



Technical Bulletin

Number: 074
Date Issued: 01/06/09

Subject/Key Words:	Ordering Programmed Robot Motor Controllers and Amplifiers; Standard GAMA, Gantry GAMA, Rearmount Wetstations; Problems with Un-programmed Controllers and Amplifiers			
Classification:	<input checked="" type="checkbox"/> Informational	<input type="checkbox"/> Mandatory	<input type="checkbox"/> Safety Alert	<input type="checkbox"/> PM Impact
	<input type="checkbox"/> Warranty Impact	<input type="checkbox"/> Purchase Parts	<input type="checkbox"/> No Charge For Parts For ____ Days After Issue Date.	
Applicable Akrion Systems Procedures:	OP1610 Programming Instructions for DMC2 Servo Drives (intended for factory use only); OP0609 GAMA Gantry Robot (GGR) Training Manual			
Parts/Reference Documents:	TB 29 DMC2 Robot Failures			

Issue: Robot motor controller and amplifier part numbers listed on Akrion assembly drawings are for un-programmed units. Ordering un-programmed controllers and amplifiers has resulted in installation problems and delays.

Symptoms: No response from controllers or amplifiers during phase alignments or reset or home sequences.

Solution: Updates have been made to internal routings and extended descriptions in Visibility to help ensure all motor controllers and amplifiers ordered are properly programmed at the factory prior to shipment. All units should be ready to install out of the box with no field programming necessary. Use the following part numbers and descriptions when ordering. Update your print and customer documentation with this information.

Programmed DMC2 Controllers

Description	Part Number	Description	Part Number
GAMA Vertical M406D	208324-002	GAMA/RMR Horiz M406D	208325-002
RMR Vertical M406D	208324-003	GAMA/RMR Horiz M406D	208325-002
GAMA Vertical S32	208324-004	GAMA/RMR Horiz S32	208325-004
RMR Vertical S32	208324-005	GAMA/RMR Horiz S32	208325-004

Programmed Gantry Controller and Amplifiers

Description	Part Number	Description	Part Number
PROGRAMMED MTN COORD TRIO 24	226046-001	PROGRAMMED AMP SVO DC BRLS DIG	226047-001

Note: Gantry amplifiers (226047-001) must be specified as horizontal or vertical to ensure proper factory programming.

If you have technical questions or require more information, please contact Akrion Systems Technical Support Department via e-mail at techsupport@Akrionsystems.com. Authorized service personnel can obtain copies of the latest Akrion Systems procedures and controlled documents from the Akrion Systems Document Control department at doccontrol@Akrionsystems.com. Customers must direct all inquires to their local Akrion Systems field service representative. (Form QA1656F1A)