**DAGR Accessories**
*All accessories listed below are compatible with 822-1873-001 and 822-1873-002.*

<table>
<thead>
<tr>
<th>Mounts and Cases</th>
<th>Details</th>
</tr>
</thead>
</table>
| DAGR Installation Mount 987-5006-001 (NSN 5975-01-521-3063) | • Used to install the DAGR in a host platform  
• Secures DAGR with metal spring loaded plungers  
• Clearance provided for data, antenna and power cables  
• Key fill port accessible while in mount if keyfill adapter bracket and cable are installed; see accessories below for part numbers  
• The DAGR installation mount adapter (987-5007-001) is required if additional clearance is required from the host platform |
| DAGR Installation Mount Adapter 987-5007-001 (NSN 5340-01-521-4394) | • The installation mount adapter can replace the bracket on the back of the installation mount in those installations that require an approximate 1 1/2" additional clearance from the host platform  
• Order this adapter in conjunction with the DAGR installation mount (987-5006-001) |
| Helmet Antenna Mount 013-1928-020 (NSN 5825-01-469-6033) | • Green nylon pouch holds the RA-1 antenna (013-1981-010) to a helmet  
• Elastic straps and metal clips fasten to rim of helmet |
| DAGR Cartridge/Trouser Belt Adapter 987-4970-001 (NSN 8465-01-522-5638) | • Attaches to the DAGR for mounting the unit to a cartridge/trouser belt |
| DAGR Personnel Case 987-5010-001 (NSN 5895-01-521-3111) | • Green, non-rigid, nylon bag  
• Adjustable shoulder strap  
• Two web belt clips  
• Pockets to hold DAGR accessories, such as: spare battery magazine, DAGR-to-DAGR cable and quick reference guide |
<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAGR Flip Down Personnel Case 021-0801-010/020/030 (NSN TBA)</td>
<td>Digital camo (-010), coyote (-020) and green (-030)</td>
</tr>
<tr>
<td></td>
<td>• MOLLE compatible</td>
</tr>
<tr>
<td></td>
<td>• Flips open and fastens when not open</td>
</tr>
<tr>
<td></td>
<td>• Easy access to connector ports</td>
</tr>
<tr>
<td></td>
<td>• DAGR not included</td>
</tr>
<tr>
<td>Keyfill Cable Adapter Bracket Kit 987-6323-001 (NSN 5935-01-521-3067)</td>
<td>The keyfill cable adapter bracket is used along with the DAGR Installation mount for securing either the crypto keyfill cable or the PLGR/SINGARS cable adapter</td>
</tr>
<tr>
<td></td>
<td>• Used in conjunction with the DAGR installation mount adapter (987-5007-001) and the crypto keyfill cable (987-5180-001)</td>
</tr>
<tr>
<td>Clamp, Loop-Hole 987-7676-001 (NSN TBA)</td>
<td>Clamps onto azimuth determination system pole to mount the installation mount (987-5006-001) to</td>
</tr>
<tr>
<td>Case, Azimuth Determination System 021-0716-030 (NSN 5895-01-549-8450)</td>
<td>Case is intended for use with the azimuth determination system (987-6280-002); case is pressurized and has cut-outs inside for all equipment</td>
</tr>
</tbody>
</table>

**EXTERNAL ANTENNAS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>RA-1 Magnetic Mount Remote Antenna 013-1981-010 (NSN 5985-01-502-6692)</td>
<td>Antenna for tracking L1 &amp; L2 signals, magnetic or hard mounted with SMA connector; also functions as the helmet antenna</td>
</tr>
<tr>
<td></td>
<td>• Magnet rated to 70 miles per hour</td>
</tr>
<tr>
<td>RA-2 Remote Antenna 013-1981-020 (NSN 5985-01-521-1775)</td>
<td>Antenna for tracking L1 &amp; L2 signals</td>
</tr>
<tr>
<td></td>
<td>• Hard mount with four bolt mounting</td>
</tr>
<tr>
<td></td>
<td>• Bottom mount TNC (F) connector</td>
</tr>
<tr>
<td></td>
<td>• O-ring included</td>
</tr>
</tbody>
</table>
| **Azimuth Determination Survey Grade Antenna** | **Survey grade antenna for tracking L1 & L2 signals, with TNC connector**  
013-1962-040  
(NSN 5985-01-550-0960) |  
- 3.3 VDC  
- TNC connector (F)  
- Pole not included with antenna |
| --- | --- | --- |

| **CABLES** | **Use with remote antenna with SMA connector (RA-1)** | **Use with remote antenna with SMA connector (RA-1)**  
DAGR to RA-1 Cable (5m with SMA connector)  
987-4640-001  
(NSN 5995-01-504-1762) |  
- The DAGR to RA-1 cable provides for connection between the DAGR and a RA-1 antenna  
- SMA plug (M) connector  
- Right angle SMA plug (M)  
- 5 meters |
| --- | --- | --- |

| **Use with remote antenna with SMA connector (RA-1)** | **Use with remote antenna (RA-2) with TNC (M) connector**  
DAGR to RA-2 Cable (10m with TNC connector)  
987-5015-001  
(NSN 5995-01-521-2941) |  
- TNC plug (M) and right angle SMA plug (M)  
- 10 meters |
| --- | --- | --- |

| **The DAGR/helmet antenna cable provides for connection between the DAGR and the RA-1 helmet antenna** | **The DAGR/helmet antenna cable provides for connection between the DAGR and the RA-1 helmet antenna**  
DAGR to Helmet Antenna Cable  
987-7002-001  
(NSN 5995-01-521-6753) |  
- Two right angle SMA plugs (M)  
- Breakaway feature  
- 1.5 meters |
| **DAGR to DAGR/PLGR Cable**  
| 987-5011-001  
| (NSN 5995-01-521-2713) | - The DAGR/DAGR/PLGR cable provides for connection between two DAGRs or between a DAGR and a PLGR  
| 15-pin D-sub plug (F)  
| 15-pin D-sub plug (F)  
| 1 meter  
| Transfer data includes: setup, waypoints, routes, alerts, time, satellite data, position data and maps  
| Field reprogrammability of receiver application software  
| ![DAGR to DAGR/PLGR Cable](image1) |

| **DAGR to PC Cable**  
| 987-5012-001  
| (NSN 5995-01-521-3198) | - The DAGR-to-PC cable provides for connection between a DAGR and a PC  
| 15-pin D-sub plug (F)  
| 9-pin D-sub plug (F)  
| 3 meters  
| Field reprogrammability of application software  
| Ability to load maps from a PC  
| ![DAGR to PC Cable](image2) |

| **J1/COM 3 to PC Cable**  
| 426-0231-010 | - The J1/COM 3-to-PC cable provides for connection between COM 3 and a PC serial port  
| 15-pin D-sub plug (F)  
| 9-pin D-sub plug (F)  
| 3 meters  
| ![J1/COM 3 to PC Cable](image3) |

| **Cold Weather Battery Pack Cable**  
| 426-0227-010  
| (NSN 5995-01-533-3421) | - Cold Weather Battery Pack (CWBP) cable is an external power cable that interfaces the CWBP to the DAGR  
| 3-pin power plug (F) – P1  
| 3-pin power plug (M) – P2  
| 2 meters  
| ![Cold Weather Battery Pack Cable](image4) |

| **DAGR to SINCGARS Cable**  
| 987-5014-001  
| (NSN 5995-01-521-3187) | - The DAGR-to-SINCGARS cable provides for connection between the DAGR and a SINCGARS radio  
| Provides for SINCGARS time fill data input to a SINCGARS compatible device  
| 15-pin D-sub plug (F)  
| 6-pin audio jack  
| 3 meters  
| ![DAGR to SINCGARS Cable](image5) |
| **DAGR to Have Quick Cable**  
987-5002-001  
(NSN 5995-01-521-2680) | • Provides for data output to a HAVEQUICK compatible device  
• The HAVEQUICK end of the cable has stripped and tinned wires  
• 15-pin D-sub plug (F)  
• 3 meters |
| --- | --- |
| **Crypto Keyfill Cable**  
987-5180-001  
(NSN 5995-01-521-3185) | • The crypto fill cable provides for connection between the DAGR and the KYK-13, KOI-18 and AN/CYZ-10  
• 15-pin D-sub plug (F)  
• 6-pin audio plug  
• 13 inches |
| **Adapter Cable PLGR/SINCGARS**  
987-5013-001  
(NSN 5995-01-521-3182) | • The adapter cable PLGR/SINCGARS provides for connection between the DAGR and a PLGR SINCGARS cable  
• 15-pin D-sub (F)  
• 6-pin audio plug  
• 10 inches with yellow label |
| **PLGR Adapter Cable- External Antenna**  
987-5017-001  
(NSN 5995-01-521-3120) | • The PLGR cable adapter – remote antenna provides for connection between the DAGR and a PLGR RA cable  
• SMA right angle plug (M)  
• D-sub receptacle with RF (F)  
• 8 inches |
| **RS-422 to USB Converter Cable**  
426-0228-010  
(NSN 5995-01-531-5118) | • The RS-422-to-USB high speed data cable converts data from USB to RS-422 for accelerated loading of the maps functionality |
| **Adapter Cable, Bradley Vehicle Data**  
987-5182-001  
(NSN 5995-01-521-3071) | • The Bradley adapter cable provides an extension of the DAGR J2 connector  
• 15-pin D-sub (F) to 15-pin D-sub (M)  
• 13 inches |
| **Spinner**  
988-9389-001  
(NSN 5935-01-534-6963) | • Extra spinners can be purchased for use on the RF SMA connectors; this spinner provides easy installation and removal of the RF connector |
| **DAGR-to-Survey Antenna Cable**  
(9.5 inches with TNC connector)  
987-5015-002  
(NSN 5995-01-549-8449) | • For use with survey antenna (013-1962-040)  
• TNC plug (M) and right angle SMA plug (M)  
• 9.5 inches |
| **DAGR-to-Survey Antenna Cable**  
(19 inches with TNC connector)  
987-5015-003  
(NSN TBA) | • For use with survey antenna (013-1962-040)  
• TNC plug (M) and right angle SMA plug (M)  
• 19 inches |
| **Quick Disconnect Cable**  
988-7042-002  
(NSN 5995-01-549-8447) | • The DAGR/DAGR/PLGR cable provides for connection between two DAGRs or between a DAGR and a PLGR  
• 15-pin D-sub plug (F)  
• 4-pin circular socket (F)  
• 20 inches  
• Transfer data includes: setup, waypoints, routes, alerts, time, satellite data, position data and maps  
• Intended use with azimuth determination system (987-6280-002) |
| **Quick Disconnect Cable**  
988-7043-002  
(NSN 5995-01-549-8451) | • The DAGR/DAGR/PLGR cable provides for connection between two DAGRs or between a DAGR and a PLGR  
• 15-pin D-sub plug (F)  
• 4-pin circular plug (M)  
• 40 inches  
• Transfer data includes: setup, waypoints, routes, alerts, time, satellite data, position data and maps  
• Intended use with azimuth determination system (987-6280-002) |
| **POWER OPTIONS** |  |
| **DAGR External Power Cable**  
Fused (5m)  
987-5019-001  
(NSN 6150-01-521-6757) | • Use to connect a DAGR to an external power source  
• DAGR connection can be secured to prevent inadvertent removal  
• Lugs installed on source end of cable  
• 3-pin power plug (F)  
• In-line fuse holder installed  
• 5 meters |
<table>
<thead>
<tr>
<th><strong>DAGR Cigarette Lighter Power Cable</strong>&lt;br&gt;987-5008-001 (NSN 6150-01-521-2548)</th>
<th>• The cigarette lighter power adapter provides for connection between a DAGR and a cigarette lighter  &lt;br&gt;• DAGR connection can be secured to prevent inadvertent removal  &lt;br&gt;• 3-pin power plug (F)  &lt;br&gt;• In-line fuse protected  &lt;br&gt;• Coiled cord</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DAGR AC Power Adapter</strong>&lt;br&gt;987-4975-001 (NSN 6130-01-521-3157)</td>
<td>• Connects the DAGR to an AC power source  &lt;br&gt;• Compatible voltage: 110 to 240 volts  &lt;br&gt;• Two prong, North American style plug  &lt;br&gt;• 3-pin power plug (F)  &lt;br&gt;• Operates on 50 or 60 Hz  &lt;br&gt;• 3 meter cord</td>
</tr>
<tr>
<td><strong>DAGR External Power Cable, Fused (2 m)</strong>&lt;br&gt;987-5009-001 (NSN 6150-01-521-6755)</td>
<td>• The DAGR-to-external power cable, fused provides for connection between a DAGR and an external power source  &lt;br&gt;• 3-pin power plug (F)  &lt;br&gt;• 2 meters</td>
</tr>
<tr>
<td><strong>Adapter Cable PLGR External Power</strong>&lt;br&gt;987-5020-001 (NSN 6150-01-521-3510)</td>
<td>• The cable adapter PLGR external power provides for connection between a DAGR and a PLGR external power cable  &lt;br&gt;• Right angle plug (M)  &lt;br&gt;• 3-pin power plug (F)  &lt;br&gt;• 8 inches</td>
</tr>
<tr>
<td><strong>DAGR Memory Battery</strong>&lt;br&gt;Primary: LS14250&lt;br&gt;Alternate: 221-0500-030 (NSN 6135-01-435-4921)</td>
<td>• Used to maintain memory circuits when prime power has been removed  &lt;br&gt;• ½ AA  &lt;br&gt;• 3.6 V&lt;sub&gt;DC&lt;/sub&gt; lithium cell</td>
</tr>
<tr>
<td><strong>Spare Prime Power Battery Magazine</strong>&lt;br&gt;987-6641-001 (NSN 6135-01-521-3064)</td>
<td>• Spare prime power battery magazine is interchangeable with the prime power magazine that is provided with the DAGR  &lt;br&gt;• 4-AA cells, 1.5 V&lt;sub&gt;DC&lt;/sub&gt;</td>
</tr>
</tbody>
</table>
| **Cold Weather Battery Pack**<br>987-7050-001 (NSN 6130-01-530-4652) | • Cold Weather Battery Pack (CWBP) is an external power supply designed for extended use with a DAGR when batteries are the only practical means for power  
• 8-AA cells (consisting of two 987-6641-001), 1.5 VDC  
• 3-pin power plug (F) on pendant cable  
• 1 amp fuse  
• CWBP requires two spare prime power battery magazines (987-6641-001) that are sold separately |

| **ACCESSORY KITS** |  |
| **Kit, Sub-MIL Azimuth Determination (AD) Dual DAGR Receiver**<br>987-6280-002 (NSN 5985-01-549-7219) | • The sub-mil AD accessory kit is used to increase accuracy over the AD method of calculating the azimuth  
• Antennas, antenna cables, quick disconnect DAGR-to-DAGR cable and case is included |

| **Kit, Azimuth Determination Single DAGR Receiver**<br>987-6279-002 (NSN N/A) | • The AD single receiver kit is used in the calculation of the azimuth  
• Installation mount, pole clamp for installation mount, antenna, antenna cable and bag are included |