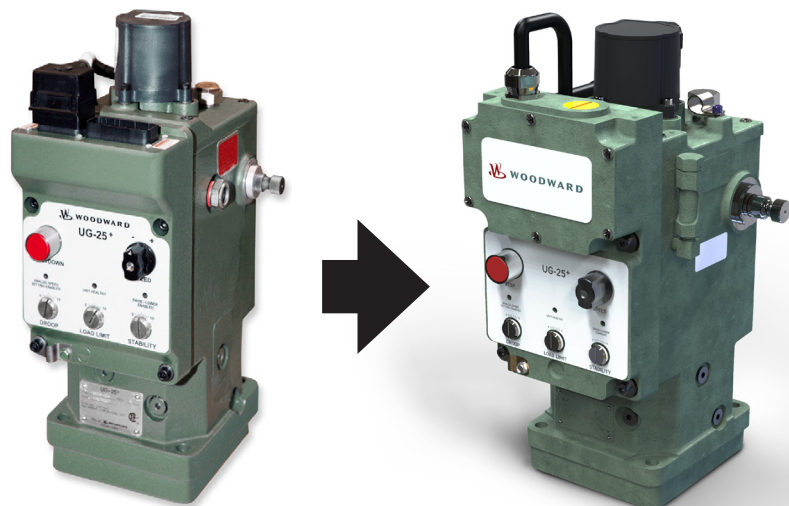


October 2019

Woodward UG-25⁺

Upgrade From Version P0/P1 to P3





Introduction

Woodward has released the next generation UG-25+ governor entitled "P3" and Turner ECS has been appointed as a Woodward Certified Overhaul Partner (COP) for the upgrade program.

About the Upgrade

The UG-25+ P3 governor is a fully compatible replacement product for all previous versions, which ceased production on April 1st 2012 and ceased support on January 1st 2014. Woodward recommends that customers upgrade all previous UG-25+ versions to P3 at the next service overhaul. This upgrade program is only offered through selected Woodward COPs who are able to convert the customer wiring from connector directly into the P3's terminal box through a cable gland.

Affected Part Numbers

8528-001	8528-002	8528-003	8528-004	8528-005	8528-006
8528-007	8528-008	8528-009	8528-010	8528-011	8528-014
8528-019	8528-020	8528-022-1	8528-022-4	8528-026	
8528-0001	8528-0001-1	8528-0001-2	8528-0001-3	8528-0001-4	
8528-0003	8528-0003-1	8528-0003-2	8528-0003-3	8528-0003-4	
8528-0004	8528-0004-1	8528-0004-2	8528-0004-3	8528-0004-4	8528-0004-5
8528-0005	8528-0005-1	8528-0005-2	8528-0005-3	8528-0005-4	8528-0005-5
8528-0007-1	8528-0005-1	8528-0007-3	8528-0007-4	8528-0007-5	8528-0008-5
8528-0008	8528-0007-2	8528-0008-2	8528-0008-3	8528-0008-4	
8528-0009	8528-0008-1	8528-0009-2	8528-0009-3	8528-0009-4	8528-0009-5
8528-0010	8528-0009-1	8528-0010-2	8528-0010-3	8528-0010-4	8528-0010-5
8528-0011	8528-0010-1	8528-0011-2			
8528-0012-1	8528-0011-1	8528-0012-3	8528-0012-4	8528-0012-5	8528-0012-6
8528-0013	8528-0012-2	8528-0015	8528-0016	8528-0017	8528-0018
8528-0019	8528-0014				

IMPROVEMENTS

- Increased service interval from 12 000 to 20 000 hours
- Reduced sensitivity to vibration
- Improved vibration resistance of front knobs
- Improved vibration resistance of the user interface panel
- Cable gland instead of connector to improve wiring termination

Turner ECS is one of a select number of Woodward AISFs chosen by Woodward to offer end-user service, support and upgrades on the UG-25+ governor.



Woodward's Next Generation UG-25+ | Upgrade From Version P0/P1 to P3

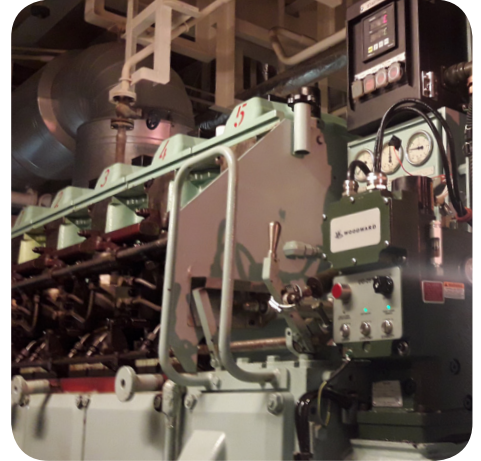
Examples of UG-25+ upgrades performed by Turner ECS



Mirrlees Blackstone 80G



Wärtsilä 8L20



Hyundai Himsen H21/32



ABC 6-MDZC

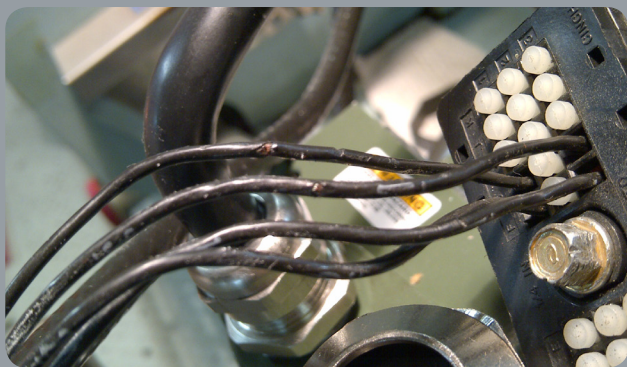


Yanmar 6EY22



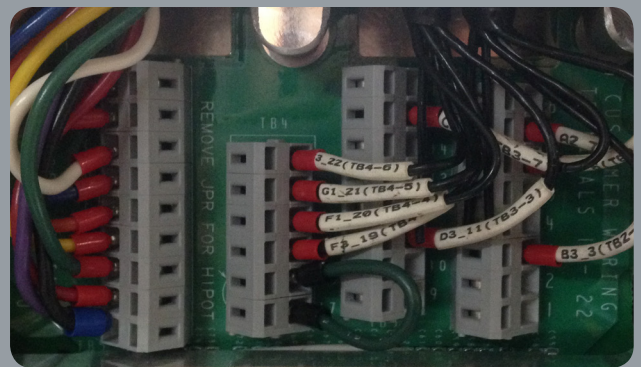
Mitsubishi S6U

BEFORE



Connector wiring (P0/P1)

AFTER



Wiring behind front panel through glands (P3)

Turner Range of Services

LSTK Projects, Retrofits & Upgrades
Turner ECS delivers reliable retrofit solutions for a wide range of prime movers and other applications. This includes lump sum turnkey projects on turbines and compressors.

Genuine Parts & Service Exchange
Turner ECS has the largest stock of parts, service exchange governors and electronics in Europe and can provide a fast turnaround service.

Product Training
Turner ECS can provide official Woodward product training covering both theoretical and practical training on a wide range of Woodward products.

Electronic Repair & Mechanical Governor Overhaul Service
Turner ECS provides a comprehensive overhaul and repair service for electronic, mechanical and hydraulic governors.

World Wide Field Service
Turner ECS field service engineers and technicians provide comprehensive solutions for commissioning and on-site repair.

Service Contracts
Turner ECS provides long term service contracts to support users with Woodward governors and/or control products and electronic control systems.

ROTATING EQUIPMENT CONTROL SOLUTIONS DELIVERED ACROSS EUROPE & THE MIDDLE EAST

Turner ECS is an official Woodward Channel Partner with offices located in:

- The Netherlands
- England
- Germany
- Italy
- Abu Dhabi
- Qatar
- Saudi Arabia

Turner ECS also operates and manages an extensive network of official agents throughout Europe & the Middle East

CONTACT INFORMATION

Turner Engine Control Solutions B.V.
Dirk Storklaan 76
2132 PX Hoofddorp
The Netherlands

Mail: sales@turner-ecs.com
Tel: +31 (0) 23 566 23 00
Fax: +31 (0) 23 564 27 27
Web: www.turner-ecs.com

