MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

WOODWARD

A8516039/8516-038

TG-13 MECHANICAL-HYDRAULIC GOVERNOR

Used with the applicable Woodward TG-13 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Woodward TG-13/TG-17 manual 04042

WOODWARD

Product Change Notification **07002**
(Revision A, 2/2025)

Woodward TG-13 and TG-17 Legacy Mechanical Governors (Excludes TG13E and TG17E)

Product Change

Woodward's TG-13 and TG-17 governor product lines are very important to Woodward and influential in the turbine marketplace. Some changes are being made to the product lines to better align the latest features and options with current market needs. Below are two tables that provide a clear "Preferred" item number that will remain available and a cross-reference to items that will enter a Last Time Buy window and inactivated by an effective date. Once this date arrives, the inactivated part numbers will no longer be available for purchase.

Last Time Buy Description

Beginning March 31st, 2026, these Last Time Buy items will no longer be available for purchase from Woodward. Woodward will offer repair and overhaul services for these items until March 31st, 2031, along with full support of the product while under its original factory warranty.

Affected Units With Preferred Replacements

TG-13 Migration Table											
Preferred Item Number	Description	Work Output (ft lbs)	Speed Setting	Rated Speed	High Speed @ 2°	Rated Speed @ 38°	Rated Speed @ 2°	Low Speed @ 2°	OTD Speed	Drive Rotation	Last Time Buy Item Number
8516-175	TG611-13 (2400 RPM) ATEX COMPLIANT, w/OTD	12	Screw	2400	2900	1800	2010	1200	2800	CCW	8516-038
8516-176	TG611-13 (2400 RPM) ATEX COMPLIANT, w/OTD	12	Screw	2400	2900	1800	2010	1200	2800	CW	A8516-038
8516-177	TG611-13 (2400 RPM) ATEX COMPLIANT, w/OTD	12	Screw	2400	2900	1800	1950	1200	2800	CW	B8516-038
8516-178	TG611-13 (2400 RPM) ATEX COMPLIANT, w/OTD	12	Screw	2400	2900	1800	1950	1200	2800	CCW	C8516-038
8516-179	TG611-13 (4000 RPM) ATEX COMPLIANT, w/OTD	12	Screw	4000	4500	3600	4035	2400	4400	CCW	8516-039
8516-180	TG611-13 (4000 RPM) ATEX COMPLIANT, w/OTD	12	Screw	4000	4500	3600	4035	2400	4400	CW	A8516-039
8516-181	TG611-13 (4000 RPM) ATEX COMPLIANT, w/OTD	12	Screw	4000	4500	3600	3910	2400	4400	CW	F8516-039
8516-182	TG611-13 (4000 RPM) ATEX COMPLIANT, w/OTD	12	Screw	4000	4500	3600	3910	2400	4400	CCW	G8516-039
8516-183	TG611-13 (6000 RPM) ATEX COMPLIANT, w/OTD	12	Screw	6000	6700	5400	6050	4000	6600	CCW	8516-040
8516-184	TG611-13 (6000 RPM) ATEX COMPLIANT, w/OTD	12	Screw	6000	6700	5400	6050	4000	6600	CW	A8516-040
9904-814	TG13 (2400 RPM) ATEX COMPLIANT	12	Screw	2400	2900	1800	2010	1200	None	CCW	8516-038
9904-815	TG13 (2400 RPM) ATEX COMPLIANT	12	Screw	2400	2900	1800	1950	1200	None	CW	B8516-038
9904-816	TG13 (2400 RPM) ATEX COMPLIANT	12	Screw	2400	2900	1800	1950	1200	None	CCW	C8516-038
9904-817	TG13L (2400 RPM) ATEX COMPLIANT	12	Lever	2400	2900	1800	2010	1200	None	CCW	8516-041
9904-818	TG13L (4000 RPM) ATEX COMPLIANT	12	Lever	4000	4400	3600	3910	2400	None	CW	C8516-042 Not Available, ATEX Only
9904-819	TG13L (4000 RPM) ATEX COMPLIANT	12	Lever	4000	4400	3600	3910	2400	None	CCW	D8516-042 Not Available, ATEX Only
9904-820	TG13 (4000 RPM) ATEX COMPLIANT	12	Screw	4000	4400	3600	3910	2400	None	CW	F8516-039
9904-821	TG13 (4000 RPM) ATEX COMPLIANT	12	Screw	4000	4400	3600	3910	2400	None	CCW	G8516-039
9904-822	TG13 (6000 RPM) ATEX COMPLIANT	12	Screw	6000	6600	5400	5860	4000	None	CCW	J8516-040
9904-823	TG13 (6000 RPM) ATEX COMPLIANT	12	Screw	6000	6600	5400	5860	4000	None	CW	H8516-040
9904-824	TG 13L (2400 RPM) ATEX COMPLIANT	12	Lever	2400	2900	1800	1950	1200	None	CW	B8516-041
9904-825	TG13L (6000 RPM) ATEX COMPLIANT	12	Lever	6000	6600	5400	5860	4000	None	CW	B8516-043 Not Available, ATEX Only
9904-826	TG13L (6000 RPM) ATEX COMPLIANT	12	Lever	6000	6600	5400	5860	4000	None	CCW	C8516-043 Not Available, ATEX Only
9904-827	TG13 (2400 RPM) ATEX COMPLIANT	12	Screw	2400	2900	1800	2010	1200	None	CW	A8516-038
9904-828	TG13 (4000 RPM) ATEX COMPLIANT	12	Screw	4000	4400	3600	4035	2400	None	CW	A8516-039
9904-830	TG13 (4000 RPM) ATEX COMPLIANT	12	Screw	4000	4400	3600	4035	2400	None	CCW	8516-039
9904-831	TG13L (4000 RPM) ATEX COMPLIANT	12	Lever	4000	4400	3600	4035	2400	None	CCW	8516-042 Not Available, ATEX Only
9904-832	TG13L (6000 RPM) ATEX COMPLIANT	12	Lever	6000	6600	5400	6000	4000	None	CCW	8516-043 Not Available, ATEX Only
9904-833	TG13 (6000 RPM) ATEX COMPLIANT	12	Screw	6000	6600	5400	6050	4000	None	CCW	8516-040
9904-834	TG13 (6000 RPM) ATEX COMPLIANT	12	Screw	6000	6600	5400	6050	4000	None	CW	A8516-040