

**APF**

**1BC**

**AMERICAN BOSCH MARKETING DIVISION**



**SPRINGFIELD, MASS. 01107**

Supersedes Manual Pages D186 and D186/1, Issued January, 1948

**SERVICE PARTS LIST**  
**For**  
**AMERICAN BOSCH**  
**APF 1 BC --- T EXECUTION**  
**FUEL INJECTION PUMPS**



**SYMBOLS**

- |                                       |   |
|---------------------------------------|---|
| • - New Part                          | ** - Not Illustrated                                    |
| † - Discontinued with no replacement. | *** - Not Shown Assembled                               |
| * - Parts Included in listed kit.     | - Text or listing opposite has been revised or changed. |

**NOTE:** (1) Unless otherwise indicated in parenthesis ( ) following description of part, quantity used is one - applicable to all lists. (2) For explanation of abbreviations, refer to Section D 10/20. (3) The first digit of an "Ill. No." identifies the applicable figure; the numbers following the dash ( - ) refer to the illustrated parts in the figure.

**SERVICE PARTS LIST FOR BASIC  
 APF 1 BC --- T --- FUEL INJECTION PUMP**

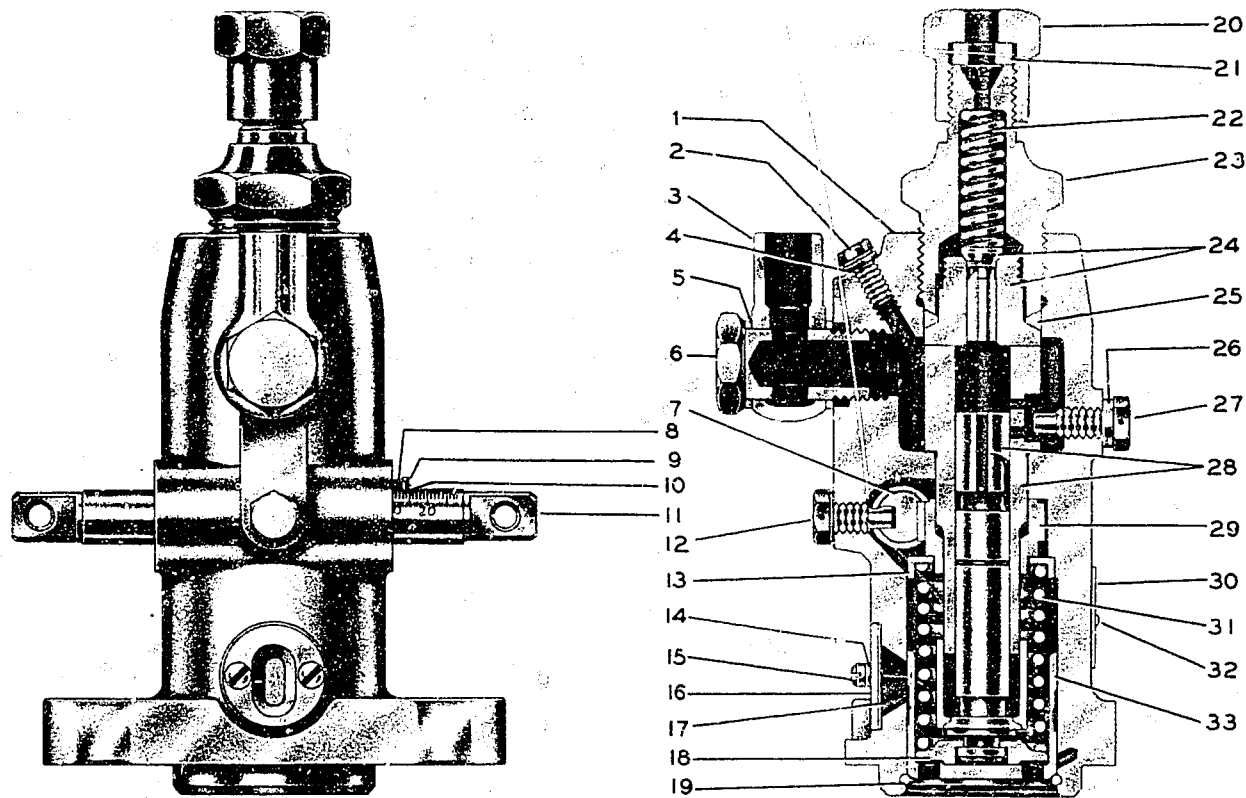


FIGURE 1

Ill. No.	Part Number	Description	Ill. No.	Part Number	Description
1-1	HG 76593 A	HOUSING, pump - incl 7	1-8	WMS 2104/3X	WASHER, po adjng - .020" (AR)
1-2	See VAR.	SCREW, bleeder		WMS 2104/5X	WASHER, po adjng - .035" (AR)
1-3	FI 7665	UNION, anglr - fuel inlet		WMS 2104/4X	WASHER, po adjng - .063" (AR)
1-4	See VAR.	GASKET, bldr screw	1-9	PO 767	POINTER, cntl rack
1-5	WMR 2041/406X	GASKET, anglr union (2)	1-10	SC 78-8 CA	SCREW, fstng - po
1-6	SC 7666	SCREW, retng - anglr union	1-11	RD 76129	RACK, control
1-7	BG 7646	BUSHING, cntl rack (2)	1-12	SC 7695	SCREW, stop - cntl rack
1-8	WMS 2040/16X	WASHER, po adjng - .008" (AR)	1-13	WMS 2160/1X	SEAT, plngr spring - upper
	WMS 2040/17X	WASHER, po adjng - .012" (AR)			

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Ill. No.	Part Number	Description
1-14	WMS 2055/400X	GASKET, sc - insptn window cover (2)
1-15	SC 22-5 CA	SCREW, fstng - insptn window cover (2)
1-16	PDE 17A1X	COVER, insptn window
1-17	PPT 17A1X	GASKET, cv - insptn window
1-18	WMS 2161/1X	SEAT, plngr sp - lower
1-19	WMR 2055/2X	RING, snap
1-20	+ NT 7648	NUT, delivery nipple
1-21	WA 7621-2	WASHER, dely npl nut
1-22	WSF 2056A2X	SPRING, delivery valve
1-23	HP 76105	HOLDER, delivery va
1-24	VA 7696 A	VALVE ASSY, dely
1-25	GA 76188	GASKET, hlcr - dely va
1-26	GA 7611	GASKET, bbl lctng sc
1-27	SC 7694	SCREW, bbl locating
1-28	See VAR.	PLUNGER & BARREL ASSEMBLY
1-29	SV 7613	SLEEVE, control
1-30	NP 7659	NAMEPLATE
1-31	SP 7638	SPRING, plunger
1-32	SC 150-2	SCREW, drive - np (2)
1-33	PMH 2/3X	CUP, guide

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**VARIATIONS**

<b>1829</b>	<b>1966</b>
<b>1897</b>	<b>1974</b>

NOTE: The following parts lists itemize particular parts and/or quantities that apply to the variations of the basic pump.

**APF 1 BC 120T 1829A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
Timed for port opening.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2X	UNION, anglr - fuel inlet
1-5	WMR 2041/6X	GASKET, anglr union (2)
1-6	NRV 12/1X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+ NT 7635	NUT, discharge tube
1-21	+ SV 7622	SLEEVE, discharge tube
1-23	HP 76119	HOLDER, dely valve
1-28	BC 76142-3A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D 183/100, for all other required parts.

**APF 1 BC 110T 1897A**

ENTERPRISE - Model DL - 8" x 10"  
Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 76782 A	HOUSING, pump - incl 7
1-2	SC 76169	SCREW, bleeder
1-5	GA 7613	GASKET, bleeder sc
1-11	RD 76155	RACK, control
1-28	BC 76120-2 A	PLUNGER & BARREL ASSEMBLY
1-29	SV 7627	SLEEVE, control

Refer to Basic Parts List, Section D 183/100, for all other required parts.

**APF 1 BC 130T 1966A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
Timed for port opening.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2X	UNION, anglr - fuel inlet
1-5	WMR 2041/6X	GASKET, anglr union (2)
1-6	NRV 12/1X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+ NT 7635	NUT, discharge tube
1-21	+ SV 7622	SLEEVE, dischg tube
1-23	HP 76119	HOLDER, dely valve
1-28	BC 76142-4 A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D 183/100, for all other required parts.

**APF 1 BC 130T 1974A**

LORIMER DIESEL - Model F - 7-1/2" x 9-1/2"  
Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 76789 A	HOUSING, pump - incl 7
1-9	PO 768	POINTER, cntl rack
1-11	+ RD 76157	RACK, control
1-28	BC 76120-4A	PLUNGER & BARREL ASSEMBLY

Refer to Basic Parts List, Section D 183/100, for all other required parts.

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<b>1989</b>	<b>2086</b>	<b>2192</b>
<b>1991</b>	<b>2187</b>	

**APF 1 BC 130T 1989A & B**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2X	UNION, anglr - fuel inlet
1-5	WMR 2041/6X	GASKET, anglr union (2)
1-6	NRV 12/1X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+NT 7635	NUT, discharge tube
1-21	+SV 7622	SLEEVE, discharge tube
1-23	HP 76119	HOLDER, dely valve
1-28	BC 76156 A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D183/100, for all other required parts.

**APF 1 BC 100T 1991A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2X	UNION, anglr - fuel inlet
1-5	WMR 2041/6X	GASKET, anglr union (2)
1-6	NRV 12/1X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+NT 7635	NUT, discharge tube
1-21	+SV 7622	SLEEVE, discharge tube
1-23	HP 76119	HOLDER, dely valve
1-28	BC 76166-1A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D183/100, for all other required parts.

**APF 1 BC 130T 2086A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2X	UNION, anglr - fuel inlet
1-5	WMR 2041/6X	GASKET, anglr union (2)
1-6	NRV 12/1X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+NT 7635	NUT, discharge tube
1-21	+SV 7622	SLEEVE, dischg tube
1-23	HP 76119	HOLDER, dely valve
1-24	VA 76122 A	VALVE ASSY, dely
1-28	+BC 76158-1A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D183/100, for all other required parts.

**APF 1 BC 130T 2187A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
Timed for port opening.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2 X	UNION, anglr - fuel inlet
1-5	WMR 2041/6 X	GASKET, anglr union (2)
1-6	NRV 12/1 X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+NT 7635	NUT, discharge tube
1-21	+SV 7622	SLEEVE, dischg tube
1-23	HP 76119	HOLDER, dely valve
1-24	VA 76122 A	VALVE ASSY, dely
1-28	+BC 76168-4 A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D183/100, for all other required parts.

**APF 1 BC 120T 2192A**

VIVIAN ENGINE WORKS  
Timed for port closing.

Ill. No.	Part Number	Description
1-11	RD 76164	RACK, control
1-28	BC 76169-3 A	PLUNGER & BARREL ASSEMBLY

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Refer to Basic Parts List, Section D 183/100, for all other required parts.

**2245 2247**  
**2246 2251**

**APF 1 BC 140T 2245A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
 Timed for port opening.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2 X	UNION, anglr - fuel inlet
1-5	WMR 2041/6 X	GASKET, anglr union (2)
1-6	NRV 12/1 X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+NT 7635	NUT, discharge tube
1-21	+SV 7622	SLEEVE, dischg tube
1-23	HP 76119	HOLDER, dely valve
1-24	VA 76136 A	VALVE ASSY, dely
1-28	BC 76168-5 A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D 183/100, for all other required parts.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2 X	UNION, anglr - fuel inlet
1-5	WMR 2041/6 X	GASKET, anglr union (2)
1-6	NRV 12/1 X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+NT 7635	NUT, discharge tube
1-21	+SV 7622	SLEEVE, dischg tube
1-23	HP 76119	HOLDER, dely valve
1-24	VA 76136 A	VALVE ASSY, dely
1-28	BC 76158-2 A	PLUNGER & BARREL ASSEMBLY
**	SD 7821	STUD, fuel inlet

Refer to Basic Parts List, Section D 183/100, for all other required parts.

**APF 1 BC 100T 2246A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
 Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2 X	UNION, anglr - fuel inlet
1-5	WMR 2041/6 X	GASKET, anglr union (2)
1-6	NRV 12/1 X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+NT 7635	NUT, discharge tube
1-21	+SV 7622	SLEEVE, dischg tube
1-23	HP 76119	HOLDER, dely valve
1-24	VA 76122 A	VALVE ASSY, dely
1-28	BC 76178-1 A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D 183/100, for all other required parts.

**APF 1 BC 130T 2251A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
 Timed for port opening.

Ill. No.	Part Number	Description
1-1	HG 76664 A	HOUSING, pump - incl 7
1-3	NRV 22/2 X	UNION, anglr - fuel inlet
1-5	WMR 2041/6 X	GASKET, anglr - union (2)
1-6	NRV 12/1 X	SCREW, retng - anglr union
1-11	RD 76145	RACK, control
1-20	+NT 7635	NUT, discharge tube
1-21	+SV 7622	SLEEVE, dischg tube
1-23	HP 76119	HOLDER, dely valve
1-24	VA 76122 A	VALVE ASSY, dely
1-28	+BC 76168-4 A	PLUNGER & BARREL ASSEMBLY
**	SD 7621	STUD, fuel inlet

Refer to Basic Parts List, Section D 183/100, for all other required parts.

**APF 1 BC 140T 2247A**

COOPER BESSEMER - Model ENB - 8" x 10-1/2"  
 Timed for port closing.

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<b>3017</b>	<b>3852</b>
<b>3018</b>	<b>4569</b>

**APF 1 BC 110T 3017A**

WHITE MOTOR - Model "Atlas" 35  
- 6-1/2" x 8-1/4"

Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 761076 A	HOUSING, pump - incl 7
1-2	SC 76169	SCREW, bleeder
1-4	GA 7613	GASKET, bleeder sc
1-9	PO 768	POINTER, control rack
1-11	RD 76193	RACK, control
1-23	HP 76272	HOLDER, dely valve
1-28	BC 76120-2 A	PLUNGER & BARREL ASSEMBLY

Parts 20 & 21 furnished by Engine Manufacturer.

Refer to Basic Parts List, Section D183/100, for all other required parts.

**APF 1 BC 130T 3018A & B**

WHITE MOTOR - Model "Atlas" 35 Supercharged  
- 6-1/2" x 8-1/4"

Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 761076 A	HOUSING, pump - incl 7
1-2	SC 76169	SCREW, bleeder
1-4	GA 7613	GASKET, bleeder sc
1-9	PO 768	POINTER, control rack
1-11	RD 76193	RACK, control
1-22	WSF 2056A2X	SPRING, dely valve u/o 3018 A
	SP 76104	SPRING, dely valve u/o 3018 B
1-23	HP 76272	HOLDER, dely valve u/o 3018 A
	HP 76303 A	HOLDER, dely valve u/o 3018 B
1-24	VA 7696 A	VALVE ASSY, delivery - u/o 3018 A
	VA 76165-4A	VALVE ASSY, delivery - u/o 3018 B
1-28	BC 76120-4A	PLUNGER & BARREL ASSEMBLY

Parts 20 & 21 furnished by Engine Manufacturer.

Refer to Basic Parts List, Section D183/100, for all other required parts.

**APF 1 BC 120T 3852A & B**

WHITE MOTOR - Model "Atlas" 35, Norm. Asp.  
- 6-1/2" x 8-1/4"

Timed for port closing.

Ill. No.	Part Number	Description
1-1	HG 761076 A	HOUSING, pump - incl 7
1-2	SC 76169	SCREW, bleeder
1-4	GA 7613	GASKET, bleeder sc
1-9	PO 768	POINTER, cntl rack
1-11	RD 76193	RACK, control
1-22	WSF 2056A2X	SPRING, dely valve - u/o 3852 A
	SP 76104	SPRING, dely valve - u/o 3852 B
1-23	HP 76272	HOLDER, dely va - u/o 3852 A
	HP 76303 A	HOLDER, dely va - u/o 3852 B
1-24	VA 76193 A	VALVE ASSY, dely - u/o 3852 A
	VA 76165-4 A	VALVE ASSY, dely - u/o 3852 B
1-28	BC 76120-3 A	PLUNGER & BARREL ASSEMBLY

Parts 20 & 21 furnished by Engine Manufacturer.

Refer to Basic Parts List, Section D183/100, for all other required parts.

**APF 1 BC 140T 4569A & B**

LINK - BELT SPEEDER

Timed for port closing.

Ill. No.	Part Number	Description
1-3	PG 7639	PLUG, closing
1-20	NT 7637	NUT, delivery nipple
1-21	WA 7821	WASHER, dely npl nut
1-28	† BC 76120-5 A	PLUNGER & BARREL ASSEMBLY - u/o 4569 A
	BC 76120-7 A	PLUNGER & BARREL ASSEMBLY - u/o 4569 B

Omit 5 & 6

Refer to Basic Parts List, Section D183/100, for all other required parts.