

REPAIR PARTS

FURNACE HIGH ALTITUDE KITS

Models and manufacturing
numbers in this manual

HA-02	
HAC1PS15	P1204227F
HALP09	P1129110F
HALP09	P1129111F
HALP10	P1129112F
HALP11	P1129113F
HALP12	P1129114F
HALP13	P1129115F
HANG07	P1129010F
HANG11	P1210305F
HANG12	P1210306F
HANG14	P1210308F
HANG15	P1210309F
HANG16	P1210310F
HAPS27	P1210518F
HAPS28	P1210519F
HAPS29	P1210520F
HAPS30	P1210521F
HAPS31	P1210522F
HATS01	P1220401F
HATS01	P1220406F
HATS02	P1220402F
HATS02	P1220407F
HATS03	P1220403F
HATS03	P1220408F
HATS04	P1220404F
HATS04	P1220409F
HATS05	P1220405F
HATS05	P1220410F
HATS06	P1220411F
HATS07	P1220412F
HATS08	P1220413F
HATS09	P1220414F

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RP-348
July 2005

Important Information

Goodman Manufacturing Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Goodman Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

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Consumer Affairs Department
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

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Views shown are for parts illustrations only, not servicing procedures.

Text Codes:

- AR - As Required
- NA - Not Available
- NS - Not Shown
- 00000000 - See Note
- QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)
- M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example	
M1 - Model#1	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

Functional Parts

Part

No: Description:

SPECIAL PARTS

10314615	INSTR-HIGH ALT (M4)
20150402	INSTR-HIGH ALT (M17, M18, M19, M20, M21, M22, M23, M24, M25)
20150401	INSTR-HIGH ALT (M12, M13, M14, M15, M16)
10314615	INSTR-HIGH ALT (M6, M7)
10314615	INSTR-HIGH ALT (M9)
10759905	INSTR-HIGH ALT (M2)
10314621	INSTR-INSTALL (M31, M32)
10314620	INSTR-INSTALL (M29)
10314621	INSTR-INSTALL (M30)
10759906	INSTR-INSTALL (M3)
10314620	INSTR-INSTALL (M26)
10314621	INSTR-INSTALL (M27)
IO-552	INSTR-INSTALL (M33)
10314620	INSTR-INSTALL (M28)
10759906	INSTR-INSTALL (M1)
10314618	INSTR-INSTALL (M8)
10314618	INSTR-INSTALL (M10, M11)
10314618	INSTR-INSTALL (M5)
RP-348	PARTS MANUAL

Functional Parts

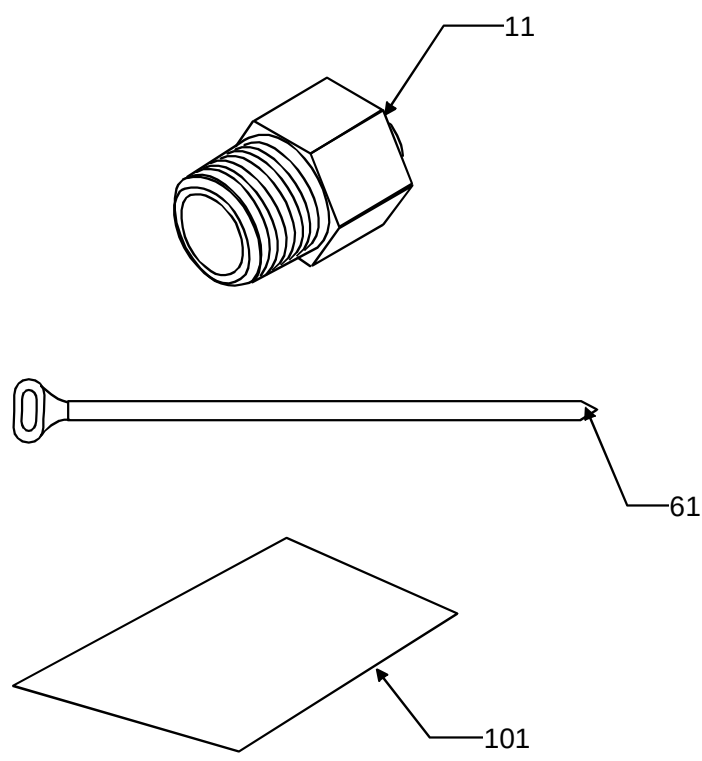
Part

No: Description:

Expanded Model Nomenclature

M1 - HANG07	P1129010F
M2 - HALP09	P1129110F
M3 - HALP09	P1129111F
M4 - HALP10	P1129112F
M5 - HALP11	P1129113F
M6 - HANG11	P1210305F
M7 - HANG12	P1210306F
M8 - HANG14	P1210308F
M9 - HAPS27	P1210518F
M10 - HAPS28	P1210519F
M11 - HAPS29	P1210520F
M12 - HATS01	P1220401F
M13 - HATS02	P1220402F
M14 - HATS03	P1220403F
M15 - HATS04	P1220404F
M16 - HATS05	P1220405F
M17 - HATS01	P1220406F
M18 - HATS02	P1220407F
M19 - HATS03	P1220408F
M20 - HATS04	P1220409F
M21 - HATS05	P1220410F
M22 - HATS06	P1220411F
M23 - HATS07	P1220412F
M24 - HATS08	P1220413F
M25 - HATS09	P1220414F
M26 - HALP12	P1129114F
M27 - HALP13	P1129115F
M28 - HAC1PS15	P1204227F
M29 - HANG15	P1210309F
M30 - HANG16	P1210310F
M31 - HAPS30	P1210521F
M32 - HAPS31	P1210522F
M33 - HA-02	

High Alt. Natural Gas Kit (HANG07-16)



High Alt. Natural Gas Kit (HANG07-16)

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

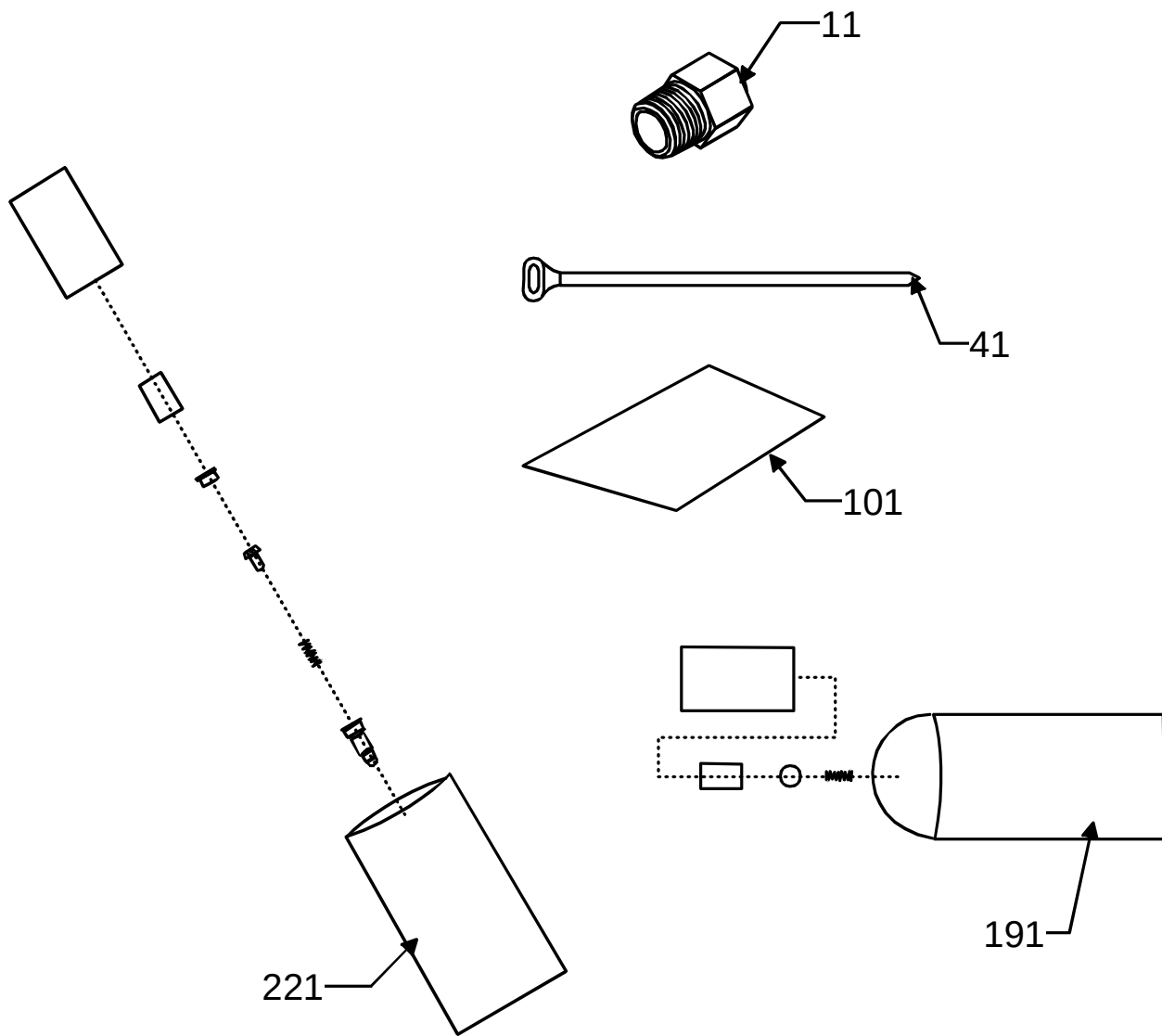
Image 1:

11	10716004	ORIFICE, QTY AR (M6, M29, M30)
11	10716005	ORIFICE, QTY AR (M1, M7, M8)
61	M0321202	TIE-ELEC LG, QTY 2 (M1, M6, M7, M8, M29, M30)
101	10314615	INSTR-HIGH ALT (M6, M7)
101	10314618	INSTR-INSTALL (M8)
101	10314620	INSTR-INSTALL (M29)
101	10314621	INSTR-INSTALL (M30)
101	10759906	INSTR-INSTALL (M1)

Expanded Model Nomenclature

M1 - HANG07	P1129010F
M2 - HALP09	P1129110F
M3 - HALP09	P1129111F
M4 - HALP10	P1129112F
M5 - HALP11	P1129113F
M6 - HANG11	P1210305F
M7 - HANG12	P1210306F
M8 - HANG14	P1210308F
M9 - HAPS27	P1210518F
M10 - HAPS28	P1210519F
M11 - HAPS29	P1210520F
M12 - HATS01	P1220401F
M13 - HATS02	P1220402F
M14 - HATS03	P1220403F
M15 - HATS04	P1220404F
M16 - HATS05	P1220405F
M17 - HATS01	P1220406F
M18 - HATS02	P1220407F
M19 - HATS03	P1220408F
M20 - HATS04	P1220409F
M21 - HATS05	P1220410F
M22 - HATS06	P1220411F
M23 - HATS07	P1220412F
M24 - HATS08	P1220413F
M25 - HATS09	P1220414F
M26 - HALP12	P1129114F
M27 - HALP13	P1129115F
M28 - HAC1PS15	P1204227F
M29 - HANG15	P1210309F
M30 - HANG16	P1210310F
M31 - HAPS30	P1210521F
M32 - HAPS31	P1210522F
M33 - HA-02	

High Alt. Propane Convn. Kit (HALP09-13)



High Alt. Propane Convn. Kit (HALP09-13)

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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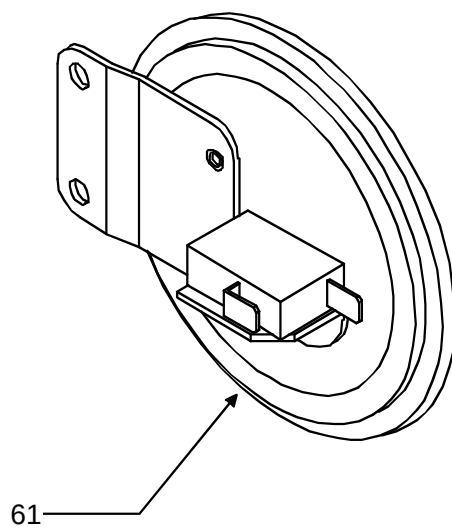
Image 1:

11	10716010	ORIFICE, QTY AR (M2, M3, M4, M5, M26, M27)
41	M0321202	TIE-ELEC LG, QTY 2 (M2, M3, M4, M5, M26, M27)
101	10314615	INSTR-HIGH ALT (M4)
101	10759905	INSTR-HIGH ALT (M2)
101	10314618	INSTR-INSTALL (M5)
101	10314620	INSTR-INSTALL (M26)
101	10314621	INSTR-INSTALL (M27)
101	10759906	INSTR-INSTALL (M3)
191	10674501	VALVE CONV KIT (M4)
191	10674502	VALVE-CONV KIT (M2, M3)
191	B1417603	VALVE-CONV KIT (M2, M3)
191	B1444401	VALVE-CONV KIT (M2, M3, M4)
221	10674501	VALVE CONV KIT (M26, M27)
221	B1444401	VALVE-CONV KIT (M26, M27)

Expanded Model Nomenclature

M1 - HANG07	P1129010F
M2 - HALP09	P1129110F
M3 - HALP09	P1129111F
M4 - HALP10	P1129112F
M5 - HALP11	P1129113F
M6 - HANG11	P1210305F
M7 - HANG12	P1210306F
M8 - HANG14	P1210308F
M9 - HAPS27	P1210518F
M10 - HAPS28	P1210519F
M11 - HAPS29	P1210520F
M12 - HATS01	P1220401F
M13 - HATS02	P1220402F
M14 - HATS03	P1220403F
M15 - HATS04	P1220404F
M16 - HATS05	P1220405F
M17 - HATS01	P1220406F
M18 - HATS02	P1220407F
M19 - HATS03	P1220408F
M20 - HATS04	P1220409F
M21 - HATS05	P1220410F
M22 - HATS06	P1220411F
M23 - HATS07	P1220412F
M24 - HATS08	P1220413F
M25 - HATS09	P1220414F
M26 - HALP12	P1129114F
M27 - HALP13	P1129115F
M28 - HAC1PS15	P1204227F
M29 - HANG15	P1210309F
M30 - HANG16	P1210310F
M31 - HAPS30	P1210521F
M32 - HAPS31	P1210522F
M33 - HA-02	

High Altitude Press. Switch (HAPS27-31)



High Altitude Press. Switch (HAPS27-31)

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

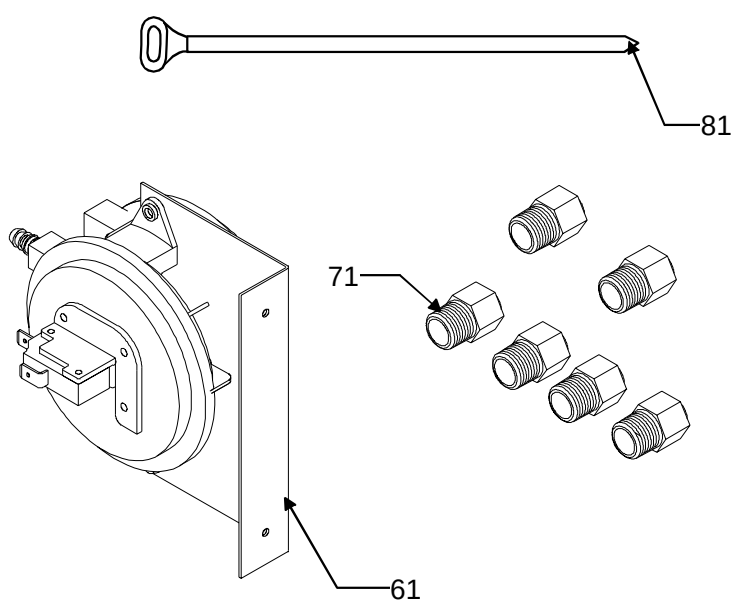
Image 1:

61	11177115	SWITCH-PRESSURE (M10)
61	11177116	SWITCH-PRESSURE (M11)
61	11177119	SWITCH-PRESSURE (M31)
61	11177120	SWITCH-PRESSURE (M32)
61	20197307	SWITCH-PRESSURE (M9)
NS	10314615	INSTR-HIGH ALT (M9)
NS	10314618	INSTR-INSTALL (M10, M11)
NS	10314621	INSTR-INSTALL (M31, M32)

Expanded Model Nomenclature

M1 - HANG07	P1129010F
M2 - HALP09	P1129110F
M3 - HALP09	P1129111F
M4 - HALP10	P1129112F
M5 - HALP11	P1129113F
M6 - HANG11	P1210305F
M7 - HANG12	P1210306F
M8 - HANG14	P1210308F
M9 - HAPS27	P1210518F
M10 - HAPS28	P1210519F
M11 - HAPS29	P1210520F
M12 - HATS01	P1220401F
M13 - HATS02	P1220402F
M14 - HATS03	P1220403F
M15 - HATS04	P1220404F
M16 - HATS05	P1220405F
M17 - HATS01	P1220406F
M18 - HATS02	P1220407F
M19 - HATS03	P1220408F
M20 - HATS04	P1220409F
M21 - HATS05	P1220410F
M22 - HATS06	P1220411F
M23 - HATS07	P1220412F
M24 - HATS08	P1220413F
M25 - HATS09	P1220414F
M26 - HALP12	P1129114F
M27 - HALP13	P1129115F
M28 - HAC1PS15	P1204227F
M29 - HANG15	P1210309F
M30 - HANG16	P1210310F
M31 - HAPS30	P1210521F
M32 - HAPS31	P1210522F
M33 - HA-02	

High Alt. 2 Stage Convn. Kit (HATS_)



High Alt. 2 Stage Convn. Kit (HATS_)

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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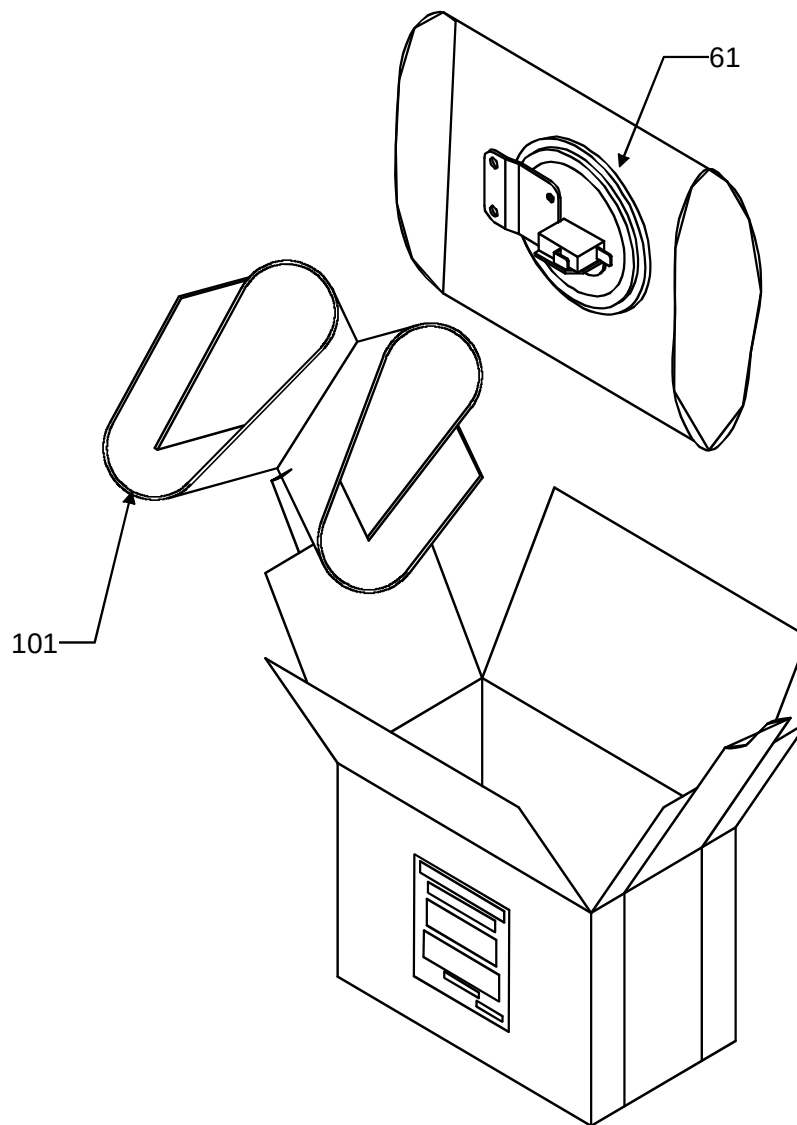
Image 1:

61	11177111	SWITCH PRESSURE (M25)
61	11177105	SWITCH-PRESSURE (M12, M17)
61	11177106	SWITCH-PRESSURE (M13, M18)
61	11177107	SWITCH-PRESSURE (M14, M19)
61	11177108	SWITCH-PRESSURE (M15, M20, M22)
61	11177109	SWITCH-PRESSURE (M16, M21, M24)
61	11177110	SWITCH-PRESSURE (M23)
71	10716004	ORIFICE, QTY 6 (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
71	10716005	ORIFICE, QTY 6 (M22, M23, M24, M25)
81	M0321202	TIE-ELEC LG, QTY 2 (M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)
NS	20150401	INSTR-HIGH ALT (M12, M13, M14, M15, M16)
NS	20150402	INSTR-HIGH ALT (M17, M18, M19, M20, M21, M22, M23, M24, M25)

Expanded Model Nomenclature

M1 - HANG07	P1129010F
M2 - HALP09	P1129110F
M3 - HALP09	P1129111F
M4 - HALP10	P1129112F
M5 - HALP11	P1129113F
M6 - HANG11	P1210305F
M7 - HANG12	P1210306F
M8 - HANG14	P1210308F
M9 - HAPS27	P1210518F
M10 - HAPS28	P1210519F
M11 - HAPS29	P1210520F
M12 - HATS01	P1220401F
M13 - HATS02	P1220402F
M14 - HATS03	P1220403F
M15 - HATS04	P1220404F
M16 - HATS05	P1220405F
M17 - HATS01	P1220406F
M18 - HATS02	P1220407F
M19 - HATS03	P1220408F
M20 - HATS04	P1220409F
M21 - HATS05	P1220410F
M22 - HATS06	P1220411F
M23 - HATS07	P1220412F
M24 - HATS08	P1220413F
M25 - HATS09	P1220414F
M26 - HALP12	P1129114F
M27 - HALP13	P1129115F
M28 - HAC1PS15	P1204227F
M29 - HANG15	P1210309F
M30 - HANG16	P1210310F
M31 - HAPS30	P1210521F
M32 - HAPS31	P1210522F
M33 - HA-02	

High Alt. Catg. 1 Press. Sw. (HAC1PS15)



High Alt. Catg. 1 Press. Sw. (HAC1PS15)

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

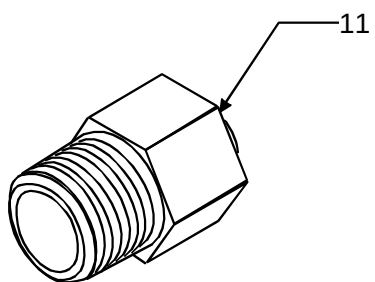
Image 1:

61 10727920 SWITCH-PRESSURE (M28)
101 10314620 INSTR-INSTALL (M28)

Expanded Model Nomenclature

M1 - HANG07	P1129010F
M2 - HALP09	P1129110F
M3 - HALP09	P1129111F
M4 - HALP10	P1129112F
M5 - HALP11	P1129113F
M6 - HANG11	P1210305F
M7 - HANG12	P1210306F
M8 - HANG14	P1210308F
M9 - HAPS27	P1210518F
M10 - HAPS28	P1210519F
M11 - HAPS29	P1210520F
M12 - HATS01	P1220401F
M13 - HATS02	P1220402F
M14 - HATS03	P1220403F
M15 - HATS04	P1220404F
M16 - HATS05	P1220405F
M17 - HATS01	P1220406F
M18 - HATS02	P1220407F
M19 - HATS03	P1220408F
M20 - HATS04	P1220409F
M21 - HATS05	P1220410F
M22 - HATS06	P1220411F
M23 - HATS07	P1220412F
M24 - HATS08	P1220413F
M25 - HATS09	P1220414F
M26 - HALP12	P1129114F
M27 - HALP13	P1129115F
M28 - HAC1PS15	P1204227F
M29 - HANG15	P1210309F
M30 - HANG16	P1210310F
M31 - HAPS30	P1210521F
M32 - HAPS31	P1210522F
M33 - HA-02	

High Altitude Kit (HA-02)



High Altitude Kit (HA-02)

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	B2589900	#55 Orifice Asm. (Gmp) (M33)
11	B2589909	#57 Orifice Asm. (M33)
11	B2589910	#58 Orifice Asm. (M33)
11	B2589901	#43 Orifice Asm. (Gmp) (M33)
11	B2589902	#44 Orifice Asm. (M33)
11	B2589903	#45 Orifice Asm. (M33)
11	B2589904	#46 Orifice Asm. (M33)
11	B2589905	#47 Orifice Asm. (M33)
11	B2589906	#48 Orifice Asm. (M33)
11	B2589907	#49 Orifice Asm. (M33)
11	B2589908	#56 Orifice Asm. (M33)
NS	IO-552	INSTR-INSTALL (M33)

Expanded Model Nomenclature

M1 - HANG07	P1129010F
M2 - HALP09	P1129110F
M3 - HALP09	P1129111F
M4 - HALP10	P1129112F
M5 - HALP11	P1129113F
M6 - HANG11	P1210305F
M7 - HANG12	P1210306F
M8 - HANG14	P1210308F
M9 - HAPS27	P1210518F
M10 - HAPS28	P1210519F
M11 - HAPS29	P1210520F
M12 - HATS01	P1220401F
M13 - HATS02	P1220402F
M14 - HATS03	P1220403F
M15 - HATS04	P1220404F
M16 - HATS05	P1220405F
M17 - HATS01	P1220406F
M18 - HATS02	P1220407F
M19 - HATS03	P1220408F
M20 - HATS04	P1220409F
M21 - HATS05	P1220410F
M22 - HATS06	P1220411F
M23 - HATS07	P1220412F
M24 - HATS08	P1220413F
M25 - HATS09	P1220414F
M26 - HALP12	P1129114F
M27 - HALP13	P1129115F
M28 - HAC1PS15	P1204227F
M29 - HANG15	P1210309F
M30 - HANG16	P1210310F
M31 - HAPS30	P1210521F
M32 - HAPS31	P1210522F
M33 - HA-02	