ALLEN-BRADLEY

1326AB Resolver Feedback Package

(Cat. No. 1326AB-MOD-Vx x:x)

Instructions

Introduction

The purpose of this publication is to provide the information needed to mount the 1326AB-MOD-Vx x:x Resolver Feedback Package to a 1326AB AC Servomotor.

The components contained in the kit include:

(1) Resolver Assembly
(1) Gasket
(1) Flexible Coupling
(3) Hex Head Screws and Lockwashers
(2) Allen Wrenches (for hex head screws and flexible coupling)

Important: If the resolver is being used with a series B or C 1326AB servomotor, a 1326AB-MOD-Mxx Mounting Adapter Kit must also be ordered.

Installation

ATTENTION: If the motor is currently wired into a system, assure that all power to the motor has been removed before installing the resolver to avoid a shock hazard.

1. Remove the backplate from the end of the motor.
2. Thoroughly clean the shafts, coupling bores and mounting faces to remove oil or any other substance that may be present.
3. Using the supplied allen wrench, attach the flexible coupling to the stub shaft of the motor. When tightening, use no more than 16-18 lb.-in. (1.8-2.0 N-m) of torque. The shaft must be visible through the spacings in the coupling.

   Important: The coupling is a flexible type which must be installed in a relaxed state (not compressed or stretched). Installation in the compressed state will limit the ability of the coupling to flex adequately. Installation in a stretched condition may exceed the couplings yield point when flexed. Either condition will shorten the life of the coupling.

4. Attach the gasket to the resolver housing.
5. If the resolver is being mounted to a 1326AB-Bxx or Cxx series servomotor, the 1326AB-MOD-Mxx Mounting Adapter must be installed at this point.
6. Insert the resolver shaft into the coupling. Fasten the resolver housing to the motor using the three screws and lockwashers supplied.
7. Remove the plastic plugs from the two threaded resolver ports. Rotate the coupling in relation to the unfastened shaft, allowing the coupling to seek a normal resting position.

   Important: Assure that the coupling is not compressed or stretched after it has reached its normal aligned position.
8. Fasten the coupling to the resolver shaft through the port(s).When tightening, use no more than 16-18 lb.-in. (1.8-2.0 N-m) of torque. Assure that light can clearly be seen between all coupling spacings.
9. Connect the appropriate Allen-Bradley 1326-CVU cable to the threaded resolver connector.
10. Check for proper operation.

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