

SPECIFICATION (82 MM)

ENGINE MODEL
D1402B-1 (KBT STD)

CUSTOMER: General
APPLICATION: General

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	15521-11761						
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19669-25012	KUBOTA STD					
F/W Housing	19629-04611	KUBOTA STD					
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Cooling Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in B05	*
Belt, Fan	15585-97011		*	Alternator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in Eng. Spec.	*
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	19416-11004	B05 Kit	*
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15221-65951		*				
Auto Air Bleed System	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Nov 03 1989

SPECIFICATION (82 MM)

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: General
APPLICATION: General

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11761		*				
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19416-25014	SAE	*				
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes <u>X</u> no <u> </u>	Incl. in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <u>X</u> no <u> </u>	Incl. in A07	*
Cooling Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes <u>X</u> no <u> </u>	Incl. in A07	*
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes <u>X</u> no <u> </u>	Incl. in B05	*
Belt, Fan	15585-97011		*	Alternator Guard	yes <u>X</u> no <u> </u>	Incl. in Eng. Spec.	*
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes <u>X</u> no <u> </u>	Incl. in A07	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	19416-11004	B05 Kit	*
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15221-65951		*				
Auto Air Bleed System	yes <u>X</u> no <u> </u>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Nov 03 1989

SPECIFICATION (82 MM)

ENGINE MODEL
D1402BG-2 (S.A.E.)

CUSTOMER: General
APPLICATION: Generator (60Hz 1800rpm) General

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operators Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	19818-74152	12mm	
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11762		*				
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19808-25012	SAE (BG)					
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In A07	*
Cooling Fan	17345-74111	Pusher Dia 360		Radiator Guard (net)	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In A07	*
Pulley, Fan Drive	15585-74284	Dia 130		Air Cleaner Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In B05	*
Belt, Fan	15585-97011		*	Alternator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In Eng. Spec.	*
Comp Flange Water	19202-72701	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In A07	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	19808-51012			Muffler Kit Assy	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	19416-11004	B05 Kit	*
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15521-65951		*				
Auto Air Bleed System	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Feb 16 1990

SPECIFICATION (82 MM)

ENGINE MODEL
D1402B-2 (D1402B-67)

CUSTOMER: Engine Power Source (AAR Brooks & Perkins)
APPLICATION: Sweeper

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	15471-36421			Cover Fuel Pump	15426-52851		
Oil Gauge (dipstick)	15471-36411						
Inlet Manifold	15521-11761						
Exhaust Manifold	19403-12311						
Comp. Flywheel	19416-25014	SAE	*				
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	-----	Delete					
Electric Fuel Pump	68371-51211			Muffler Cap	yes ___ no <u>X</u>		
Pre-Fuel Filter	13351-43011			Radiator Mount	yes ___ no <u>X</u>		
Cooling Fan	19431-74111	Pusher Dia 380		Radiator Guard (net)	yes ___ no <u>X</u>		
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes ___ no <u>X</u>		
Belt, Fan	15585-97011		*	Alternator Guard	yes <u>X</u> no ___	Incl. in Eng. Spec.	*
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes ___ no <u>X</u>		
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	-----	Delete	
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	-----	Delete	
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	-----	Delete	
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	-----	Delete	
Glow Plug	15521-65512		*				
Glow Plug Indicator	15521-65951		*				
Auto Air Bleed System	yes <u>X</u> no ___		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Jan 25 1990

SPECIFICATION (82mm)

ENGINE MODEL
D1402B-1 (KBT STD)

CUSTOMER: Beuthling (Northern Power Products)
APPLICATION: Roller

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	19299-01611	2 Drain	*	Oper. Manual	19416-89161	Ship Loose	*
Oil Gauge Guide	15471-36420			Fan Spacer	15521-74151	20mm	*
Oil dipstick	15471-36410			Cyl. Head Cover	15596-14513		*
Inlet Manifold	15521-11761	Rear Inlet					
Exhaust Manifold	15521-12311	Top Outlet	*				
Comp. Flywheel	19669-25012	KBT STD					
F/W Housing	19629-04611	KBT STD					
Fuel Transfer Pump	15381-52032	No Priming Lev.	*				
Elect. Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in C03	
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Cooling Fan	15521-74111	Suct. Dia 360	*	Radiator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Fan Drive Pulley	35220-99222	Fr. PTO dia 130	*	Air Cleaner Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in B05	*
Fan Belt	15585-97011		*	Alt. Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	w/ eng. spec.	*
Water Flange	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Oil Switch	15841-39011	7 psi	*				
Inject Pump	15521-51012		*	Muffler Kit	19428-12003	C03 Kit	
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit	19416-11004	B05 Kit	*
Regulator	33251-74012	Ship Loose	*	Fuel Filter Kit	19416-43001	D04 Kit	*
Coupler Assy	19416-65831	Ship Loose	*	Key Switch	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Ind.	15221-65951	Ship Loose	*	Hydr. Pump Kit	70000-99810	6.3GPM	
Air Bleed Sys.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*	Air Cleaner Hsg	19416-11620		
				Coolant Tank	15531-72402	Add	
				Tank Stay	19449-72502	Add	

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: November 3, 1989

SPECIFICATION

ENGINE MODEL
D1402B-2 (D1402B-68)

CUSTOMER: Engine Power Source (Bob Fisher)
APPLICATION: Road Sweeper

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover	15426-52851	Add	
Inlet Manifold	19274-11761		*	Adaptor Bearing	(19416-25691)	Delete	
Exhaust Manifold	15321-12314			Bolt (4pcs)	(01123-50820)	Delete	
Comp. Flywheel	19416-25011	SAE	*	Muffler Gasket	15371-12371		
Comp. F/W Housing	19416-04611	SAE	*	Muffler Gasket	15221-12371		
Fuel Transfer Pump	-----	Delete		Fuel Pipe Assy	(15261-42011)	Delete	
Electric Fuel Pump	-----			Muffler Cap	yes ___ no <u>X</u>		
Pre-Fuel Filter	-----			Radiator Mount	yes <u>X</u> no ___	Inc in A07 Kit	*
Blowing Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes <u>X</u> no ___	Inc in A07 Kit	*
Pulley, Fan Drive	15585-74282	Dia 130		Air Cleaner Mount	yes ___ no <u>X</u>		
Belt, Fan	15505-97011		*	Alternator Guard	yes <u>X</u> no ___	Inc in Eng Spec	*
Flange, Water	19202-72912	PS 1/2	*	Fan Cover	yes <u>X</u> no ___	Inc in A07 Kit	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51011		*	Muffler Assy	15442-12111		
Starter	15521-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	-----	Delete	
Regulator	33251-74012		*	Fuel Filter Assy	19271-43011		
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65511		*				
Glow Plug Indicator	15521-65951		*				
Auto Air Bleed System	yes <u>X</u> no ___		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Oct 25 1988

SPECIFICATION (82mm)

ENGINE MODEL
D1402B-1 (KBT STD)

CUSTOMER: Continental Diversified Sales (Northern Power)
APPLICATION: Articulated Loader

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	19299-01611	2 Drain	*	Oper. Man.	19416-89161	Ship Loose	*
Oil Gauge Guide	-----			Fan Shaft Collar	15521-74151		*
Oil dipstick	19222-36411		*	Cyl. Head Cover	15596-14513		*
Inlet Manifold	15521-11761	Rear Inlet					
Exhaust Manifold	15521-12311	Top Outlet	*				
Comp. Flywheel	19669-25012	KBT STD					
F/W Housing	19629-04611	KBT STD					
Fuel Transfer Pump	15381-52032	No Priming Lev.	*				
Elect. Fuel Pump	-----						
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Cooling Fan	15594-74110	Pusher Dia 360		Radiator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Fan Drive Pulley	35220-99222	Fr. PTD dia 130	*				
Fan Belt	15585-97011		*	Alt. Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	w/ eng. spec.	*
Water Flange	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Oil Switch	15841-39011	7 psi	*				
Inject Pump	15521-51012		*				
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*				
Regulator	33251-74012	Ship Loose	*	Fuel Filter Kit	19416-43001	D04 Kit	*
Coupler Assy	19416-65831	Ship Loose	*				
Glow Plug	15521-65512		*				
Glow Plug Ind.	15221-65951	Ship Loose	*	Dowel Bolt	34220-14510		
Air Bleed Sys.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: November 3, 1989

SPECIFICATION (82mm)

ATTN: Mr. Dan. - E.C Distributing of WA

ST9A-023
FROM: S. Tsuchiya
KTLED

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: Coleman Engineering
APPLICATION: Generator

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	15349-01611 15324-01614	*1	*				
Oil Gauge Guide	-----			Fan Shaft Collar	15521-74151	20mm	*
Oil dipstick	19222-36411		*				
Inlet Manifold	15521-11761	Rear Inlet	*	Governor Spring	15521-74151	Note 1	
Exhaust Manifold	15521-12311	Top Outlet	*				
Comp. Flywheel	19416-25012	SAE	*				
F/W Housing	19416-04601	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lev.	*				
Elect. Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Adopted	
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Adopted	
Cooling Fan	15594-74112	Pusher Dia 360		Radiator Guard	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Fan Drive Pulley	35220-99222	Fr. PTO dia 130	*	Air Cleaner Mount	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Fan Belt	15505-97011		*	Alt. Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	19242-13860	*
Water Flange	19202-72912	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Adopted	
Oil Switch	15231-39013		*				
Inject Pump	15521-51011		*	Muffler Kit	15521-12112		
Starter	15521-63011	12V, 1.4KW	*	Radiator Kit	19416-72061		
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit	19416-11011		
Regulator	33251-74012	Ship Loose	*	Fuel Filter Kit	15291-43011		
Coupler Assy	19416-65831	Ship Loose	*	Key Switch	66706-55123	E01 Kit	
Glow Plug	15521-65511		*				
Glow Plug Ind.	15521-65951	Ship Loose	*				
Air Bleed Sys.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

Note 1	For 1800 rpm operation.

DATE: August 22, 1985

September 22, 1987

*1 Change Oil Pan

SPECIFICATION

ENGINE MODEL

D1402-B-COLEMAN-1

CUSTOMER: COLEMAN (REVISED)

APPLICATION: Generator

PART NAME	PART NO.	REMARKS	PART NAME	PART NO.	REMARKS
Comp. Oil Pan	15324-01614		Governor Spring	19207-56411	1800rpm
Oil Gauge Guide			Collar, Fan Shaft	15521-74151	*
Oil Gauge (Dipstick)	19222-36411				
Inlet-Manifold	15521-11761				
Exhaust-Manifold	15521-12311				
Comp. Flywheel	19416-25012	SAE			
Comp. F/W Housing	19416-04601	SAE			
Fuel Transfer Pump	15381-52032				
Electric Fuel Pump			Muffler Cap	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Adopted
Pre-Fuel Filter			Radiator Mount	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Adopted
Cooling Fan	15594-74112	Pusher ϕ 360	Radiator Guard (Net)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pulley, Fan Drive	35220-99222		Air Cleaner Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Belt, Fan	15505-97011		Alternator Guard	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	19242-13860 *
Flange, Water	19202-72912	PS1/2	Fan Cover	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Adopted
Switch, Oil	15231-39013				
Assy Pump, Injection	15521-51011		Muffler Kit Assy	15521-12112	
Starter	15521-63011		Radiator Kit Assy	19416-72061	Changed
Alternator	15411-64011	12V, 25A	Air Cleaner Kit Assy	19416-11011	
Regulator	33251-74012		Fuel Filter Kit Assy	15291-43011	
Assy Coupler	19416-65831		Key Switch Assy	66706-55123	
Glow Plug	15521-65511				
Glow Plug Indicator	15521-65951				
Auto Air Bleed System	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Asterisk Mark (*): Standard Part for SAE Spec. Engine Date: Aug. 22, 1985

SPECIFICATION

ENGINE MODEL
DI402B-16

CUSTOMER: *E.Z. Richley*
~~G.N. POWER~~ (FLORY)
APPLICATION: NUTS SWEEPER

PART NAME	PART NO.	REMARKS	PART NAME	PART NO.	REMARKS
Comp. Oil Pan	19299-01611		Return Spring S. Lever	15611-57511	*
Oil Gauge Guide					*
Oil Gauge (Dipstick)	19222-36411				*
Inlet-Manifold	15521-11761				*
Exhaust-Manifold	15521-12311				*
Comp. Flywheel	19823-25811 15527-04602	Special			
Comp. F/W Housing	15527-04613 19853-04601	Special			
Fuel Transfer Pump					
Electric Fuel Pump			Muffler Cap	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*
Pre-Fuel Filter			Radiator Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*
Cooling Fan	15521-74111	SUCTION 360	Radiator Guard (Net)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*
Pulley, Fan Drive	35220-99222	Front PTO	Air Cleaner Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*
Belt, Fan	15505-97011		Alternator Guard	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	*
Flange, Water	19202-72911	PS 1/2	Fan Cover	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	*
Switch, Oil	15841-39011				*
Assy Pump, Injection	15521-51011				*
Starter	15461-63011		Muffler Kit Assy		*
Alternator	15411-64011	12V, 25A	Radiator Kit Assy		*
Regulator	33251-74012		Air Cleaner Kit Assy		*
Assy Coupler	19416-65831		Fuel Filter Kit Assy		*
Glow Plug	15521-65511		Key Switch Assy		*
Glow Plug Indicator	15521-65951			19271-43011	Clear Bowl
Auto Air Bleed System	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Asterisk Mark (*): Standard Part for SAE Spec. Engine

Date: Feb. 12, 1987

SPECIFICATION (82 MM)

ENGINE MODEL D1402BG-2 (D1402BG-67)
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CUSTOMER: Engine Power Source
APPLICATION: Generator (60Hz 1800rpm) General

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operators Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	19818-74152	12mm	
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11762		*				
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19808-25012	SAE (BG)					
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes ___ no <u>X</u>		
Pre-Fuel Filter	-----			Radiator Mount	yes <u>X</u> no ___	Incl. In A07	*
Cooling Fan	17345-74111	Pusher Dia 360		Radiator Guard (net)	yes <u>X</u> no ___	Incl. In A07	*
Pulley, Fan Drive	15585-74284	Dia 130		Air Cleaner Mount	yes <u>X</u> no ___	Incl. In B05	*
Belt, Fan	15585-97011		*	Alternator Guard	yes <u>X</u> no ___	Incl. In Eng. Spec.	*
Comp Flange Water	19202-72701	PS 1/2	*	Fan Cover	yes <u>X</u> no ___	Incl. In A07	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	19808-51012			Muffler Kit Assy	-----	Delete	
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	19416-11004	B05 Kit	*
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15521-65951		*				
Auto Air Bleed System	yes <u>X</u> no ___		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Feb 16 1990

SPECIFICATION (82 MM)

ENGINE MODEL
D1402BG-2 (D1402BG-68)

CUSTOMER: Engine Power Source
APPLICATION: Generator (60Hz 1800rpm) General

Part Name	Part No.	Remarks	*	Part Name	Part No.	Remarks	*
Comp. Oil Pan	19299-01611		*	Operators Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	19818-74152	12mm-	
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11762		*				
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19808-25012	SAE (BG)					
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In A07	*
Cooling Fan	17345-74111	Pusher Dia 360		Radiator Guard (net)	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In A07	*
Pulley, Fan Drive	15585-74284	Dia 130		Air Cleaner Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In B05	*
Belt, Fan	15585-97011		*	Alternator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In Eng. Spec.	*
Comp Flange Water	19202-72701	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. In A07	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	19808-51012			Muffler Kit Assy	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	19416-11004	B05 Kit	*
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15521-65951		*				
Auto Air Bleed System	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Feb 16 1990

SPECIFICATION (82 MM)

ENGINE MODEL
D1402B-2 (D1402B-69)

CUSTOMER: Engine Power Source
APPLICATION: General

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11761		*				
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19416-25014	SAE	*				
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Cooling Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in B05	*
Belt, Fan	15585-97011		*	Alternator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in Eng. Spec.	*
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	19416-11004	B05 Kit	*
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15221-65951		*				
Auto Air Bleed System	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: March 16 1990

SPECIFICATION (82 MM)

ENGINE MODEL
D1402B-1 (KBT-STD)

CUSTOMER: ~~General~~ Ford New Holland
APPLICATION: ~~General~~ Skid Loader

Part Name	Part No.	Remarks	Part Name	Part No.	Remarks
Comp. Oil Pan	15349-01611 19299-01611	Bottom Drain	Operator's Manual	19416-89161	Delete
Oil Gauge Guide	15471-36421		Collar, Fan Shaft	15521-74151	*
Oil Gauge (dipstick)	15471-36411 19222-36411		Cover Cylinder Head	15596-14513	*
Inlet Manifold	15521-11761				
Exhaust Manifold	15521-12311				
Comp. Flywheel	19408-25012 19669-25012	KUBOTA STD			
F/W Housing	19629-04611	KUBOTA STD			
Fuel Transfer Pump	15381-52032	Delete No Priming Lever			
Electric Fuel Pump	-----		Muffler Cap	yes _ no <input checked="" type="checkbox"/>	Incl. in B05
Pre-Fuel Filter	-----		Radiator Mount	yes _ no <input checked="" type="checkbox"/>	Incl. in A07
Cooling Fan	17345-74111 15521-74111	Pusher Suction Dia 360	Radiator Guard (net)	yes _ no <input checked="" type="checkbox"/>	Incl. in A07
Pulley, Fan Drive	15321-74286 35220-99222	Front PTO Dia ¹²⁰ 100	Air Cleaner Mount	yes _ no <input checked="" type="checkbox"/>	Incl. in B05
Belt, Fan	15585-97011	Delete	Alternator Guard	yes _ no <input checked="" type="checkbox"/>	Incl. in Eng. Spec.
Flange, Water	19202-72914	PS 1/2	Fan Cover	yes _ no <input checked="" type="checkbox"/>	Incl. in A07
Switch, Oil	15841-39011				
Assy Pump, Injection	15521-51012		Muffler Kit Assy	19416-12002	B05 Kit Delete
Starter	15461-63011	12V, 1.4KW	Radiator Kit Assy	19416-72006	A07 Kit Delete
Alternator	15411-64011	12V, 25A Delete	Air Cleaner Kit Assy	19416-11004	B05 Kit Delete
Regulator	33251-74012	Delete	Fuel Filter Kit Assy	19416-43001	B04 Kit Delete
Assy Coupler	19416-65831	Delete	Key Switch Assy	66706-55123	E01 Kit Delete
Glow Plug	15521-65512				
Glow Plug Indicator	15221-65951	Delete			
Auto Air Bleed System	yes <input checked="" type="checkbox"/> no _				

ASTERISK MARK * : Standard Part for ^{KTC} ~~SAE~~ Spec. Engine

DATE: ^{Sep. 11} Nov 03 1989

SPECIFICATION

ENGINE MODEL

DI402-B-1

CUSTOMER: Howard Price

APPLICATION: Turf Tractor

PART NAME	PART NO.	REMARKS	PART NAME	PART NO.	REMARKS
Comp. Oil Pan	19299-01611		Collar, Fan Shaft	15521-74151	*
Oil Gauge Guide			Water Pipe 1	15471-72851	*
Oil Gauge (Dipstick)	19222-36411		Water Pipe 4	15471-72941	*
Inlet-Manifold	15521-11761		Band (4)	15108-72873	
Exhaust-Manifold	15521-12311				*
Comp. Flywheel	15331-25014	KBT Std.			
Comp. F/W Housing	15348-04601	KBT Std.			
Fuel Transfer Pump	15381-52032				*
Electric Fuel Pump			Muffler Cap	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pre-Fuel Filter			Radiator Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooling Fan	15476-74111	Suctionø380	Radiator Guard (Net)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pulley, Fan Drive	35220-99222	Front PTO	Air Cleaner Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Belt, Fan	15505-97011		Alternator Guard	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flange, Water	19202-72912	PS1/2	Fan Cover	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Switch, Oil	15231-39013				
Assy Pump, Injection	15521-51011				
Starter	15521-63011		Muffler Kit Assy	15521-12112	Bare
Alternator	15411-64011	12V 25A	Radiator Kit Assy	19412-72061	Bare V1702/V1902
Regulator	33251-74012		Air Cleaner Kit Assy	19416-11011	Bare
Assy Coupler		Delete	Fuel Filter Kit Assy	15291-43011	Bare
Glow Plug	15521-65511		Key Switch Assy		Delete
Glow Plug Indicator	15521-65951				
Auto Air Bleed System	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Date ; Apr. 3 1987

Asterisk Mark (*) : Standard Part for SAE Spec. Engine

SPECIFICATION (82mm)

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: Hecla Mfg. (Northern Power Products)
APPLICATION: Skid Steer

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	19299-01611	2 Drain	*	Oper. Man.	19416-89161	Ship Loose	*
Oil Gauge Guide	-----			Fan Shaft Collar	15521-74151		*
Oil dipstick	19222-36411		*	Cyl. Head Cover	15596-14513		*
Inlet Manifold	19274-11761	Side Outlet	*				
Exhaust Manifold	15521-12311	Top Outlet	*				
Comp. Flywheel	19416-25011	SAE	*				
F/W Housing	19416-04611	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lev.	*				
Elect. Fuel Pump	-----			Muffler Cap	yes _ no <u>x</u>	in C05	
Pre-Fuel Filter	-----			Radiator Mount	yes _ no <u>x</u>	in A07	
Cooling Fan	15521-74111	Suct. Dia 360	*	Radiator Guard	yes _ no <u>x</u>	in A07	
Fan Drive Pulley	35220-99222	Fr. PTO dia 130	*	Air Cleaner Mount	yes _ no <u>x</u>	in B05	
Fan Belt	15585-97011		*	Alt. Guard	yes <u>x</u> no _	19242-13861	*
Water Flange	19202-72914	PS 1/2	*	Fan Cover	yes _ no <u>x</u>	in A07	
Oil Switch	15231-39013		*				
Inject Pump	15521-51012		*	Muffler Kit			
Starter	15521-63011	12V, 1.4KW	*	Radiator Kit			
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit			
Regulator	33251-74012	Ship Loose	*	Fuel Filter Kit	19416-43001	D04 Kit	*
Coupler Assy	19416-65831	Ship Loose	*	Key Switch	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Ind.	15221-65951	Ship Loose	*	Fuel Filter	15291-43011		
Air Bleed Sys.	yes <u>x</u> no _		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: April 9, 1985

SPECIFICATION (82mm)

ENGINE MODEL
D1402B-2 (D1402B-71)

CUSTOMER: Ingersoll-Rand (Engine Distributors)
APPLICATION: Asphalt Paver

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	19299-01611		*	Oper. Man.	19416-89163		*
Oil Gauge Guide	-----			Fan Shaft Collar	15521-74151		*
Oil dipstick	19222-36411		*	Cyl. Head Cover	15596-14513		*
Inlet Manifold	19274-11761	Side Inlet	*				
Exhaust Manifold	15521-12311	Front Outlet	*	Thermostat Cover	15196-73260	Ship Loose	
Comp. Flywheel	19416-25015	SAE 6 1/2"	*	Cover Gasket	15321-73270	Ship Loose	
F/W Housing	19416-04614	SAE No. 4	*				
Fuel Transfer Pump	15381-52032	No Priming Lev.	*				
Elect. Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Cooling Fan	15521-74111	Suct. Dia 360	*	Radiator Guard	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Fan Drive Pulley	35220-99222	Fr. PTO dia 130	*	Air Cleaner Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in B05	*
Fan Belt	15585-97011		*	Alt. Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	w/ eng. spec.	*
Water Flange	19202-72701	PS 1/2	*	Fan Cover	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Oil Switch	15841-39011		*				
Inject Pump	15521-51012		*	Muffler Kit	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit	-----	Delete	
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit	19416-11004	B05 Kit	*
Regulator	33251-74012		*	Fuel Filter Kit	19416-43001	D04 Kit	*
Coupler Assy	19416-65831		*	Key Switch	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Ind.	15221-65951		*				
Air Bleed Sys.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: November 18, 1991

SPECIFICATION

ENGINE MODEL
D1402-B-KOEHRING

CUSTOMER: KOEHRING P/N 8262115
APPLICATION: 1050 SCATTRAK

PART NAME	PART NO.	REMARKS	PART NAME	PART NO.	REMARKS
Comp. Oil Pan	19299-01611	*	Collar, Fan Shaft	15521-74151	*
Oil Gauge Guide	/		Gasket, Muffler	15371-12371	PACKAGED LOOSE
Oil Gauge (Dipstick)	19222-36411	*	Pipe, Water	15521-72941	PACKAGED LOOSE
Inlet-Manifold	15521-11761		Pipe, Water	15521-72851	PACKAGED LOOSE
Exhaust-Manifold	15521-12311	*			
Comp. Flywheel	15331-25014	KBT Std.			
Comp. F/W Housing	15348-04601	KBT Std.			
Fuel Transfer Pump	15381-52032	*			
Electric Fuel Pump	/		Muffler Cap	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pre-Fuel Filter	/		Radiator Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooling Fan	15594-74112	PUSHER ϕ 360	Radiator Guard (Net)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pulley, Fan Drive	35220-99222	FRONT PTO	Air Cleaner Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Belt, Fan	15505-97011	*	Alternator Guard	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Flange, Water	19202-72912	PS1/2	Fan Cover	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Switch, Oil	15231-39013	*			
Assy Pump, Injection	15521-51011	*			
Starter	15521-63011	*	Muffler Kit Assy	/	
Alternator	15411-64011	12V, 25A PACKAGED	Radiator Kit Assy	19416-72061	PACKAGED LOOSE
Regulator	33251-74012	LOOSE	Air Cleaner Kit Assy	/	
Assy Coupler	19416-65831	PACKAGED LOOSE	Fuel Filter Kit Assy	15291-43011	PACKAGED LOOSE
Glow Plug	15521-65511	PACKAGED	Key Switch Assy	66706-55123	PACKAGED LOOSE
Glow Plug Indicator	15521-65951	PACKAGED LOOSE			
Auto Air Bleed System	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	*			

Asterisk Mark (*): Standard Part for SAE Spec. Engine

Date ; Oct. 7, 1985

SPECIFICATION (82mm)

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: Lake Erie Welding (Capital Engine)
APPLICATION: Crack Sealer

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	19299-01611	2 Drain	*	Oper. Manual	19416-89161	Ship Loose	*
Oil Gauge Guide	-----			Fan Shaft Collar	15521-74151		*
Oil dipstick	19222-36411		*	Cyl. Head Cover	15596-14513		*
Inlet Manifold	15521-11761	Front -Rear Inlet					
Exhaust Manifold	15521-12311	Top Outlet	*	Coolant Tank	15531-72402		
Comp. Flywheel	19416-25014	SAE	*	Tank Bracket	19449-72502		
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lev.	*				
Elect. Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Cooling Fan	15521-74111	Suct. Dia 360	*	Radiator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Fan Drive Pulley	35220-99222	Fr. PTO dia 130	*	Air Cleaner Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in B05	*
Fan Belt	15585-97011		*	Alt. Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	w/ eng. spec.	*
Water Flange	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Oil Switch	-----	Delete					
Inject Pump	15521-51012		*	Muffler Kit	19416-12002	C05 Kit	*
Starter	15461-63011 15521-63011	12V, 1.4KW	*	Radiator Kit	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit	19416-11004	B05 Kit	*
Regulator	33251-74012	Ship Loose	*	Fuel Filter Kit	19416-43001	D04 Kit	*
Coupler Assy	19416-65831	Ship Loose	*	Key Switch	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Ind.	15221-65951	Ship Loose	*				
Air Bleed Sys.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: September 7, 1990

SPECIFICATION

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: LeRoi Dresser Inc.
APPLICATION: Air Compressor

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*				
Inlet Manifold	19274-11761		*				
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19416-25012	SAE	*				
Comp. F/W Housing	19416-04601	SAE	*				
Fuel Transfer Pump	15381-52032		*				
Electric Fuel Pump	-----			Muffler Cap	yes ___ no <u>X</u>		
Pre-Fuel Filter	-----			Radiator Mount	yes ___ no <u>X</u>		
Timing Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes ___ no <u>X</u>		
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes ___ no <u>X</u>		
Belt, Fan	15505-97011		*	Alternator Guard	yes ___ no <u>X</u>		
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes ___ no <u>X</u>		
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51011		*	Muffler Kit Assy	-----	Delete	
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	-----	Delete	
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	-----	Delete	
Regulator	33251-74012		*	Fuel Filter Kit Assy	-----	Delete	
Assy Coupler	19416-68531		*	Key Switch Assy	-----	Delete	
Glow Plug	15521-65512		*				
Glow Plug Indicator	15221-65951		*				
Auto Air Bleed System	yes <u>X</u> no ___		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Nov 9 1988 (Quote Spec)

SPECIFICATION

ENGINE MODEL

D1102-B-NOMICS-1

CUSTOMER: NOMICS

APPLICATION: Hydraulic Power Unit

PART NAME	PART NO.	REMARKS	PART NAME	PART NO.	REMARKS
Comp. Oil Pan	15324-01614		Fan Collar	15521-74151	*
Oil Gauge Guide	15471-36421		Inlet Pipe	15327-11621	
Oil Gauge (Dipstick)	15471-36411		Flange, Muffler	15221-12324	
Inlet-Manifold	15501-11761				
Exhaust-Manifold	15321-12314				
Comp. Flywheel	15331-25014	KBT Std.			
Comp. F/W Housing	15348-04601	KBT Std.			
Fuel Transfer Pump					
Electric Fuel Pump			Muffler Cap	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pre-Fuel Filter			Radiator Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooling Fan	15501-74111	Suction ϕ 320	Radiator Guard (Net)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pulley, Fan Drive	15321-74284		Air Cleaner Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Belt, Fan	15521-97011		Fan, Alternator Guard	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Flange, Water	15521-72911				
Switch, Oil	Deleted				
Assy Pump, Injection	15521-51011				
Starter	15321-63016		Muffler Kit Assy	15221-12115	
Alternator	15253-64011	12V, 35A	Radiator Kit Assy	15501-72061	
Regulator	33251-74012		Air Cleaner Kit Assy	15501-11011	
Assy Coupler	19416-65831		Fuel Filter Kit Assy		
Glow Plug	15521-65511		Key Switch Assy	66706-55123	*
Glow Plug Indicator	15521-65951				
Auto Air Bleed System	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

Asterisk Mark (*) : Standard Part for ^{D1402^B}SAE Spec. Engine Date : Sept, 10, 1984

SPECIFICATION (82 MM)

ENGINE MODEL D1402B-2 (D1402B-51)

CUSTOMER: Northeast Engines
APPLICATION: General

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11761		*				
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19416-25014	SAE	*				
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes __ no <u>X</u>		
Pre-Fuel Filter	-----			Radiator Mount	yes __ no <u>X</u>		
Cooling Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes __ no <u>X</u>		
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes __ no <u>X</u>		
Belt, Fan	15585-97011		*	Alternator Guard	yes <u>X</u> no __	Incl. in Eng. Spec.	*
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes __ no <u>X</u>		
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	-----	Delete	
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	-----	Delete	
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	-----	Delete	
Regulator	33251-74012		*	Fuel Filter Kit Assy	-----	Delete	
Assy Coupler	19416-65831		*	Key Switch Assy	-----	Delete	
Glow Plug	15521-65512		*				
Glow Plug Indicator	15221-65951		*				
Auto Air Bleed System	yes <u>X</u> no __		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: May 23 1990

SPECIFICATION (82 MM)

ENGINE MODEL
D1402B-1 (D1402B-61)

CUSTOMER: Northern Power Products
APPLICATION: General

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	15521-11761						
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19669-25012	KUBOTA STD					
F/W Housing	19629-04611	KUBOTA STD					
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes ___ no <u>X</u>		
Pre-Fuel Filter	-----			Radiator Mount	yes ___ no <u>X</u>		
Cooling Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes ___ no <u>X</u>		
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes ___ no <u>X</u>		
Belt, Fan	15585-97011		*	Alternator Guard	yes <u>X</u> no ___	Incl. in Eng. Spec.	*
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes ___ no <u>X</u>		
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	-----	Delete	
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	-----	Delete	
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	-----	Delete	
Regulator	33251-74012		*	Fuel Filter Kit Assy	-----	Delete	
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15221-65951		*				
Auto Air Bleed System	yes <u>X</u> no ___		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Feb 16 1990

SPECIFICATION (82 MM)

ENGINE MODEL D1402B-1 (D1402B-60)

CUSTOMER: Northern Power (Tennant)
APPLICATION: Sweeper

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	-----	Delete	
Oil Gauge Guide	15418-36422			Cover Cylinder Head	15596-14513		*
Oil Gauge (dipstick)	15418-36411			Collar, Fan Shaft	15521-74151		*
Inlet Manifold	15521-11761			Dynamo Stay	15321-64421		*
Exhaust Manifold	15321-12314			Fuel Overflow Pipe	19669-42501		
Comp. Flywheel	19892-25011			Comp Crank Case	19271-01011	Delete F/Pump Hole	
F/W Housing	19629-04611	KBT STD		Gasket Muffler	15221-12371		
Fuel Transfer Pump	-----	Deleted		Muffler Cap	yes __ no <u>X</u>		
Electric Fuel Pump	-----			Radiator Mount	yes __ no <u>X</u>		
Pre-Fuel Filter	-----			Radiator Guard (net)	yes __ no <u>X</u>		
Cooling Fan	17345-74111	Pusher Dia 360		Air Cleaner Mount	yes __ no <u>X</u>		
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Alternator Guard	yes __ no <u>X</u>		
Belt, Fan	-----	Deleted		Fan Cover	yes __ no <u>X</u>		
Flange, Water	19202-72914	PS 1/2	*	Muffler Kit Assy	-----	Delete	
Switch, Oil	15841-39011		*	Radiator Kit Assy	-----	Delete	
Assy Pump, Injection	15521-51012		*	Air Cleaner Kit Assy	-----	Delete	
Starter	15461-63011	12V,1.4KW	*	Fuel Filter Kit Assy	-----	Delete	
Alternator	-----	Deleted		Key Switch Assy	-----	Delete	
Regulator	-----	Deleted					
Assy Coupler	-----	Deleted					
Glow Plug	15521-65512		*				
Glow Plug Indicator	15521-65951		*				
Auto Air Bleed System	yes <u>X</u> no __		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Dec 12 1989

SPECIFICATION

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: Spyder (Cay Power Products)
APPLICATION: Material Handler (Forklift)

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11761		*	Cooling Fan	17345-74111	Pusher Dia 360	
Exhaust Manifold	15521-12311	Deleted by OEM		Exhaust Manifold	19403-12311		
Comp. Flywheel	19416-25014	SAE	*				
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032		*				
Electric Fuel Pump	-----			Muffler Cap	yes ___ no <u>X</u>	Delete by OEM	
Pre-Fuel Filter	-----			Radiator Mount	yes <u>X</u> no ___	Inc in A07	*
Cooling Fan	15521-74111	Deleted by OEM		Radiator Guard (net)	yes ___ no <u>X</u>	Deleted by OEM	
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes ___ no <u>X</u>	Deleted by OEM	
Belt, Fan	15505-97011		*	Alternator Guard	yes <u>X</u> no ___	Inc in Eng. Spec	*
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes <u>X</u> no ___	Inc in A07	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	19416-12002	Cap Delete	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	Net Delete	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	19416-11004	Mount Delete	*
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15221-65951	Deleted by OEM					
Auto Air Bleed System	yes <u>X</u> no ___		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: May 08 1989

SPECIFICATION (82 MM)

ENGINE MODEL D1402B-2 (D1402B-73)

CUSTOMER: Sullair
APPLICATION: Air Compressor

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11761		*	Cover Fuel Pump	15426-52851		
Exhaust Manifold	15521-12311		*	Adaptor Bearing	-----	Delete	
Comp. Flywheel	19416-25014	SAE	*	Bolt (4pcs)	-----	Delete	
F/W Housing	19416-04614	SAE	*	Shaft Fuel Cam	19274-16021	Special	
Fuel Transfer Pump	-----						
Electric Fuel Pump	68371-51211			Muffler Cap	yes ___ no <u>X</u>		
Pre-Fuel Filter	13351-43011			Radiator Mount	yes ___ no <u>X</u>		
Cooling Fan	15476-74111	Suction Dia 380		Radiator Guard (net)	yes ___ no <u>X</u>		
Pulley, Fan Drive	15585-74282	Dia 130		Air Cleaner Mount	yes ___ no <u>X</u>		
Belt, Fan	15585-97011		*	Alternator Guard	yes ___ no <u>X</u>		
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes ___ no <u>X</u>		
Switch, Oil	-----						
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	-----		
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	-----		
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	-----		
Regulator	33251-74012		*	Fuel Filter Kit Assy	-----		
Assy Coupler	19416-65831		*	Key Switch Assy	-----		
Glow Plug	15521-65512		*				
Glow Plug Indicator	-----	Delete		Recovery Tank	15501-72402		
Auto Air Bleed System	yes ___ no <u>X</u>			Tank Bracket	15521-72462		

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: June 05 1990

SPECIFICATION

ENGINE MODEL

D1102-B-TOPPING-1

CUSTOMER: TOPPING DISTRIBUTORS

APPLICATION: Hydraulic Power Unit

PART NAME	PART NO.	REMARKS	PART NAME	PART NO.	REMARKS
Comp. Oil Pan	15324-01614		Comp. Crankcase	15505-01016	
Oil Gauge Guide			Assy. Fuel Tank	15403-41016	
Oil Gauge (Dipstick)	15221-36413		Muffler Flange	15221-12324	
Inlet-Manifold	15501-11761		Tool Box	17011-91113	
Exhaust-Manifold	15321-12314		Assy. Tool	15308-86011	
Comp. Flywheel	15331-25014				
Comp. F/W Housing	15403-04615				
Fuel Transfer Pump			Muffler Cap	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Fuel Pump			Radiator Mount	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	19242-13751
Pre-Fuel Filter			Radiator Guard (Net)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	15327-72251 15327-72261
Cooling Fan	19242-74111	Suction, ϕ 300	Air Cleaner Mount	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	15327-11573
Pulley, Fan Drive	15321-74284	ϕ 120	Fan, Alternator Guard	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Belt, Fan					
Flange, Water	15521-72911				
Switch, Oil	15231-39013				
Assy Pump, Injection	15521-51011	*			
Starter	15501-63011		Muffler Kit Assy	15221-12115	
Alternator			Radiator Kit Assy	15327-72061	
Regulator			Air Cleaner Kit Assy	15222-11014	
Assy Coupler			Fuel Filter Kit Assy	15224-43012	
Glow Plug	15521-65511	*	Key Switch Assy		
Glow Plug Indicator	15531-65951				
Auto Air Bleed System	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

SPECIFICATION



ENGINE MODEL
D1402B-2 (D1402B-64)

CUSTOMER: Teledyne Princeton INC (Capital Engine Co.)
APPLICATION: Forklift

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Collar, Fan Shaft	15521-74151		*
Oil Gauge Guide	-----			Operator's Manual	19416-89161		*
Oil Gauge (dipstick)	19222-36411		*	Lamp, Timer	15694-65991	Quick Glow	
Inlet Manifold	19274-11761		*	Indicator Lamp	15403-64491	Quick Glow	
Exhaust Manifold	15521-12311		*	Connector	19872-65841	Quick Glow	
Comp. Flywheel	19416-25011	SAE	*	Terminal (5pcs)	19237-65911	Quick Glow	
Comp. F/W Housing	19416-04611	SAE	*	Bearing Adaptor	19416-25691	Delete	
Fuel Transfer Pump	15381-52032		*	Inlet Pipe	19416-11621	Extra	
Electric Fuel Pump	-----			Muffler Cap	yes ___ no <u>X</u>	Delete	
Pre-Fuel Filter	-----			Radiator Mount	yes <u>X</u> no ___		*
Cooling Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes <u>X</u> ___		*
Pulley, Fan Drive	15585-74282	Dia 130		Air Cleaner Mount	yes ___ no <u>X</u>	Delete 19416-11571	
Belt, Fan	15505-97011		*	Alternator Guard	yes <u>X</u> no ___		*
Flange, Water	19202-72912	PS 1/2	*	Fan Cover	yes <u>X</u> no ___		*
Switch, Oil	15231-39013		*	Paint	Primer Paint	(Light Blue)	
Assy Pump, Injection	15521-51011		*	Muffler Kit Assy	19416-12002		
Starter	15521-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72003		*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	19416-11003		
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001		*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123		*
Glow Plug	15806-65512	Quick Glow					
Glow Plug Indicator	-----	Delete		Bolt (2pcs)	19416-91011	Delete	
Auto Air Bleed System	yes <u>X</u> no ___		*	Washer Spring (2pcs)	04512-50140	Delete	

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Feb 02 1989

SPECIFICATION (82mm)

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: Tymco
APPLICATION: Road Sweeper

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	19299-01611		*	Oper. Man.	19416-89161	Ship Loose	*
Oil Gauge Guide	-----			Fan Shaft Collar	15521-74151	20mm	*
Oil dipstick	19222-36411		*	Cyl. Head Cover	15596-14513		*
Inlet Manifold	19274-11761	Side Inlet	*				
Exhaust Manifold	15521-12311	Top Outlet	*	Hourmeter Drive	15425-83301	Supply by parts.	
Comp. Flywheel	19416-25014	SAE	*				
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lev.	*				
Elect. Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Cooling Fan	15521-74111	Suct. Dia 360	*	Radiator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Fan Drive Pulley	35220-99222	Fr. PTO dia 130	*	AirCleaner Mount	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Fan Belt	15585-97011		*	Alt. Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	w/ eng. spec.	*
Water Flange	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Oil Switch	15841-39011	7 PSI	*				
Inject Pump	15521-51012		*	Muffler Kit	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit	-----	Delete	
Regulator	33251-74012	Ship Loose	*	Fuel Filter Kit	19416-43001	D04 Kit	*
Coupler Assy	19416-65831	Ship Loose	*	Key Switch	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Ind.	15221-65951	Ship Loose	*				
Air Bleed Sys.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: February 20, 1995

SPECIFICATION (82mm)

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: Tymco
APPLICATION: Road Sweeper

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	19299-01611		*	Oper. Man.	19416-89161	Ship Loose	*
Oil Gauge Guide	-----			Fan Shaft Collar	15521-74151	20mm	*
Oil dipstick	19222-36411		*	Cyl. Head Cover	15596-14513		*
Inlet Manifold	19274-11761	Side Inlet	*				
Exhaust Manifold	15521-12311	Top Outlet	*	Hourmeter Drive	15425-83301	Supply by parts.	
Comp. Flywheel	19416-25014	SAE	*				
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lev.	*				
Elect. Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Cooling Fan	15521-74111	Suct. Dia 360	*	Radiator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Fan Drive Pulley	35220-99222	Fr. PTO dia 130	*	AirCleaner Mount	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Fan Belt	15585-97011		*	Alt. Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	w/ eng. spec.	*
Water Flange	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Oil Switch	15841-39011	7 PSI	*				
Inject Pump	15521-51012		*	Muffler Kit	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit	-----	Delete	
Regulator	33251-74012	Ship Loose	*	Fuel Filter Kit	19416-43001	D04 Kit	*
Coupler Assy	19416-65831	Ship Loose	*	Key Switch	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Ind.	15221-65951	Ship Loose	*				
Air Bleed Sys.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: November 3, 1989

SPECIFICATION (82 MM)

ENGINE MODEL
D1402B-2 (SAE)

CUSTOMER: TYMCO
APPLICATION: Road Sweeper

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp. Oil Pan	19299-01611		*	Operator's Manual	19416-89161		*
Oil Gauge Guide	-----			Collar, Fan Shaft	15521-74151		*
Oil Gauge (dipstick)	19222-36411		*	Cover Cylinder Head	15596-14513		*
Inlet Manifold	19274-11761		*	Drive Unit(Hour Meter)	15425-83301	Supply By Parts	
Exhaust Manifold	15521-12311		*				
Comp. Flywheel	19416-25014	SAE	*				
F/W Housing	19416-04614	SAE	*				
Fuel Transfer Pump	15381-52032	No Priming Lever	*				
Electric Fuel Pump	-----			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Cooling Fan	15521-74111	Suction Dia 360	*	Radiator Guard (net)	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Pulley, Fan Drive	35220-99222	Front PTO Dia 130	*	Air Cleaner Mount	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Belt, Fan	15585-97011		*	Alternator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in Eng. Spec.	*
Flange, Water	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	Incl. in A07	*
Switch, Oil	15841-39011		*				
Assy Pump, Injection	15521-51012		*	Muffler Kit Assy	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit Assy	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit Assy	-----		
Regulator	33251-74012		*	Fuel Filter Kit Assy	19416-43001	D04 Kit	*
Assy Coupler	19416-65831		*	Key Switch Assy	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Indicator	15221-65951		*				
Auto Air Bleed System	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: Nov 03 1989

SPECIFICATION (82mm)

ENGINE MODEL
D1402B-1 (KBT STD)

CUSTOMER: Vanair Manufacturing (Cummins Michigan)
APPLICATION: Vacuum Excavator

Part Name	Part No.	Remarks		Part Name	Part No.	Remarks	
Comp Oil Pan	19299-01611		*	Oper. Man.	19416-89161	Ship Loose	*
Oil Gauge Guide	-----			Fan Shaft Collar	15521-74151		*
Oil dipstick	19222-36411		*	Cyl. Head Cover	15596-14513		*
Inlet Manifold	15521-11761	Rear Inlet		Fuel Pump Cover	15426-52851		
Exhaust Manifold	15521-12311	Top Outlet	*				
Comp. Flywheel	19669-25012	KBT STD					
F/W Housing	19629-04611	KBT STD					
Fuel Transfer Pump	-----	Delete					
Elect. Fuel Pump	I01 Kit			Muffler Cap	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in C05	*
Pre-Fuel Filter	-----			Radiator Mount	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Cooling Fan	15521-74111	Suct. Dia 360	*	Radiator Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Fan Drive Pulley	35220-99222	Fr. PTO dia 130	*	Air Cleaner Mount	yes <input type="checkbox"/> no <input checked="" type="checkbox"/>		
Fan Belt	15585-97011		*	Alt. Guard	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	w/ eng. spec.	*
Water Flange	19202-72914	PS 1/2	*	Fan Cover	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	in A07	*
Oil Switch	15841-39011	7 psi	*				
Inject Pump	15521-51012		*	Muffler Kit	19416-12002	C05 Kit	*
Starter	15461-63011	12V, 1.4KW	*	Radiator Kit	19416-72006	A07 Kit	*
Alternator	15411-64011	12V, 25A	*	Air Cleaner Kit			
Regulator	33251-74012	Ship Loose	*	Fuel Filter Kit	19416-43001	D04 Kit	*
Coupler Assy	19416-65831	Ship Loose	*	Key Switch	66706-55123	E01 Kit	*
Glow Plug	15521-65512		*				
Glow Plug Ind.	15221-65951	Ship Loose	*				
Air Bleed Sys.	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>		*				

ASTERISK MARK * : Standard Part for SAE Spec. Engine

DATE: September 17, 1990

SPECIFICATION

ENGINE MODEL

D1402-B-WESTERN-1

CUSTOMER: WESTERN (ESCO)

APPLICATION: Generator

PART NAME	PART NO.	REMARKS	PART NAME	PART NO.	REMARKS
Comp. Oil Pan	15595-01611		Collar, Fan Shaft	15521-74151	*
Oil Gauge Guide	68741-42541		Pipe, Inlet	15327-11621	For D1102-BC
Oil Gauge (Dipstick)	68741-42152		Band, Air Cleaner	34150-13960	
Inlet-Manifold	19274-11761		Governor Spring	19207-56411	1800rpm
Exhaust-Manifold	15321-12314				
Comp. Flywheel	19416-25012	SAE *			
Comp. F/W Housing	19416-04601	SAE *			
Fuel Transfer Pump	15381-52032				
Electric Fuel Pump			Muffler Cap	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pre-Fuel Filter			Radiator Mount	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooling Fan	15594-74112	Pusher #360	Radiator Guard (Net)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Pulley, Fan Drive	35220-99222		Air Cleaner Mount	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	15327-11571
Belt, Fan	15401-97011	of 15505-9701	Part , Alternator Guard	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	19242-13861
Flange, Water	19202-72911	PS1/2			
Switch, Oil	15231-39013				
Assy Pump, Injection	15521-51011				
Starter	15521-63011		Muffler Kit Assy		
Alternator	15411-64011	12V, 25A	Radiator Kit Assy	15596-72061	*
Regulator	33251-74012		Air Cleaner Kit Assy	15222-11012	For D1102-BC
Assy Coupler	19416-65831		Fuel Filter Kit Assy	15271-43011	
Glow Plug	15521-65511		Key Switch Assy		
Glow Plug Indicator	15521-65951				
Auto Air Bleed System	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

Asterisk Mark (*) : Standard Part for SAE Spec. Engine

Date : Aug. 7, 1984