

This manual only summarizes how to handle the linear servo motor.
Refer to the Installation Guide and/or other manuals for details of storage, operating environment, installation, wiring, adjustment and disposal.

Strong magnet - Handle carefully

On the secondary side, large force of attraction is generated between the product and magnetic substance.
Your hands may be caught.
Keep any equipment, which may malfunction due to magnetic force, away from the product.
Any person who is fitted with a pacemaker should not handle the product.

1. General instructions

- (1) Any person who handles the linear servo motor should possess adequate knowledge of the linear servo motor and can predict hazards.
- (2) The magnetic force generated by the linear servo motor can harm human bodies and objects during other than direct work such as installation of the linear servo motor. After assembling the linear servo motor to a machine/device, mark "Strong magnet - Handle carefully", for example, to urge the other assemblers, users, etc. to be careful.
- (3) Store, transport, install or remove the product in the specified environment.

2. Storage and transportation

- (1) Store or transport the product in the specified package.
- (2) Do not hold the leads of the primary side during work.
- (3) Do not remove the secondary side from the jig until it is securely fixed to the machine/device.

3. Installation/removal

- (1) The secondary side contains a strong permanent magnet. When handling it, be extremely careful of the surrounding environment (including anything you wear) during the work.
When a magnetic substance approaches, the secondary side generates large force of attraction, creating hazards.
- (2) Install or remove the product in accordance with the predetermined procedure.
- (3) Use non-magnetic tools to install or remove the product.
- (4) For installation/removal, use a special-purpose jig designed to ensure safety.
- (5) Because of its force of attraction, the secondary side may also create hazards when it is mounted on an exclusive jig. When fitting the exclusive jig, also use auxiliary jig or like to ensure safety.
- (6) Assemble or remove the primary side after moving it away from the secondary side. If there is no place where the primary side cannot be moved away from the secondary side, install or remove part of the secondary side to secure the place where the primary side can be moved away, being careful of the above instruction.
- (7) Do not leave the unpacked product unattended.

4. Disposal

- (1) Dispose of the primary side as industrial waste.
- (2) Dispose of the secondary side after heating it at higher than 300 °C for demagnetization. If you cannot demagnetize the product, please pack and return it to Mitsubishi.