

# ROT GENERAL SERVICE REGIME

PART	PART NUMBER	ACTION	NOTES
Battery	1012C	Check Battery Volts 12.3 -13V	If battery Volts low check battery charger function and vehicle supply Volts (must be above 9V) at charge harness. See bulletin on Razor Power Supply
Battery Charger	BCAPW16	Turn on Battery Charger	RED and AMBER LEDs indicate charging
Motor Brake	PN0015B (Brake kit)	Check Brake Release on motor startup	Brake Toggle shaft will move slightly when motor starts Ensure motor brake holds firm when tarp closes. See Brake Kit Bulletin to remedy slippage fault
Drive pin	PN0064A	Check correct fitment	If the drive pin as move out of its correct fitment, replace with new pin It will be necessary to use the manual override handle on drive unit to align pin to be removed and refitted (see Drive pin fitment bulletin)
Collar	PN0055C	Check correct fitment	Refit if dislocated
Plugs		Open and clean with terminal cleaner	Periodical service 3 monthly
Tensioner	CT750	Check tension	Pull down on cable to extend and ensure cable retracts freely If not operating freely, cleaning maybe required for smooth operation, remove and blow out with air

# ROT INTERVAL SERVICE (RECOMMENDED FOR TRAILER SERVICE)

## STEP 1 TESTING RUNNING AMPERAGE

Fit current clamp to +ve battery harness, run tarp open and close and then observe running current

## STEP 2 MECHANICAL OPERATION TEST

1. Release brake(lift toggle)
2. Remove 1/4 turn cap and fit manual handle
3. Manually wind tarp open to beyond centre

Note: Intermittent tight areas can be worn RA gearbox gear binding.

## STEP 3 TARP CONDITION & REAR RETURN CABLE

Important note: Tarp pole must run parallel to trailer body, adjustment is made by changing tension to rear return cable

## Step 4 FINDINGS AND CAUSES

If drive motor stops before run completed, fit manual handle and check for excessive load while manually driven.

Possible cause:

1. RA gearboxes worn
2. Brake not releasing
3. Tarp not running parallel
4. Balance arm bushes needing replaced (lubrication may help)
5. Cable tensioner fail

## Step 5 Remedial hardware rectification

1. Replace controller (ECAP14) if not functioning (No serviceable parts inside)
2. Replace motor(PN25R) if inoperable (Refer Razor service center, Email:service@razorinternational.com)
3. Replace battery(1012C) if fails load test.