

<b>INFORMAZIONE TECNICA</b> <i>TECHNICAL INFORMATION</i>	<b>N° 984.163-GB</b>	<b>15-09-2009</b>	Reviewed by		<b>GSR S.p.A.</b> <i>Modulo 7.3.05 Rev. 00</i>
			N°	date	
Title <b>Turret rotation system checking instructions.</b>					Pagina - Page 1 of 1

These instructions must be adopted by all owners, users and maintenance technicians of GSR machines for the use, maintenance, recording of tasks and personnel training.



## WARNING

In compliance with instructions contained in the documentation supplied with the machine and proper working practices it is brought to your attention that failure to carry out scheduled maintenance work involving the periodic checking of turret fixing screw tightening torques (e.g. screws not tightened) can result in situations critical for the working life of the entire system.

You are therefore invited to check for proper tightening of turret rotation centre plate screws as follows:

- Clean the area to be checked and position the machine in its transport position (arm set down).
- First, check screws by hand to see if they are loose.
- Use an appropriate torque wrench to identify the torque at which screws are tightened.
- Even if just one screw is loose (or has a tightening torque lower than required), suspend use of the machine and contact an authorised GSR workshop immediately to have structural integrity restored.

N.B. Loose bolts must be replaced together with the 2 adjacent ones.

Record results of tightening torque checks in the machine documentation and consult it to see whether previous checks have been carried out properly. If there is no evidence of such checks you must have a structural integrity check carried out by an authorised GSR workshop.

To aid this task please refer to the tightening torque summary table below; this regards screws currently in use on GSR aerial platform centre plates.

Diameter	Degree of resistance	Wrench for hexagonal head	Estimated tightening torque
M12	8.8	19	68.8 Nm
M12	10.9	19	96.8 Nm
M16	8.8	24	170.3 Nm
M16	10.9	24	239.5 Nm