

# OEM Guide Page

## HWH SpaceMaker Equipment for **MONACO COACH** Vehicles

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**PROCEDURE:**

1. Locate the HWH identification tag on the SpaceMaker mechanism to get the correct mechanism part number.
2. Find the correct SpaceMaker mechanism part number in the left column below.
3. Refer to the listed HWH Parts Manual Page for general replacement parts information and item number arrangements.
4. Note that two-cylinder mechanisms with a synchronizing cylinder have two part numbers. One number is for the left assembly and one is for the right assembly. If the mechanism assembly originally had one number, that number is listed with the new numbers.

<b>SLIDE-OUT Mechanisms</b>	
<b>MECHANISM</b> <i>AP13503</i>	<p><b>DUAL CYLINDER ROOM EXTENSION – 25.0” STROKE (WITH RACK SENSING VALVE)</b>  <b>AP13504 KIT</b>  <b>SEE &gt; <a href="#">MR41.1538.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b></p> <p>CYLINDER ASSEMBLY_____ ITEM 1 - RAP90354 (25.0” STROKE)  REPLACES AP13523</p> <p>HOSE ASSEMBLIES_____ ITEM 7 - RAP4073 (AP4073)  ITEM 8 - RAP2446 (AP2446)  ITEM 9 - RAP4074 (AP4074)  ITEM 10- RAP10913 (AP10913)</p>
<b>MECHANISM</b> <i>AP13810</i>	<p><b>GENERATOR SLIDE – 39.0” STROKE (CYLINDER ONLY)</b></p> <p>CYLINDER ASSEMBLY_____ RAP90618 (39.0” STROKE) - REPLACES AP13810</p>
<b>MECHANISM</b> <i>AP14555</i>	<p><b>DUAL CYLINDER ROOM EXTENSION – 18.625” STROKE (WITH SYNC. CYLINDER)</b>  <b>AP14567 KIT</b>  <b>SEE &gt; <a href="#">MR41.2000.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b></p> <p>CYLINDER ASSEMBLY_____ ITEM 1 - RAP90456 (24.5” STROKE)  REPLACES AP15344</p> <p>SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90463 (7.47” STROKE)  REPLACES AP14587</p> <p>TUBE KIT_____ ITEM 2 - RAP90480 - REPLACES AP13252</p>
<b>MECHANISM</b> <i>AP15185</i>	<p><b>GENERATOR SLIDE – 38.0” STROKE (CYLINDER ONLY) – AP13811 KIT</b></p> <p>CYLINDER ASSEMBLY_____ RAP90619 (38.0” STROKE) - REPLACES AP15185</p>
<b>MECHANISM</b> <i>AP16928</i> <b>OR</b> <i>AP18183</i> <i>AP18184</i>	<p><b>DUAL CYLINDER ROOM EXTENSION – 18.625” STROKE (WITH SYNC. CYLINDER)</b>  <b>AP16927 KIT</b>  <b>SEE &gt; <a href="#">MR41.2005.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b></p> <p>CYLINDER ASSEMBLY_____ ITEM 1 - RAP90456 (24.5” STROKE)  REPLACES AP15344</p> <p>SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90463 (7.47” STROKE)  REPLACES AP14587</p> <p>TUBE KIT_____ ITEM 2 - RAP90480 - REPLACES AP13252</p>

<b>MECHANISM</b> AP17074 <b>OR</b> AP19630 AP19631	<b>DUAL CYLINDER ROOM EXTENSION – 17.5” STROKE (WITH SYNC. CYLINDER)</b> <b>AP17073 KIT</b> <b>SEE &gt; <a href="#">MR41.2005.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP90456 (24.5” STROKE) REPLACES AP15344 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90439 (7.21” STROKE) REPLACES AP16618 TUBE KIT_____ ITEM 2 - RAP90480 - REPLACES AP13252
<b>MECHANISM</b> AP17077	<b>SINGLE CYLINDER ROOM EXTENSION – 24.0” STROKE – AP17076 KIT</b> <b>SEE &gt; <a href="#">MR41.1100.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP90688 (27.0” STROKE) REPLACES AP28362 HOSE ASSEMBLIES_____ ITEM 3 - RAP24632 (AP24632) ITEM 4 - RAP53984 (AP53984)
<b>MECHANISM</b> AP18113 AP18114	<b>DUAL CYLINDER ROOM EXTENSION – 20.5” STROKE (WITH SYNCHRONIZING CYLINDER)</b> <b>AP18126 KIT</b> <b>SEE &gt; <a href="#">MR41.2000.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP90617 (26.375” STROKE) REPLACES AP18124 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90616 (8.24” STROKE) REPLACES AP18122 TUBE KIT_____ ITEM 2 - RAP90480 - REPLACES AP13252
<b>MECHANISM</b> AP18738	<b>SINGLE CYLINDER ROOM EXTENSION – 20.0” STROKE – AP18737 KIT</b> <b>NO INFORMATION AVAILABLE.</b>
<b>MECHANISM</b> AP25142 AP25143	<b>DUAL CYLINDER ROOM EXTENSION – 30.5” STROKE (WITH SYNCHRONIZING CYLINDER)</b> <b>AP25141 KIT</b> <b>SEE &gt; <a href="#">MR41.2005.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP90971 (37.5” STROKE) REPLACES AP25201 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90442 (12.570” STROKE) REPLACES AP16484 TUBE KIT_____ ITEM 2 - RAP90480 - REPLACES AP13252
<b>MECHANISM</b> AP26892 AP26893	<b>LATERAL ARM ROOM EXTENSION – 18.0” STROKE (WITH TORSION BAR) – AP26891 KIT</b> <b>SEE &gt; <a href="#">MR41.2825.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91203 (6.150” STROKE) REPLACES AP26255 TUBE KIT_____ ITEM 2 - RAP91226 - REPLACES AP27031 HOSE ASSEMBLIES_____ ITEM 4 - RAP24627 (AP24627) ITEM 5 - RAP24627 (AP24627)
<b>MECHANISM</b> AP27707 AP27708	<b>X –SLIDE ROOM EXTENSION – 17.75” STROKE – AP27706 KIT</b> <b>SEE &gt; <a href="#">MR41.2670.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91007 (8.10” STROKE) REPLACES AP27723 TUBE KIT_____ ITEM 2 - RAP91229 - REPLACES AP27587 HOSE ASSEMBLIES_____ ITEM 4 - RAP24655 (AP24655) ITEM 5 - RAP24653 (AP24653)
<b>MECHANISM</b> AP28586 AP28587	<b>LATERAL ARM ROOM EXTENSION – 16.0” STROKE – AP28585 KIT</b> <b>SEE &gt; <a href="#">MR41.2825.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91203 (6.150” STROKE) REPLACES AP26255 TUBE KIT_____ ITEM 2 - RAP91226 - REPLACES AP27031 HOSE ASSEMBLIES_____ ITEM 4 - RAP24641 (AP24641) ITEM 5 - RAP24642 (AP24642)

<b>MECHANISM</b> AP28776 AP28777	<b>LATERAL ARM ROOM EXTENSION – 17.25” STROKE – AP28775 KIT</b> <b>SEE &gt; <a href="#">MR41.2825.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91203 (6.150” STROKE) REPLACES AP26255 TUBE KIT_____ ITEM 2 - RAP91226 - REPLACES AP27031 HOSE ASSEMBLIES_____ ITEM 4 - RAP24641 (AP24641) ITEM 5 - RAP24642 (AP24642)
<b>MECHANISM</b> AP28781 AP28782	<b>LATERAL ARM ROOM EXTENSION – 17.625” STROKE – AP28780 KIT</b> <b>SEE &gt; <a href="#">MR41.2825.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91203 (6.150” STROKE) REPLACES AP26255 TUBE KIT_____ ITEM 2 - RAP91226 - REPLACES AP27031 HOSE ASSEMBLIES_____ ITEM 4 - RAP24651 (AP24651) ITEM 5 - RAP24652 (AP24652)
<b>MECHANISM</b> AP29855	<b>GENERATOR SLIDE – 24.0” STROKE (CYLINDER ONLY) – AP29856 KIT</b> CYLINDER ASSEMBLY_____ RAP92507 (24.0” STROKE) - REPLACES AP29855
<b>MECHANISM</b> AP30761	<b>CYLINDER ASSEMBLY – 16.0” STROKE</b> CYLINDER ASSEMBLY_____ RAP92470 (16.0” STROKE) - REPLACES AP30761
<b>MECHANISM</b> AP30763	<b>CYLINDER ASSEMBLY – 30.0” STROKE</b> CYLINDER ASSEMBLY_____ RAP91666 (30.0” STROKE) - REPLACES AP30763
<b>MECHANISM</b> AP30948 AP30949 <b>OR</b> AP31226	<b>LATERAL ARM ROOM EXTENSION – 17.625” STROKE – AP30947 AND AP31225 KITS</b> <b>SEE &gt; <a href="#">MR41.2825.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91203 (6.150” STROKE) REPLACES AP26255 TUBE KIT_____ ITEM 2 - RAP91226 - REPLACES AP27031 HOSE ASSEMBLIES_____ ITEM 4 - RAP24655 (AP24655) ITEM 5 - RAP24653 (AP24653)
<b>MECHANISM</b> AP31690 AP31691	<b>LATERAL ARM ROOM EXTENSION – 16.0” STROKE – AP31689 KIT</b> <b>SEE &gt; <a href="#">MR41.2825.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91203 (6.150” STROKE) REPLACES AP26255 TUBE KIT_____ ITEM 2 - RAP91226 - REPLACES AP27031 HOSE ASSEMBLIES_____ ITEM 4 - RAP24648 (AP24648) ITEM 5 - RAP24650 (AP24650)
<b>MECHANISM</b> AP32165	<b>SINGLE CYLINDER ROOM EXTENSION – 24.0” STROKE – AP32164 KIT</b> <b>SEE &gt; <a href="#">MR41.1100.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91021 (27.0” STROKE) REPLACES AP28682 HOSE ASSEMBLIES_____ ITEM 3 - RAP24632 (AP24632) ITEM 4 - RAP53984 (AP53984)
<b>MECHANISM</b> AP32003 AP32004	<b>UNIVERSAL SLIDE OUT – 17.625” STROKE (WITH SYNCHRONIZING CYLINDER)</b> <b>AP32002 KIT</b> <b>SEE &gt; <a href="#">MR41.2680.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91702 (34.0” STROKE) REPLACES AP31461 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90439 (7.21” STROKE) REPLACES AP16618 TUBE KIT_____ ITEM 2 - RAP91703 - REPLACES AP31486 HOSE ASSEMBLIES_____ ITEM 4 - RAP24638 (AP24638) ITEM 5 - RAP24632 (AP24632)
<b>MECHANISM</b> AP32006	<b>SINGLE CYLINDER ROOM EXTENSION – 23.125” STROKE – AP32005 KIT</b> <b>SEE &gt; <a href="#">MR41.1100.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91021 (27.0” STROKE) REPLACES AP28682 HOSE ASSEMBLIES_____ ITEM 4 - RAP24630 (AP24630) ITEM 3 - RAP24634 (AP24634)

<b>MECHANISM</b> AP32008 AP32009	<b>UNIVERSAL FLAT OUT – AP32007 KIT</b> <b>NO INFORMATION AVAILABLE.</b>
<b>MECHANISM</b> AP35083 AP35084	<b>X-SLIDE ROOM EXTENSION – 17.75” STROKE – AP35082 KIT</b> <b>SEE &gt; <a href="#">MR41.2670.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91007 (8.100” STROKE) REPLACES AP27723 TUBE KIT_____ ITEM 2 - RAP91229 - REPLACES AP27587 HOSE ASSEMBLIES_____ ITEM 4 - RAP24653 (AP24653) ITEM 5 - RAP24655 (AP24655)
<b>MECHANISM</b> AP35907 AP35908	<b>X-SLIDE ROOM EXTENSION – 30.75” STROKE – AP35906 KIT</b> <b>SEE &gt; <a href="#">MR41.2670.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP91352 (13.90” STROKE) REPLACES AP27513 TUBE KIT_____ ITEM 2 - RAP91229 - REPLACES AP27587 HOSE ASSEMBLIES_____ ITEM 4 - RAP24653 (AP24653) ITEM 5 - RAP24655 (AP24655)
<b>MECHANISM</b> AP39096 AP39097	<b>DUAL CYLINDER ROOM EXTENSION – 24.0” STROKE (WITH SYNCHRONIZING CYLINDER)</b> <b>AP39095 KIT</b> <b>SEE &gt; <a href="#">MR41.2005.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP92509 (31.0” STROKE) REPLACES AP39933 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP92275 (8.42” STROKE) REPLACES AP39271 TUBE KIT_____ ITEM 2 - RAP90480 - REPLACES AP13252
<b>MECHANISM</b> AP39507 AP39508	<b>UNIVERSAL LEVEL OUT – 30.0” STROKE – AP39435 KIT</b> <b>SEE &gt; <a href="#">MR41.2690.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP92076 (30.5” STROKE) REPLACES AP38072 LIFT CYLINDER ASSEMBLY_____ ITEM 14 - CONTACT HWH CORPORATION TUBE KIT_____ ITEM 2 - RAP92079 - REPLACES AP38267 HOSE ASSEMBLIES_____ ITEM 4 - RAP24632 (AP24632) ITEM 5 - RAP24638 (AP24638) CENTER LIFT CYLINDER_____ ITEM 16 - CONTACT HWH CORPORATION
<b>MECHANISM</b> AP40226 AP40227	<b>UNIVERSAL STRAIGHT OUT – 18.0” STROKE – AP40172 KIT</b> <b>SEE &gt; <a href="#">MR41.2685.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP92075 (20.5” STROKE) REPLACES AP39251 TUBE KIT_____ ITEM 2 - RAP92092 - REPLACES AP39321 HOSE ASSEMBLIES_____ ITEM 4 - RAP24662 (AP24662) ITEM 5 - RAP24664 (AP24664)
<b>MECHANISM</b> AP41642 AP41643	<b>UNIVERSAL STRAIGHT OUT – 18.0” STROKE – AP41534 KIT</b> <b>SEE &gt; <a href="#">MR41.2685.HTML</a> FOR DRAWING AND PARTS INFORMATION.</b>  CYLINDER ASSEMBLY_____ ITEM 1 - RAP92076 (30.5” STROKE) REPLACES AP38072 TUBE KIT_____ ITEM 2 - RAP92079 - REPLACES AP38267 HOSE ASSEMBLIES_____ ITEM 4 - RAP24658 (AP24658) ITEM 5 - RAP24660 (AP24660)