

Date	Prepared by	Approved by	Document no's	Revision
21 Jun 2019	Ray Ling	Pat Yeo	MS-RETKITRPM-001	0

SPHERICAL ANTENNA RET KIT REPLACEMENT MANUAL

TABLE OF CONTENTS:

1.00 ANTENNA REAR VIEW

2.00 PRE-INSTALL PREPARATION

- 2.01 Connect Using AISG Interface
- 2.02 Make Sure is Set to 0°

3.00 RET KIT REPLACEMENT

- 3.01 Cut and Remove Cable Tie
- 3.02 Remove RET Actuator
- 3.03 Secure the Remove RET Actuator
- 3.04 Remove Controller Screws
- 3.05 Install New Set Of Controller
- 3.06 Tilt Setting
- 3.07 Install New RET Actuator
- 3.08 Dressing Cable And Tie Onto the Frame

4.00 MATERIALS

- 4.01 RET KIT (For Model 6.3)
- 4.02 M4 x 15mm Self Tapping Screws
- 4.03 Cable Tie (Optional)
- 4.04 M4 x 10 mm Hex Screw

5.00 TOOLS (Not Included)

- 5.01 Cutter, Screw Driver & Hex Key

Revision History:

Date	Description	Revised by	Revision nos.

1.00 ANTENNA REAR VIEW

MS-6.3DB90

ANTENNA REAR VIEW

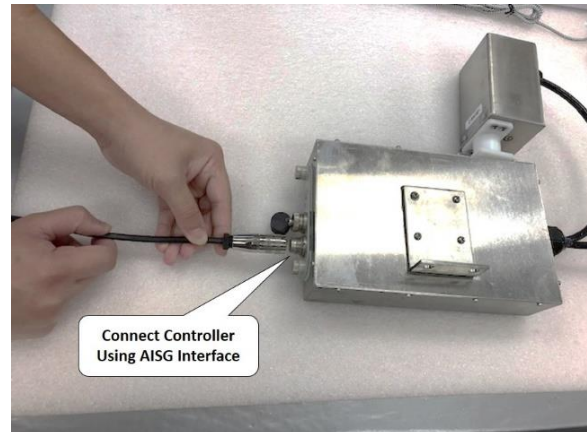


2.00 PRE-INSTALL PREPARATION

New RET KIT Should be Factory Set to 0°

Test it to double check by using AISG interface before beginning installation.

2.01 Connect Using AISG Interface



2.02 Make Sure is Set to 0°

Amphenol Antenna Solutions - Antenna Line Device Control

File Scan Tools About

Amphenol ANTENNA SOLUTIONS

RET Edit Set Tilt Clear Alarm Self Test Reset

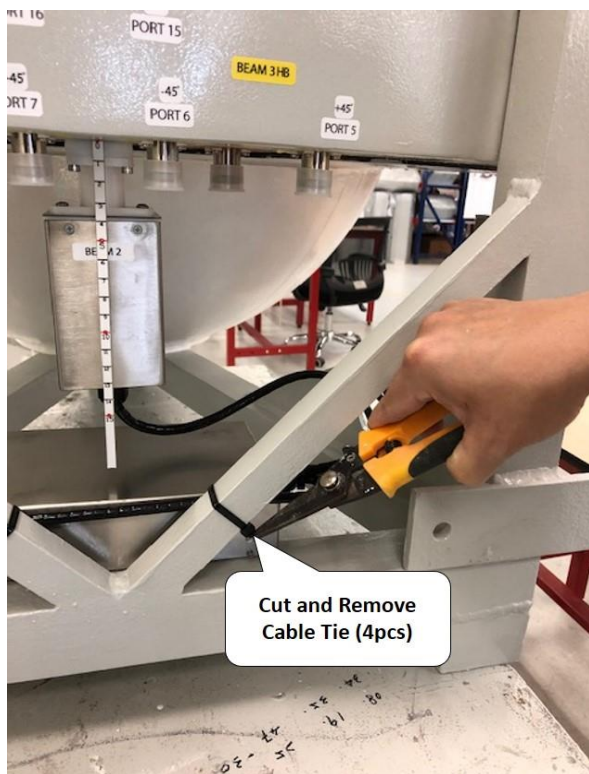
Sector ID	Bearing	Freq. Band	Vendor	Antenna Model	Antenna Serial No.	RET Serial No.	Elec. Tilt	Mech. Tilt	Total Tilt	Device Status
B100	0	1700/850	MS	MS-6.3DB90	MS-6.3DB90-216	ZZMS-6.3RET-216MM	0.0	0.0	0.0	OK
B201	0	1700/850	MS	MS-6.3DB90	MS-6.3DB90-216	ZZMS-6.3RET-216MM	0.0	0.0	0.0	OK
B302	0	1700/850	MS	MS-6.3DB90	MS-6.3DB90-216	ZZMS-6.3RET-216MM	0.0	0.0	0.0	OK

Test the Replacement RET KIT to make sure it is Set to 0°
(If it is not adjust to all units to 0°, This can be done using AISG Interface.)

Port : COM 0 AISG

3.00 RET KIT REPLACEMENT

3.01 Cut and Remove Cable Tie (4pcs)



3.02 Remove RET Actuator



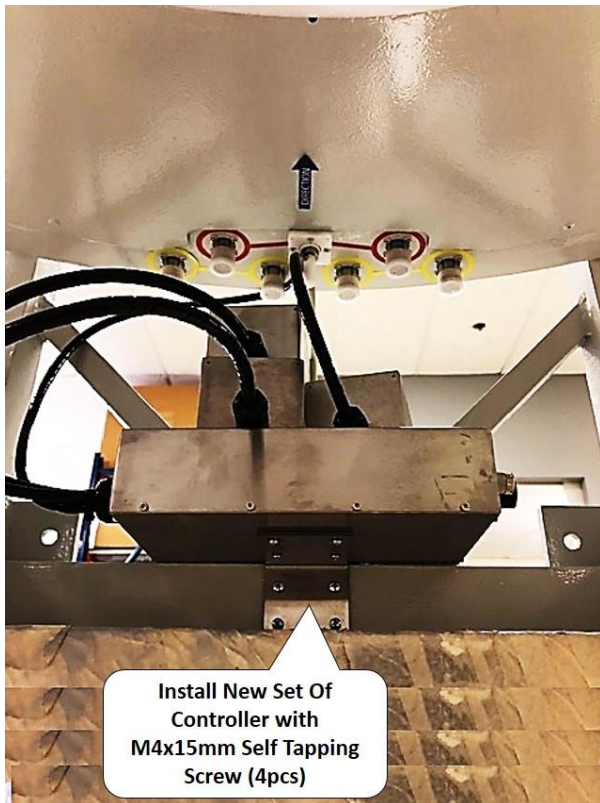
3.03 Secure the Removed RET Actuator



3.04 Remove Controller Screws



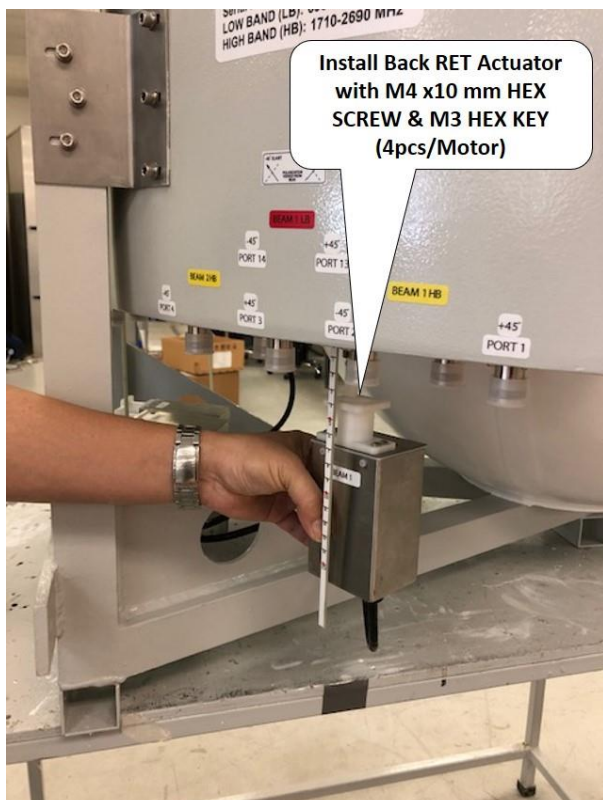
3.05 Install New Set Of Controller



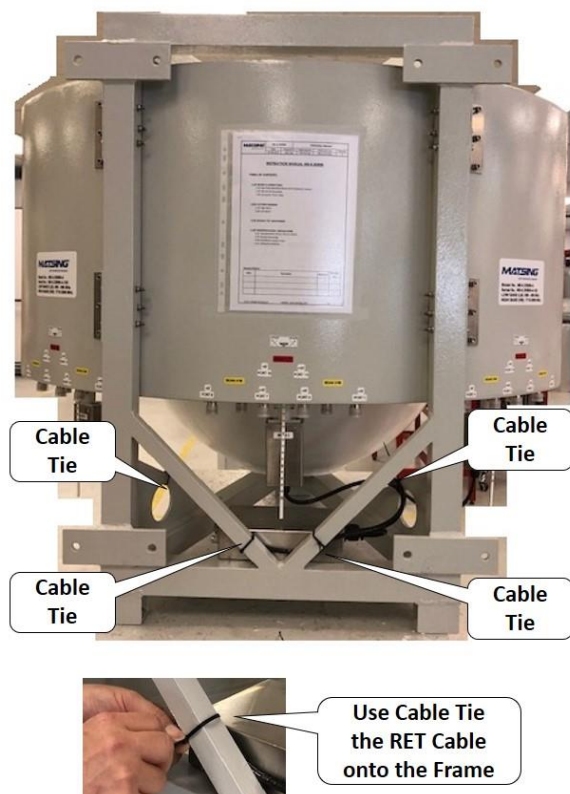
3.06 Tilt Setting



3.07 Install New RET Actuator



3.08 Dressing Cable And Tie Onto the Frame



4.00 MATERIALS

4.01 RET KIT (For Model 6.3)



4.02 M4 x 15mm Self Tapping Screws



4.03 Cable Tie (Optional)



4.04 M4 x 10 mm Hex Screw



5.00 TOOLS (Not Included)

5.01 Cutter, Screw Driver & Hex Key

