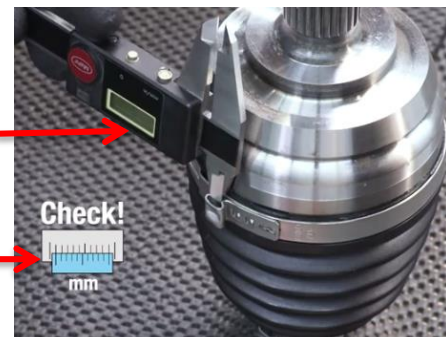
➤ The CV boot can split and allow grease to leak



Step 2 : Please respect the recommended clamp tightening procedures according to \varnothing and/or to the clamp width.

Step 3 : check the conformity of the tightening checking the gap the clamp side. (see the table)

Step 1 : Do the tightening of the clamp using the recommended tools – Hazet or Clas tool



CONSEQUENCES WITH BAD TIGHTENING

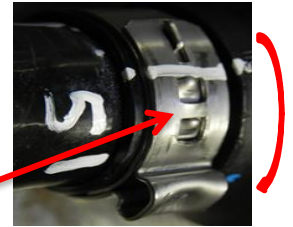
Tightening too weak

The radial compression of the boot is not enough.



Grease leakage

or



Clamp rotation

Tightening too strong/tight

The radial compression of the boot is higher to the acceptable limits by the boot. The compression will cause a cutting on the boot.



Cutting area on the boot caused by the deflection running

Recommendations

The manufacturers fitting instructions and specified torque setting should always be followed. The correct tools should always be used for the removal and fitment process.

Refer to the vehicle applications in our online catalogue: <http://lc.cx/catalog-ra>



**FOLLOW THE RECOMMENDATIONS
OF THE VEHICLE MANUFACTURER.**