



perfection servo hydraulics, inc.

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SERVICE REPORT

JOB #	E-131846	MANUFACTURE	RELIANCE
REPORT DATE	5/13/2009	MODEL #	1SU51005
CUSTOMER		SERIAL #	SCS1SU521
P.O. #	215202842		

PROBABLE CAUSE OF FAILURE

- COMPONENT
- ENVIRONMENT
- EXTERNAL EQUIPMENT
- INTERMITTENT
- OTHER

Zener diode was open, Transformer windings were shorted, and the output module was shorted.

COMPONENTS REPLACED

Zener Diode, IGBT Module, Transformer.
Optocouplers replaced for preventative maintenance.

LEVEL OF TESTING

- COMPONENT
- BENCH
- FUNCTIONAL
- SYSTEMS

PREVENTIVE MAINTENANCE

- CLEANED PCB OF FLUX
- CONFORMAL COATING
- REFLOW SOLDER JOINTS
- UPGRADED COMPONENTS

- DUE TO EXTENSIVE DAMAGE, THE PARAMETERS HAVE BEEN SET TO FACTORY DEFAULTS. PLEASE RE-CONFIGURE THE PARAMETER SETTINGS FOR YOUR SPECIFIC APPLICATION.
- UNIT MAY REQUIRE MINOR FIELD CALIBRATION/ADJUSTMENT FOR YOUR SPECIFIC APPLICATION.
- PLEASE VERIFY JUMPERS AND/OR SWITCH SETTINGS FOR YOUR SPECIFIC APPLICATION.

COMMENTS

Parameters were restored to their default settings for testing. Please reset them as necessary before full operation. Tested for two hours under a motor load.

We appreciate your business and look forward to serving you in the future.