

OEM Guide Page

HWH SpaceMaker Equipment for **LIFELINE SHELTER SYSTEMS** 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.

SLIDE-OUT Mechanisms	
MECHANISM AP13738	DUAL CYLINDER ROOM EXTENSION – 39.0” STROKE (WITH RACK SENSING VALVE) AP13737 KIT SEE > MR411536.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP90007 (39.0” STROKE) REPLACES AP1700 HOSE ASSEMBLIES_____ ITEM 6 - RAP4073 (AP4073) ITEM 7 - RAP2446 (AP2446) ITEM 8 - RAP4074 (AP4074) ITEM 9 - RAP10913 (AP10913)
MECHANISM AP16588 OR AP19290 AP19291	DUAL CYLINDER ROOM EXTENSION – 18.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP16587 KIT SEE > MR412000.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP90517 (18.5” STROKE) REPLACES AP16641 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90439 (7.21” STROKE) REPLACES AP16618 TUBE KIT_____ ITEM 2 - RAP90480 - REPLACES AP13252
MECHANISM AP19221 AP19222	DUAL CYLINDER ROOM EXTENSION – 25.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP19220 KIT SEE > MR412005.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM - 1 RAP90666 (25.5” STROKE) REPLACES AP19232 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90440 (10.095” STROKE) REPLACES AP16509 TUBE KIT_____ ITEM 2 - RAP90480 - REPLACES AP13252
MECHANISM AP20511 AP20512	DUAL CYLINDER ROOM EXTENSION – 44.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP20510 KIT SEE > MR412000.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP90636 (45.0” STROKE) REPLACES AP17232 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP90637 (17.925” STROKE) REPLACES AP17220 TUBE KIT_____ ITEM 2 - RAP90481 - REPLACES AP15379

MECHANISM AP36683	GENERATOR EXTENSION – AP40082 KIT NO INFORMATION AVAILABLE.
MECHANISM AP38251 AP38252	UNIVERSAL STRAIGHT OUT – 30.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP49429 KIT SEE > MR412685.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP92076 (30.5” STROKE) REPLACES AP38072 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP92077 (10.540” STROKE) REPLACES AP37881 TUBE KIT_____ ITEM 2 - RAP92079 - REPLACES AP38267 HOSE ASSEMBLIES_____ ITEM 4 - RAP24632 (AP24632) ITEM 5 - RAP24638 (AP24638)
MECHANISM AP38944 AP38945	UNIVERSAL LEVEL OUT – 30.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP40013 KIT SEE > MR412690.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP92076 (30.5” STROKE) REPLACES AP38072 LIFT CYLINDER ASSEMBLY_____ ITEM 11 - RAP92260 (2.75” LIFT) REPLACES AP38604 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP92077 (10.540” STROKE) REPLACES AP37881 LIFT SYNCHRONIZING CYL._____ ITEM 12 - RAP92316 - REPLACES AP38264 TUBE KIT_____ ITEM 2 - RAP92079 - REPLACES AP38267 HOSE ASSEMBLIES_____ ITEM 4 - RAP24632 (AP24632) ITEM 5 - RAP24638 (AP24638)
MECHANISM AP39182 AP39183	UNIVERSAL STRAIGHT OUT - 18.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP49808 KIT SEE > MR412685.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP92076 (30.5” STROKE) REPLACES AP38072 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP92369 (6.300” STROKE) REPLACES AP39267 TUBE KIT_____ ITEM 2 - RAP92079 - REPLACES AP38267 HOSE ASSEMBLIES_____ ITEM 4 - RAP24632 (AP24632) ITEM 5 - RAP24638 (AP24638)
MECHANISM AP47875 AP47876	UNIVERSAL STRAIGHT OUT – 20.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP47906 KIT SEE > MR412685.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP92929 (20.5” STROKE) REPLACES AP47873 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP92931 (5.100” STROKE) REPLACES AP46924 TUBE KIT_____ ITEM 2 - RAP92930 - REPLACES AP47044 HOSE ASSEMBLIES_____ ITEM 4 - RAP24631 (AP24631) ITEM 5 - RAP24637 (AP24637)
MECHANISM AP51159 AP51160	UNIVERSAL STRAIGHT OUT – 22.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP51161 KIT SEE > MR412693.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP93334 (22.5” STROKE) REPLACES AP48463 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP92951 (5.590” STROKE) REPLACES AP48534 SYNC. CYLINDER TUBE KIT_____ ITEM 3A - RAP93335 - REPLACES AP48681 TUBE KIT_____ ITEM 2 - RAP93336 - REPLACES AP48459 TUBE ASSEMBLIES_____ ITEM 4 - RAP93337 (AP48547) ITEM 5 - RAP93338 (AP48548)

MECHANISM AP52236 AP52237	UNIVERSAL STRAIGHT OUT – 18.0” STROKE (WITH SYNCHRONIZING CYLINDER) AP52244 KIT SEE > MR412693.HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP93533 (21.5” STROKE) REPLACES AP52235 SYNCHRONIZING CYLINDER_____ ITEM 3 - RAP92950 (4.610” STROKE) REPLACES AP48533 SYNC. CYLINDER TUBE KIT_____ ITEM 3A - RAP93534 - REPLACES AP48680 TUBE KIT_____ ITEM 2 - RAP93336 - REPLACES AP48459 TUBE ASSEMBLIES_____ ITEM 4 - RAP93337 (AP48547) ITEM 5 - RAP93338 (AP48548)
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STEP Systems	
MECHANISM AP40083	STEP COVER CYLINDER ASSEMBLY – 26” STROKE SEE > MR485010HTML FOR DRAWING AND PARTS INFORMATION. CYLINDER ASSEMBLY_____ ITEM 1 - RAP92116 (26.0” STROKE) REPLACES AP40083 HOSE ASSEMBLY_____ ITEM 2 - RAP4217 (AP4217)