



Woodward Governor Company  
1000 East Drake Road  
P.O. Box 1519  
Fort Collins, CO 80522-1519 USA  
Tel: 970-482-5811  
Fax: 970-498-3058

November 13, 2006

SUBJECT: Product Support for 2301A products

The 2301A product line is a very important control product line to Woodward and its engine and turbine market offerings. As a result this product line is expected to be actively sold for many years to come. As long as our customers are buying significant quantities of these products, they will continue to be fully supported. The 2301A product line has matured over several years, and with this change, several products have been replaced with newer more robust product part numbers. Please refer to the below Product Support List to understand what the current product life is of your respective product, and or what the replacement product number is.

As with all products, there will come the time when Woodward will need to discontinue production. Recognizing that customers use these products on critical equipment with extended lifetimes, Woodward has implemented a post-life support plan to support our customers for the life of the equipment. When the time comes to rationalize a product Woodward will follow its standard rationalization plan as we have for other electrical products. The typical notification prior to rationalization is one year. Upon notification of the end-of-production life for a specific product the following support plan applies:

1. Notification of product end-of-production life (typically 1 year before end of production date):
  - Unlimited new sales
  - Unlimited spare modules
  - Unlimited repairs
  - Replacement exchanges with available service stock
2. End of product production life date and **Years 0-2** post production:
  - Unlimited spare modules
  - Unlimited repairs
  - Replacement exchange with available service stock
3. **Years 2-5** post production:
  - Limited spare modules based on parts availability
  - Unlimited repairs
  - Replacement exchange with available service stock
4. **Years 5-10** post production:
  - Repairs based on parts availability
  - Replacement exchange with available service stock
  - Replacement product utilizing same algorithms and logic where applicable
  - Availability of design drawings such that customer can produce the part themselves (with signed "proprietary drawing and assumption of liability and release agreement")



5. **Years 10-20** post production:

- Replacement exchange with available service stock
- Replacement product utilizing same algorithms and logic where applicable
- Availability of design drawings such that customer can produce the part themselves (with signed “proprietary drawing and assumption of liability and release agreement”)

Part #	Description	End of Production Date	Replaced by
8272-614	2301A LS & SPEED	9/20/1996	9905-028
9905-028	2301A LS & SPEED (LV)	7/1/2010	TBD
9905-017	2301A LS & SPEED (LV)	7/1/2010	TBD
8272-733	2301A PROC & LS SPD	7/1/2010	TBD
8272-738	2301A PROC & LS SPD	7/1/2010	TBD
8272-608	2301A PROC. & LS SPD	9/20/1996	9905-028
8272-663	2301A PROC. & LS SPD	9/30/1996	8272-738
8272-739	2301A TEMP & LS SPD	7/1/2005	8273-127
8272-742	2301A TEMP & LS SPD	7/1/2005	8273-127
9905-096	AUTO GEN LOADING	7/1/2020	TBD
9905-797	DSLCL, +/-3V, OPEN DELTA, 120, FULL	7/1/2010	TBD
5430-870	EGA	12/23/1998	PER APPLICATION
8290-048	GENERATOR LOAD	7/1/2020	9907-173
8271-468	GENERATOR LOADING/AC	7/1/2010	TBD
9907-018	L.V. 2301A CE LSSC FWD ASSY	7/1/2020	TBD
9907-019	L.V. 2301A CE LSSC REV ASSY	7/1/2020	TBD
9907-173	LOAD SHARING 120 VOLT (ANALOG) CE,UL/CUL	7/1/2010	TBD
8239-082	LOAD SHARING INTERFACE MODULE (LSIM)	7/1/2010	TBD
8271-756	MOTOR OPERATED POTENTIOMETER	7/1/2020	TBD
8272-277	MOTOR OPERATED POTENTIOMETER	7/1/2005	TBD
8270-048	MOTOR OPERATED POTENTIOMETER	9/2/1999	NONE
8272-686	MOTOR OPERATED POTENTIOMETER	7/1/2005	TBD
8270-048	MOTOR OPERATED POTENTIOMETER	9/2/1999	NONE
8271-851	PARALLELING PHASE	7/1/2005	TBD
9905-090	PROCESS (LOW SIGNAL)	7/30/2002	9905-007
9905-005	SPM-A	9/2/1999	9907-028
9905-002	SPM-A (VM5)	7/1/2005	9907-029
9907-029	SPM-A STD VOLTAGE MATCHING (EMC)	7/1/2020	TBD
9905-001	SPM-A STD W/O VM	9/2/1999	9907-028
8272-228	VM SPM 50/60 HZ	12/14/1995	9907-028

Parts obsolescence from electronic manufacturers can present a challenge to post-life support plans. Woodward strives to hold inventory, or look for alternative parts when components are obsoleted. However, there are times when components can simply not be obtained and where sufficient last-time buys cannot be made. In these cases, Woodward cannot always guarantee that we can maintain the rationalization support plan.

Best Regards,  
**Rich Kamphaus**  
**Turbomachinery Controls Product Line Manager**  
**Woodward Industrial Controls**