<table>
<thead>
<tr>
<th>REF. NO. PART NO. DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 0105958N59 Assembly, Frame</td>
</tr>
<tr>
<td>2 NHN6419A Kit, Housing; includes items 36 thru 51</td>
</tr>
<tr>
<td>3 NTN4956A Kit, Front Cover; includes items 45, 79 thru 86</td>
</tr>
<tr>
<td>4 3305260Q01 Nameplate, Front</td>
</tr>
<tr>
<td>5 1305564R01 Escutcheon, On/Off Volume</td>
</tr>
<tr>
<td>7 REX1151A Kit, 99 Channel, Controller Flex; includes items 8, 9, 10, 13, 14, 67, 68, 69, 75, 77, 78</td>
</tr>
<tr>
<td>8 2605764R01 Shield, Bottom</td>
</tr>
<tr>
<td>9 ---- Assembly, Controller Flex; part of item 7</td>
</tr>
<tr>
<td>10 ---- Shield, Center; Top Carrier Side; part of item 7</td>
</tr>
<tr>
<td>11 0102706J99 Cover, Dust</td>
</tr>
<tr>
<td>12 0105951N79 Assembly, Knob; Volume</td>
</tr>
<tr>
<td>13 1505764R01 Carrier, Top; Controller Flex</td>
</tr>
<tr>
<td>14 ---- Shield, Center; Bottom Carrier Side; part of item 7</td>
</tr>
<tr>
<td>15 0300136771 Screw, Phillips 2-56 x 3/8&quot; (4 req'd)</td>
</tr>
<tr>
<td>16 1305563R01 Escutcheon, Display</td>
</tr>
<tr>
<td>17 1305567R07 Escutcheon, 16 Channel</td>
</tr>
<tr>
<td>18 0405534R01 Washer, Flat; Octagonal (Volume Pot)</td>
</tr>
<tr>
<td>19 0205629L02 Nut, Hex; Volume Pot</td>
</tr>
<tr>
<td>20 0205163Q01 Nut, Spanner; Mode Select Switch</td>
</tr>
<tr>
<td>21 0405162Q02 Washer, Flat; Volume Pot</td>
</tr>
<tr>
<td>22 0405216L04 Washer, Flat, Antenna</td>
</tr>
<tr>
<td>23 0205764L02 Nut, Spanner</td>
</tr>
<tr>
<td>24 0205562R02 Nut, Plate</td>
</tr>
<tr>
<td>25 3205556R02 Seal, Nut Plate</td>
</tr>
<tr>
<td>26 0105958N64 Assembly, Control Top; 90 Channel</td>
</tr>
<tr>
<td>27 0105951N41 Assembly, Control Top, 16 Channel</td>
</tr>
<tr>
<td>28 0300136771 Screw, Phillips 2-56 x 3/8&quot; (4 req'd)</td>
</tr>
<tr>
<td>29 0305558R02 Elastomer, Switch (2 req'd)</td>
</tr>
<tr>
<td>30 0405162Q01 Washer, Flat</td>
</tr>
<tr>
<td>31 750561R01 Pad, LCD (2 req'd)</td>
</tr>
<tr>
<td>32 1805100Q04 Switch/Pot, On-Off/Volume (S1/R140)</td>
</tr>
<tr>
<td>33 3205141Q02 Gasket, &quot;O&quot; Ring; Control Top</td>
</tr>
<tr>
<td>34 3205141Q03 Gasket, &quot;O&quot; Ring; Mode Select Switch</td>
</tr>
<tr>
<td>35 3205082E01 Gasket, &quot;O&quot; Ring; Volume Pot</td>
</tr>
<tr>
<td>36 0300140369 Screw, Flat Hd.; 2-56 x 3/8&quot; (5 req'd)</td>
</tr>
<tr>
<td>37 4605945K05 Contact Stud, Battery</td>
</tr>
<tr>
<td>38 3905237Q01 Contact, B+</td>
</tr>
<tr>
<td>39 RPK4636A Battery Contact Replacement</td>
</tr>
<tr>
<td>41 2905124Q01 Lug (2 req'd)</td>
</tr>
<tr>
<td>42 0400002625 Lockwasher, Split # (3 req'd)</td>
</tr>
<tr>
<td>43 4105944K01 Spring, Battery Latch (2 req'd)</td>
</tr>
<tr>
<td>44 550536P01 Latch</td>
</tr>
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</table>

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<thead>
<tr>
<th>REF. NO. PART NO. DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>45 0300139444 Screw, Phillips; 2-56 x 3/8&quot; (7 req'd)</td>
</tr>
<tr>
<td>46 3205082E03 Gasket, &quot;O&quot; Ring (2 req'd)</td>
</tr>
<tr>
<td>47 6505214E05 Fuse (F1)</td>
</tr>
<tr>
<td>48 0400009761 Lockwasher, Split #4 (2 req'd)</td>
</tr>
<tr>
<td>49 0305941K01 Screw, Captive 4-40 (2 req'd)</td>
</tr>
<tr>
<td>50 6405531P02 Plate, Base</td>
</tr>
<tr>
<td>51 4505535P01 Lever, PTT</td>
</tr>
<tr>
<td>52 0305137Q04 Screw, Phillips Hd.; 4-40 x 3/8&quot; (2 req'd)</td>
</tr>
<tr>
<td>53 048433A06 Washer, Seal (2 req'd)</td>
</tr>
<tr>
<td>56 3205231Q01 Seal, Dome (PTT); part of item 59</td>
</tr>
<tr>
<td>57 3205196Q01 Seal, Dome (M); part of item 59</td>
</tr>
<tr>
<td>58 3905834K04 Contact, Snap Dome; part of item 59</td>
</tr>
<tr>
<td>59 0105951N40 Assembly, B+/PTT Flex; includes items 56, 57, 58</td>
</tr>
<tr>
<td>64 0102704J74 Assembly, Main Back Shield, UHF</td>
</tr>
<tr>
<td>65 0300136772 Screw, Phillips Hd.; 2-56 x 3/8&quot; (5 req'd)</td>
</tr>
<tr>
<td>66 0300136820 Screw, Phillips; 2-56 x 3/8&quot; (2 req'd)</td>
</tr>
<tr>
<td>67 0905467R01 Jack (J2)</td>
</tr>
<tr>
<td>68 0905467R01 Jack (J1)</td>
</tr>
<tr>
<td>70 0105951P28 Assembly, Front Shield</td>
</tr>
<tr>
<td>71 1405264Q01 Insulator, Flex</td>
</tr>
<tr>
<td>72 0105958N56 Assembly, Volume Pot Flex, 90 Channel</td>
</tr>
<tr>
<td>73 0905577P01 Jack (J3)</td>
</tr>
<tr>
<td>74 0105958N55 Assembly, Frequency Flex</td>
</tr>
<tr>
<td>75 0105950P96 Assembly, Frequency Flex, 16 Channel</td>
</tr>
<tr>
<td>77 0905577P01 Jack (J4)</td>
</tr>
<tr>
<td>78 0905504R01 Jack (J5)</td>
</tr>
<tr>
<td>79 3205141Q01 Gasket, &quot;O&quot; Ring</td>
</tr>
<tr>
<td>80 4205140Q01 Clamp, Speaker (3 req'd)</td>
</tr>
<tr>
<td>81 5005155Q03 Speaker (LS1)</td>
</tr>
<tr>
<td>82 4202036J03 Retainer, Microphone</td>
</tr>
<tr>
<td>83 1405299L01 Boot, Microphone; part of item 84</td>
</tr>
<tr>
<td>84 0102700J81 Assembly, Microphone Flex (MK1); includes items 81, 83, 89, and 90</td>
</tr>
<tr>
<td>85 7505564S01 Pad, Microphone Boot</td>
</tr>
<tr>
<td>86 750501R03 Pad, Front Cover</td>
</tr>
<tr>
<td>87 0300132342 Screw, Phillips; 2-56 x 3/8&quot;</td>
</tr>
<tr>
<td>88 3505152J01 Felt, Speaker</td>
</tr>
<tr>
<td>90 ---- Cartridge, Microphone; part of item 84</td>
</tr>
<tr>
<td>91 4005101Q02 Switch (S3)</td>
</tr>
<tr>
<td>92 1405299Q01 Insulator, Speaker</td>
</tr>
<tr>
<td>93 750501R02 Pad, Speaker</td>
</tr>
<tr>
<td>94 ---- (P501) part of item 76</td>
</tr>
<tr>
<td>95 2605123S01 Shield, PC Board; Bottom</td>
</tr>
<tr>
<td>97 0105953P91 Assembly, Buffer Shield</td>
</tr>
<tr>
<td>98 0305103S01 Screw, Captive</td>
</tr>
<tr>
<td>99 3905178S01 Contact, Grounding</td>
</tr>
<tr>
<td>100 1405496L01 Insulator</td>
</tr>
<tr>
<td>101 030013939 Screw, Phillips; 2-56 x 3/8&quot;</td>
</tr>
</tbody>
</table>
MT1000 Series

Portable Accessories

CHARGERS

Choose rapid or regular rate, single unit chargers or rapid rate, multiple unit charger. The rapid chargers are equipped with red and green lights to indicate rapid charging and charge complete. All desktop chargers will accept any of the battery sizes, with or without radio attached.

Single Unit

NTN4633C Desktop, Rapid Charge Rate, 117V

NTN4634B Desktop, Rapid Charge Rate 220V, 50-60 Hz (supplied with 2 prong plug)

Compact Chargers

The charger’s small size and light weight make it easy to transport.

NTN4666B Compact, Regular Charge Rate, 117V

NTN4667A Compact, Regular Charge Rate, 220V, 50-60 Hz (supplied with 2 prong plug)

Multi-Unit Charger

NTN4688B Desktop, Rapid Charge Rate, 117V

NTN4922B Desktop, Rapid Charge Rate, 220V (supplied with 2 prong plug)

Vehicular Chargers

NTN5438A* 12V DC, 16 Hour Charge Rate

NKN6428A 12V Cable Kit (Only required if not used with PAC-RT)

NTN5368A RF Adapter, Utilizes Universal Connector (incompatible with audio accessories)

NKN6408A RF Cable Kit

* Not compatible with cable kits NKN6149A, NKN6150A, and NKN6151A

Charger Multi-Unit Mounts

NLN7967A Wall Mount
BATTERY MAINTENANCE SYSTEM PLUS (BMS Plus)

Using interchangeable battery adapters (sold separately), the BMS Plus is capable of charging and discharging, analyzing, conditioning and cycle test on batteries; tracking battery voltage and capacity (mAh).

The BMS Plus offers a 3 year warranty. Its easy-to-use design supports hundreds of 2-way, cellular, and camcorder batteries with printer port* (Serial-RS-232C port – uses female 9-pin to male 25-pin cable).

WPLN4079AR Six Station, 110V AC, 50/60 Hz
WPLN4080AR Six Station, 230V AC, 50/60 Hz

WPLN4079AR

BATTERY OPTIMIZING SYSTEM (BOS)

The Battery Optimizing System accommodates NiCD, NiMH, Li-Ion, and SLA.

Four independent stations for simultaneous service of 4 batteries. Reads battery capacity in percentage of nominal rating; verifies voltage; measures battery temperature and displays battery impedance in milliohms. (Adapter sold separately).

WPLN4071AR 4 Station, 110V AC, 50/60 Hz
WPLN4073AR 4 Station, 230V AC, 50/60 Hz

Adapters
RL-71173 Standard Adapter, MT1000

MOTOROLA CONDITIONING CHARGER (MCC)

The MCC will help extend battery life and enhance battery operation. It will safely condition and charge your specified Nickel Cadmium (NiCD) and Nickel Metal Hydride (NiMH) batteries in approximately an hour.

WPPN4009AR 110V AC Base Charge Unit with adapter plates
WPPN4010AR 220V AC Base Charge Unit with adapter plates
3080384G15 Cigarette Lighter Adapter Cord

MCC Multi-Unit Conditioning Charger
WPPN4074AR Four-station, 110V with permanent adapter plates
WPPN4075AR Four-station, 220V with permanent adapter plates

*Compatible with the STAR Micronics SP200 series printers, available from any STAR Micronics distributor, and other printers with STAR emulation.

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BATTERY DISCHARGE TESTER

Tester determines a battery’s delivered capacity by discharging a fully charged battery. ‘LED’ indicates cycle status by turning “ON” when fully charged battery is placed in adapter and “OFF” when discharge is complete. Plug-in adapters allow one console to discharge most batteries. No AC power source required (console is powered by discharging battery).

- **RLN4201B** Single Unit Battery Discharge Tester, Requires Battery Adapter or Cable/Clip Lead
- **RLN4047A** Battery Adapter
- **RKN4038A** Cable/Clip Lead, 10V

VEHICULAR BATTERY ELIMINATOR

The Battery Eliminator saves battery life by drawing power from the vehicle’s battery while providing overvoltage protection. Use by sliding eliminator onto radio in place of battery and plugging adapter into cigarette lighter.

- **RLN4265A** Battery Eliminator, Coil Cord, Cigarette Lighter Adapter

CARRYING ACCESSORIES

Carrying Cases

A variety of carrying accessories are available for your comfort and convenience. The carrying cases are available in sizes designed to fit your radio & battery and permit audio to be heard clearly.

**Standard**
- **NTN5460B** Leather Carry Case with T-Strap and Spacer, for High or Medium Capacity Battery (Snap)

**Swivel**
- **NTN5461B** Leather Carry Case with T-Strap, Spacer and 2½” Swivel Belt Loop, for High or Medium Capacity Battery (Snap)
- **NTN5883A** Leather Carry Case with T-Strap, Spacer, and Swivel Belt Loop for High or Medium Capacity Battery (Snap), Fits 3” Belt
- **NTN5450B** Leather DTMF Swivel Carrying Case, Long (Snap), Fits 2¼” Belt
- **NTN5884A** Leather DTMF Swivel Carrying Case, Long (Snap), Fits 3” Belt

**Carry Holders**
- **NTN4814C** Belt Clip Carry Holder, Fits 2¼” Belt
- **NTN5827A** Belt Clip Carry Holder, Fits 3” Belt
**CARRYING ACCESSORIES**

**Spacer**  
4305525R02 Spacer for Carry Case, Spare

**Chest Pack**  
HLN6602A Universal Chest Pack with radio holder, pen holder and velcro secured pocket  
1505596Z02 Replacement strap for HLN6602

**RadioPAK™**  
RLN4815A Universal RadioPAK™ with Radio Holder. Worn around waist with adjustable belt. Includes attached 6” by 8” zippered pouch for other job necessities  
4280384F89 Universal RadioPAK™ belt lengthener; fits waists larger than 40”

**Portable Radio Hanger**  
The portable radio hanger slides over and hangs from the door panel in a vehicle. The radio’s belt clip slides onto the portable hanger allowing convenient easy mounting. Two sizes are available to fit door panels.  
TDN9327A Portable Radio Hanger, for Door Panels up to 2¾”  
TDN9373A Portable Radio Hanger, for Door Panels 2¾” to 3⅛”

**Belt Loops**  
4282421J06 Swivel Belt Loop, 2½”  
4205857B01 Swivel Belt Loop, 3”

**CARRYING ACCESSORIES**

**Belt Clips**  
NTN4916B Belt Clip, 1½”  
NTN4924B Belt Clip, 2¼”  
NTN5602A Public Safety Size Belt Clip 3” Black Aluminum

**Belt**  
4200865599 Belt, Black

**Carrying Strap**  
NTN5243A Carrying Strap, Black

**T-Strap**  
4205386S03 T-Strap, Nylon for Leather Carrying Cases (Snap)  
4205386S01 T-Strap, Nylon for Leather Carrying Cases (Velcro)

**Button Back Cover**  
NTN5497A T-Bar Button Back Cover Kit, Black

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Remote Speaker Microphone

Provides remote talk and listen capability. By attaching the microphone to the universal connector, located on the top of the radio, you can use the remote speaker microphone to transmit or receive while the radio remains comfortably on the belt or in the case.

- **NMN6145B** Remote Speaker Microphone with Clip, Clip Cord and 2.5 mm Earphone Jack
- **NMN6156B** Remote Speaker/Microphone with Clip and Coil Cord
- **NTN5050A** Public Safety Remote Speaker/Microphone with Velcro Back UHF Models Only (requires antenna and velcro patch, order separately)
- **NTN5493A** Public Safety Remote Speaker Microphone with Clip Back, UHF Models Only (order required antenna separately)

Antennas for Public Safety Speaker/Microphones

- **8505355K03** Speaker/Microphone Antenna, 400-430 MHz
- **8505355K04** Speaker/Microphone Antenna, 440-470 MHz
- **8505309N11** Speaker/Microphone Antenna, 470-512 MHz

Epaulet Strap

Black leather epaulet straps secure remote speaker microphones to epaulet of shirts or jackets and attach around cord. Allows reliable communications in hostile environments with Velcro or clip style strap.

- **RLN4294A** Epaulet Strap, Velcro
- **RLN4295A** Epaulet Strap, Small Clip

Earpiece

- **5083693B01** Earpiece and Volume Control (requires NTN4812B 3.5mm Earpiece Jack Adapter)
- **5083693B04** Earpiece and Volume Control (3.5 mm)
- **5880378B84** 3.5 mm to 2.5 mm Jack Adapter
Audio Accessories

Flexible Ear Receiver
BDN6717B Ear receiver with 3.5 mm plug, to be used with adapter NTN4812

NTN4812B Earphone Jack Adapter

Surveillance
NTN5075B Hirose Adapter for Two- and Three-Wire Surveillance Accessories

ZMN6031A Three-wire surveillance accessory with earpiece, microphone and push-to-talk as separate pieces. Factory Mutual Approved. Requires NTN5075B

ZMN6032A Two-wire surveillance accessory with earpiece, microphone and push-to-talk. Microphone and PTT are combined. Factory Mutual Approved. Requires NTN5075B

Ear Mikes
Single unit microphone and speaker worn in the ear. Eliminates the need for handheld microphones or conventional headsets. Compact, rugged design allows use under hearing protectors and protective clothing. Order cable separately.

RMN4001B Ear Mike

Noise Kits
Lightweight translucent tube attaches to Motorola surveillance accessories. Clothing clip prevents the accessory from being pulled from the ear due to body movement or head rotation.

NTN8370A Extreme Noise Kit, includes 2 foam earplugs for loud environments

NTN8371A Low Noise Kit, includes rubber eartip for low noise environments

5080384F72 Replacement Foam Plugs. Pack of 50 (for use with NTN8370A)

Earpiece
The clear comfortable earpiece forms to the inside of your ear and is perfect for low noise environments. Compatible with the NTN8371A, clear acoustic tube assembly, and most surveillance kits (1, 2 and 3 wire). This earpiece is made of easy-to-clean chemically inert, hypoallergenic material.

There are 3 items needed to make this product work:
1. Clear Comfortable Earpiece
2. Clear Acoustic Tube Assembly (NTN8371A)
3. Surveillance Kits

RLN4760A Small Custom Earpiece, right ear
RLN4763A Small Custom Earpiece, left ear
RLN4761A Medium Custom Earpiece, right ear
RLN4764A Medium Custom Earpiece, left ear
RLN4762A Large Custom Earpiece, right ear
RLN4765A Large Custom Earpiece, left ear

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**Ear Microphone**
This compact unit picks up the voice through bone vibrations in the ear canal. Ideal for use in high noise environments. Available in PTT or Voice activated (VOX) capabilities for total hands free communications. **Order Interface Module separately.**

- **BDN6677A** Ear Microphone for Standard Noise Levels (up to 95 dB), Black
- **BDN6678A** Ear Microphone for Standard Noise Levels (up to 95 dB), Beige
- **BDN6641A** Ear Microphone for High Noise Levels (up to 105 dB), Grey

**Interface Module**

- **BDN6656B** Push-To-Talk Interface Module
- **BDN6657B** Voice-Activated Interface Module

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**Optional Accessories**

- **0180358B38** Remote Push-To-Talk Ring Switch
- **0180300E25** Earguard with Adjustable Loop
- **0180358B32** Earholder, Black, Size Small; Secures ear mic in ear
- **0180358B33** Earholder, Black, Size Medium; Secures ear mic in ear
- **0180358B34** Earholder, Black, Size Large; Secures ear mic in ear
- **0180358B35** Earholder, Clear, Size Small; Secures ear mic in ear
- **0180358B36** Earholder, Clear, Size Medium; Secures ear mic in ear
- **0180358B37** Earholder, Clear, Size Large; Secures ear mic in ear
- **4280369E44** Replaceable Belt Clip with Screws
- **5080358B28** Eartips, Black, Size Medium (10 per pack)
- **5080358B29** Eartips, Black, Size Large (10 per pack)
- **5080358B30** Eartips, Beige, Size Medium (10 per pack)
- **5080358B31** Eartips, Beige, Size Large (10 per pack)

*Factory Mutual approved*
**Audio Accessories**

**Headsets**

High noise level headset (up to 125 dB) with noise cancelling microphone and push-to-talk switch located on ear cup. Vox module contained within headset on voice activated units. Factory Mutual Approved. NOTE: Can be worn with or without hard hat or fire helmet.

- **BDN6639A** Radio Adapter Cable
- **BDN6645A** Push-To-Talk Headset with Boom Microphone, Requires Adapter Cable
- **BDN6635B** Voice-Activated Headset with Boom Microphone, Requires Adapter Cable, Includes 110V Charger
- **BDN6636B** Voice-Activated Headset with Throat Microphone, Requires Adapter Cable, Includes 110V Charger
- **RMN4015A** Lightweight Headset with Swivel Boom Microphone, Single Speaker and In-line PTT
- **0180357B05** Spare Vox Headset Charger
- **6881126E79** Instruction Manual for BDN6645A
- **6881126E78** Instruction Manual for BDN6635B and BDN6636B

**Vehicular Adapter**

The Basic MVA console kits may be ordered separately. These items allow use of the portable radio in a mobile application. Order antenna separately.

- **NTN5612A** Basic MVA Console includes Power Cables and Mounting Hardware
- **NSN6054A** 12-Watt External Speaker
- **HMN1056D** Microphone, Compact Palm
- **HMN1035C** Microphone, Heavy-Duty Palm
- **HMN3013A** Microphone, DTMF

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**PORTABLE ANTENNAS**

**Heliflex Antenna**
Motorola Heliflex antennas are specifically engineered for maximum output and greatest communication coverage.

**Heliflex**
- **NAB6064A**
  - Heliflex, 30-50 MHz, 12”
- **8505816K01**
  - Heliflex Molded, 136-150.8 MHz, 6.5”
- **8505816K03**
  - Heliflex Molded, 150.8-162 MHz, 6”
- **8505816K05**
  - Heliflex Molded, 162-174 MHz, 6”
- **8505816K07**
  - Heliflex Molded, 403-433 MHz, 3”
- **8505816K08**
  - Heliflex Molded, 450-470 MHz, 3”
- **8505816K09**
  - Heliflex Molded, 470-512 MHz, 3”

*NAB6064A is an uncut antenna. Cutting instructions and chart supplied with antenna.*

**PORTABLE BATTERIES**

**Nickel-Cadmium**

- **Part Number: NTN4822BR**
  - Charge: Rapid
  - Volts: 10V
  - Avg. MAH: 630
  - Height: 2 7/16”
  - FM Rating: NI

- **Part Number: NTN4823BR**
  - Charge: Rapid
  - Volts: 10V
  - Avg. MAH: 550
  - Height: 2 7/16”
  - FM Rating: IS & NI

- **Part Number: NTN5161A**
  - Charge: Rapid
  - Volts: 10V
  - Avg. MAH: 630
  - Height: 3 5/16”
  - FM Rating: CSA

- **Part Number: NTN5447BR**
  - Charge: Rapid
  - Volts: 10V
  - Avg. MAH: 1100
  - Height: 3 5/16”
  - FM Rating: NI
### PORTABLE BATTERIES

#### Nickel-Cadmium (cont’d)
- **Part Number:** NTN5448BR  
- **Charge:** Rapid  
- **Volts:** 10V  
- **Avg. MAH:** 1100  
- **Height:** 3\(\frac{3}{16}\)”  
- **FM Rating:** IS & NI

- **Part Number:** NTN7046AR  
  - **Charge:** Rapid  
  - **Volts:** 10V  
  - **Avg. MAH:** 1100  
  - **Height:** 3\(\frac{3}{16}\)”  
  - **FM Rating:** MSHA

#### Nickel Metal Hydride
- **Part Number:** NTN7015A  
  - **Charge:** Rapid  
  - **Volts:** 10V  
  - **Avg. MAH:** 950  
  - **Height:** 2\(\frac{7}{16}\)”  
  - **FM Rating:** (NA)

#### Alkaline
- **Part Number:** NTN4870A  
  - **Charge:** (NA)  
  - **Volts:** (NA)  
  - **Avg. MAH:** 2100  
  - **Height:** 3\(\frac{3}{16}\)”  
  - **FM Rating:** (NA)

### ALIGNMENT TOOLS/SERVICE TOOLS

#### Tuning Tool
- **6605106N01** Tuning Tool, Adjusts Tunable Coils, Preselector, Reference Oscillator Frequency, and Trimmer Capacitors

#### Torque Screwdriver
- **RSX4043A** Torque Screwdriver, Order Bits Separately

- **6680321B86** #0 Phillips Bit for Radio Screws

- **6680321B79** #1 Phillips Power Bit for Radio Screws

- **6680370B95** Spanner Bit, for Toggle Switch Spanner Nut

- **6680371B34** Spanner Bit, for Antenna Bushing

- **6680371B03** Nut Driver Bit for Volume Pot. Rotary Switch Nuts
SERVICE TOOLS

Controller Flex Hold Down Fixture
Provides a secure mount for the MT1000 controller flex when removing and replacing I.C. chip carriers and chip components using the Surface Mount Service Center.

**0180371B37** Controller Flex Hold Down Fixture

SERVICE AIDS

**Battery Eliminator**
The battery eliminator acts like a battery with a cable to access a DC external power supply. It is ideal to inspect transmitters and receivers on incoming radios. Reverse supply polarity protection and input fuse protection are provided.

**RTL4226B** Battery Eliminator

**Cloning Cable**
Enables the frequencies, squelch codes, squelch and deviation settings to be duplicated from one radio to another. Only identical models and sub-models are compatible for cloning.

**NKN6376A** Cloning Cable

**Radio Interface Box**
Links radio programming cable and computer interface together. Provides required voltage shift to enable communications between radio and computer. Requires computer interface cable, radio test and programming cable, and 9 volt snap type battery (6082728J01), order separately.

**RLN4008B** Radio Interface Box

**Wall Mounted Power Supply**
Used to supply power to radio interface box 0180353A74.

**0180357A57** Wall Mounted Power Supply, 110 Volts

**0180358A56** Wall Mounted Power Supply, 220 Volts
**SERVICE AIDS**

**Computer Interface Cable**

Used to connect computer’s serial port to Radio Interface Box.

- **3080369B71** Cable, RIB to 25 pin D
- **3080369B72** Cable, RIB to 9 pin D

**Radio Test and Programming Cable**

Used with Portable Radio Test Set, RTX4005, for transmitter, receiver alignment and performance checks. Also used in programming radio.

- **RTK4205C** Test and Programming Cable

**Controller Flex Extender**

Allows access to all electrical points on the controller flex and the interior of the RF board for troubleshooting purposes.

- **REN4000A** Controller Flex Extender

**Battery Adapter**

Replaces radio housing during servicing and provides easy mounting for battery eliminator, RTL4226A.

- **1580368B62** Battery Adapter

**SERVICE AIDS**

**Field Modification Kit**

Allows for quick field modification of RTX4005 “A” test sets to provide operation with the MT1000 Radio.

- **RPX4665A** Field Modification, RTX4005A

**Programming Software**

Utilizing your personal computer, this software enables you to add or reprogram frequencies as your requirements change. Compatible with IBM, XT, AT Model 30, 50, 60 and 80. Requires Radio Interface Box and proper cables, order separately.

- **RVN4017J** Programming Software, 3½” diskette (includes manual and storage box)

**SERVICE MANUALS**

- **6881067C40** VHF/UHF Service Manual
- **6881061C35** Operating Instructions Manual