

TECHNICAL BULLETIN No. 005-2011**27/06/2011****Model: DRD X-TREM 50 2T'10, DRD RACING 50 2T'10, GPR 50 2T, GPR 125 4T****Subject: Transmission and tightening torque clearance update.**

Dear Dealer,

Please note that it is important to correctly fix the transmission chain during predelivery and during following regular maintenance (see use and maintenance manual), as well as to correctly tighten the rear wheel axle nut and the chain tensioner, whose values are indicated in the workshop manual, in order to prevent that the transmission chain exits and then breaks.

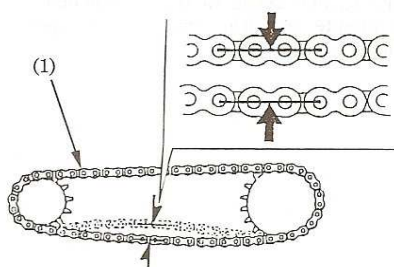
For this reason, you are kindly requested to inform the client that it is necessary to regularly check the tension and correct lubrication of the chain.

Please note that it was included a spring washer D8, Ref.: **00000033080** in the fixing screw of the wheel tensor plate, to assure the pressure and keep the tightening torque, on models DRD Racing 50 2T 2010, GPR 50 2T and GPR 125 4T.

(first chassis number DRD Racing 50: ZDPABA008BH481468)

(first chassis number GPR 50 2T: VTTRF1A1ABH481468)

(first chassis number GPR 125 4T: VTTRG1A1ABH481468)

Transmission chain clearance

Model	Chain clearance
DRD X-TREM 50 2T'10	From 40 to 45 mm
DRD RACING 50 2T'10	From 30 to 35 mm
GPR 50 2T	From 20 to 25 mm
GPR 125 4T	From 40 to 45 mm

Tightening torques

Model	Rear wheel axle	Screw / tensor nut
DRD X-TREM 50 2T'10	7- 8 kg.m (70-80N.m)	0.2 - 0.4 kg.m (2 - 4 N.m)
DRD RACING 50 2T'10	7- 8 kg.m (70-80N.m)	1.5 - 1.9 kg.m (15-19N.m)
GPR 50 2T	7- 8 kg.m (70-80N.m)	1.5 - 1.9 kg.m (15-19N.m)
GPR 125 4T	7- 8 kg.m (70-80N.m)	1.5 - 1.9 kg.m (15-19N.m)

Transmission chain clearance adjustment

- Loosen the rear wheel axle nut.
- If the chain has excessive clearance, tighten the screws fixing the wheel tensors, with the same number of turns for each side up to obtain the specified tension value.
- Make sure that the alignment signs of the wheel are correct. In case of doubt about the correct alignment of the wheel, check with a ruler.
- Tighten the wheel axle nut to the specified value.
- Tighten the chain tensioner screw to the specified value.

WARNING

If the wheel is not correctly aligned, the wear process is accelerated and the chain may get out the toothed wheel, causing risk situations.

Best regards,

PIAGGIO & C. S.p.A.

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