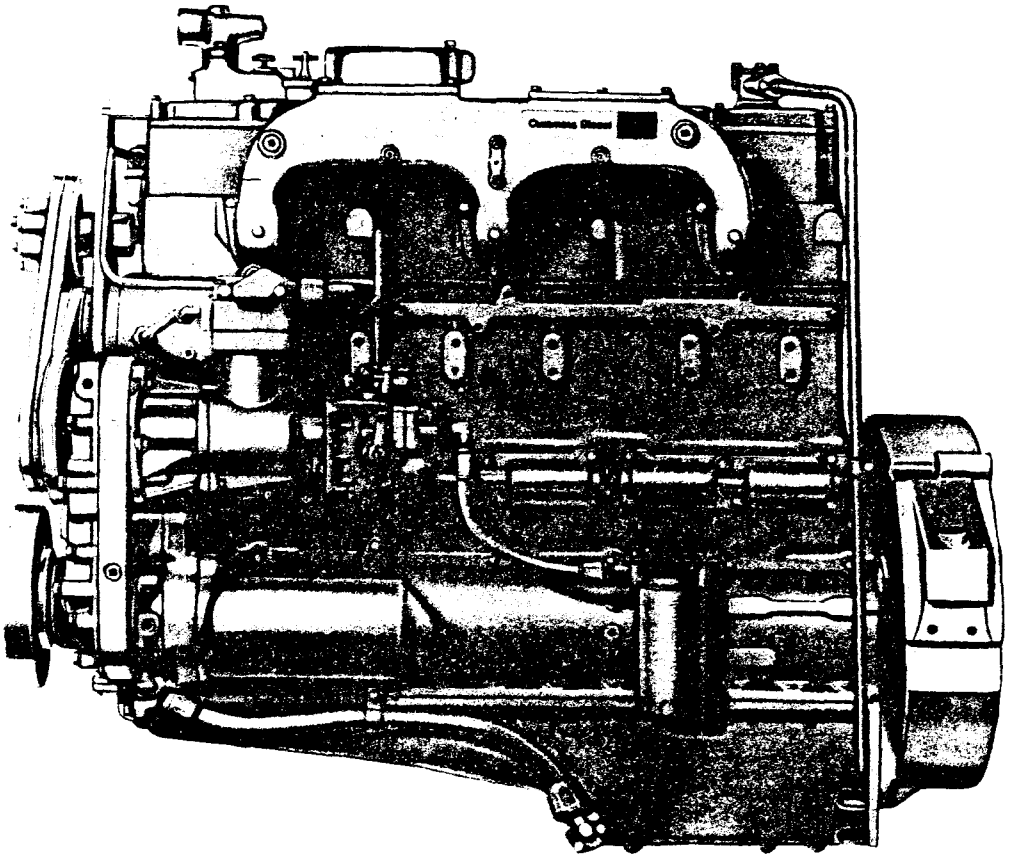
Cummins Parts Catalog

Model: NT-5½" Bore. 855 Series (Full Flow Cooling)

Bulletin: 3379511-04



Parts Ordering for: NT 5½ Bore,855 Series (Full Flow Cooling)

Genuine Cummins Parts and service facilities are worldwide. There are more than 2400 Cummins Sales and Service locations in the principal cities of the United States and Canada, and more than 500 Sales and Service locations situated elsewhere throughout the free world. Each distribution outlet is thoroughly equipped with technical data, factory-trained mechanics, modern equipment and a full, adequate stock of Genuine Cummins Parts.

For quicker and better service, your parts requirements should be ordered from your nearest Cummins Distributor or Dealer. At any of the locations prompt, intelligent, courteous service is a basic trademark. Each is ready and eager to help in every possible way through personal contact or through the mail — at your convenience.

The satisfactory ordering and receiving of parts by the purchaser is greatly dependent upon the proper use of available information. In order that all avoidable errors may be eliminated, the following instructions are offered as the purchaser's guide:

1. Write your order clearly, using a typewriter if possible.
2. Be sure to list the correct part number. If in doubt as to the correct part number, state the model and serial number of the engine on which the part is to be used. Part numbers are usually located in various places on the part itself.
3. When possible, arrange your purchase order in part number numerical sequence.
4. Always specify shipping instructions — "Best Way" is satisfactory if you have no preference
5. State your company name and shipping address clearly.

Genuine Cummins Parts mean QUALITY! They're designed and engineered to fit best in your Cummins Diesel. Each part is made of the highest quality material — on the most accurate of machines — by the top craftsmen of the trade.

You can be sure a Genuine Cummins Part will fit better — do the job better — lessen the chances of costly breakdown. When you buy replacement parts, buy quality. Buy Genuine Cummins Parts!

YOU OWN THE BEST . . . REPAIR WITH THE BEST

CUSTOMER SERVICE INFORMATION

This Parts Catalog contains standard parts information for the following NT-5 1/2" bore, 855 FFC series engines. On the engine nameplate the engine is identified by Engine Model and R.P.M. In this Parts Catalog the engines are identified by Model, R.P.M. and Air Intercooler. "FFC" pertains to engines with "full flow oil cooling" and revised front end design. The following chart provides reference to the various engine models contained in this catalog.

MODEL	RPM	REMARKS
NT-310	2100	
NTC-250(S)		
NTC-270-CT	2100	
NTC-290	2100	
NTC-290-R	2100	
NTC-335	2100	
NT-855-C-335	1950	
NTC-350	2100	Air Intercooler
Power Torque 300-D	2300	
Power Torque 330-D	2300	Air Intercooler
NTA-855-C-380	2300	Air Intercooler
NT-855-C-310	2100	
NTA-855-C-360	2100	Air Intercooler
NT-855-C-280	2100	

Explanation of letter designations for the various engine applications is listed below.

Auto = Automotive application.
B = Off highway application, less air compressor.
C = Construction and mining application, mobile type of equipment.
P = Industrial application, radiator cooled, stationary unit.

In the engine application box on each page, an "X" appearing in an application column denotes the parts information on the page is applicable.

Part numbers appearing in ( ) are for identification purposes only and should not be used when ordering service replacement parts.

The form below is provided for your convenience and when properly filled out, will allow proper identification of your unit and the normal maintenance items. Parts information errors that could cause extended down time could be avoided if the information on this form is referred to when ordering parts from your Cummins Distributor or Dealer.

ALWAYS SPECIFY ENGINE MODEL AND SERIAL NUMBER
WHEN ORDERING PARTS FROM THIS CATALOG

Engine Model _____ Engine Serial No. _____

MFG Make _____ Model _____ Chassis No. _____

Fuel Pump Assembly No. _____ Injector No. _____

Belt, Fan _____ Belt, Water Pump _____ Belt, Gen. _____

Element, Fuel Filter _____ Full Flow Lub. Filter _____

Air Cleaner _____ By-Pass Lub. Filter _____

Special Equipment

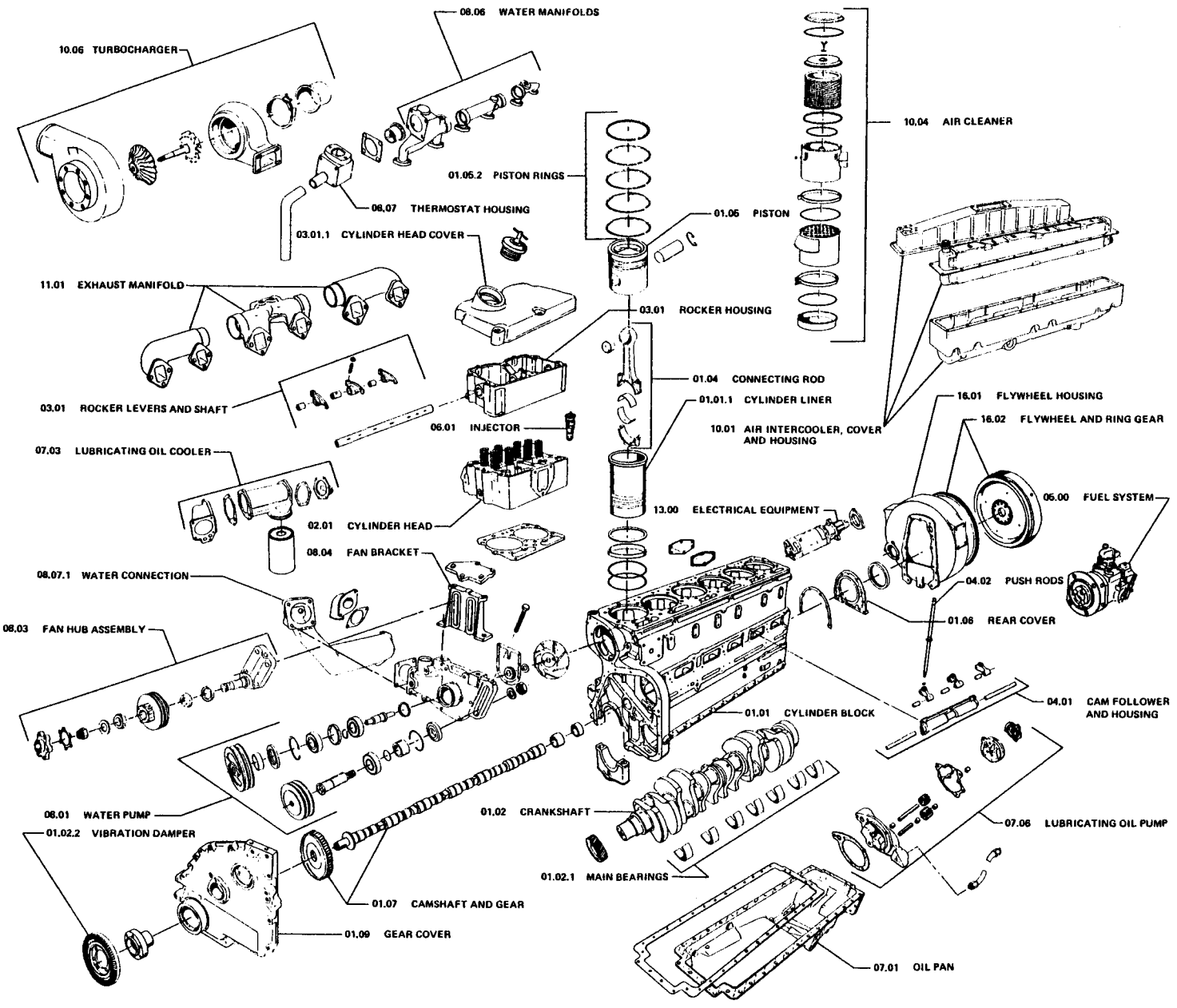
_____

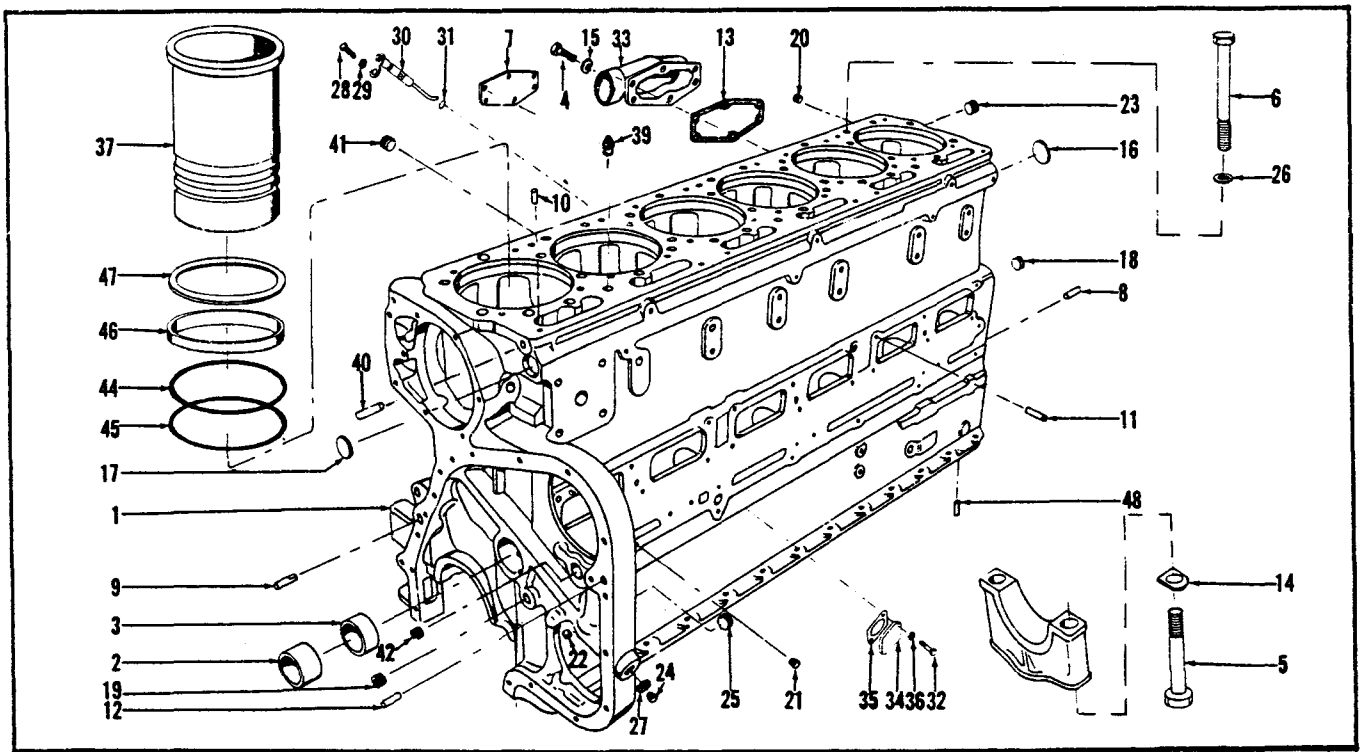
Cummins Distributor _____

Table of Contents

	Page No.
Accessory Drive Pulley	22
Air Compressor—Cummins Compact	34, 35
Air Compressor—Bendix (Optional)	46
Air Intake Manifold	26, 27
Air Intercooler	24, 25
Air Cleaner	29, 30, 31
Alternator	45
Aneroid Control	42, 43
Breather	8, 9
Camshaft	4
Camshaft Bushings	1
Cam Followers, Cam Follower Housing	10
Compression Release	10
Connecting Rod	3
Corrosion Resistor	28
Crankshaft	2
Cylinder Block	1
Cylinder Kits	47
Cylinder Head	6
Cylinder Liner	1
Dipstick	11, 12
Electrical Equipment	45
Exhaust Manifold	36
Fan Bracket	22
Fan Hub	22
Flywheel, Ring Gear and Flywheel Hsg.	45
Front Engine Support (FFC)	5
Fuel Filter	38
Fuel Gear Pump	38
Fuel Pump Drive	37
Fuel Pump Damper	38
Fuel Pump	38
Fuel Tubing	44
Gasket Sets	45
Gear Cover	5
Generator	45
Glow Plug	27
Injector	40, 41
Lubricating Oil Filter (Remote)	13
Lubricating Oil Filter Cooler	18, 19
Lubricating Oil By-Pass Filter	14
Lubricating Oil Pump	15, 16
Main Bearing Shells	2
Oil Pan	11, 12
Pistons	3
Piston Cooling Nozzle	1
Piston Rings	3
Push Rods	10
Rear Cover	4
Rocker Lever Covers	8, 9
Rocker Levers and Housings	8, 9
Shutdown Valve	40, 41
Starting Motor	45
Thermostat and Housing	23
Turbocharger	32, 33
Vibration Damper	2
Voltage Regulator	45
Water Manifold	23
Water Pump and Pulley	20, 21

CUMMINS H,NH,NT SERIES INLINE ENGINES



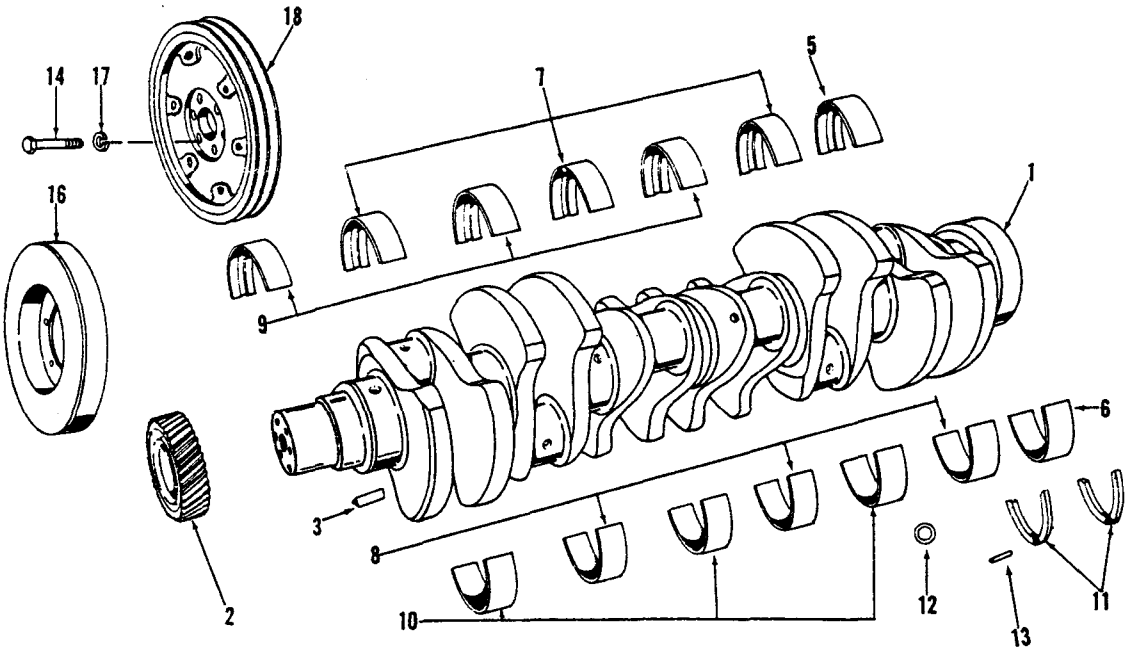


ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CYLINDER BLOCK		
	ALL MODELS		
AR-09912	Block, cylinder (216817)	1	1
BM-27253	Bushing, assembly camshaft	1	
100670	Bushing	1	2
157870.	Bushing	6	3
S-168-C	Capscrew, water connection	6	4
S-118-A	Capscrew, water header cover	6	4
105953	Capscrew, main bearing cap	14	5
209700	Capscrew, cylinder head	36	6
132019	Cover, water header	1	7
210895	Cover, water header	1	33
9226	Dowel, flywheel housing	2	8
60408	Dowel, gear cover	1	9
67211	Dowel, main bearing to block	2	48
68445	Dowel, head to block	6	10
68585	Dowel, cam follower to block housing	6	11
70653	Dowel, gear cover (Diamond)	1	12
70089-1	Gasket, water header cover	2	13
9427	Lockplate	14	14
S-600	Lockwasher, water cover header	12	15
S-716	Plug, expansion	1	16
S-719	Plug, expansion	1	17
69901	Plug, pipe	5	18
67622	Plug, pipe	6	19
S-910-B	Plug, pipe	3	20
S-911-B	Plug, pipe	3	21
S-915-A	Plug, pipe	3	22
S-966-E	Plug, pipe	1	23
210884	Plug, pipe	1	24
199067	Plug, pipe	1	25
69699	Washer, cylinder head	36	26
66292	Washer	1	27

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	MOUNTING PARTS		
S-129	Capscrew	2	32
132648	Flange, oil pan	1	34
67963	Gasket, suction flange	1	35
S-604	Lockwasher	2	36
213740	Liner, cylinder	6	37
218692	Nameplate (certified)	1	
203245	Nameplate (non-certified)	1	
202903	Pin, roll	2	
214606	Retainer	3	39
68445	Pin, groove	1	40
S-962	Plug, pipe	1	41
S-995	Plug, pipe	1	42
199067	Plug, pipe	1	25
215091	Ring, packing	6	44
183049	Ring, packing	6	45
215090	Seal, crevice	6	46
S-2286	Screw, nameplate	4	
143938	Shim, liner (.007")	A/R	47
143939	Shim, liner (.008")	A/R	47
143946	Shim, liner (.009")	A/R	47
143947	Shim, liner (.020")	A/R	47
143948	Shim, liner (.031")	A/R	47
143949	Shim, liner (.062")	A/R	47
42645	Cap, main brg. No. 1, 3 & 5	3	
42646	Cap, main brg. No. 2, 4 & 6	3	
42647	Cap, main brg. No. 7	1	
	PISTON COOLING NOZZLE		
S-102-A	Capscrew	6	28
S-605	Lockwasher	6	29
215746	Nozzle	6	30
3007442	"O" ring	6	31

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED



ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CRANKSHAFT		
	ALL MODELS		
3004165	Crankshaft assembly	1	
3000140	Crankshaft	1	1
215965	Gear, crankshaft	1	2
210179	Key crankshaft	1	3
AR-07240 *	Set, main bearing	1	
187670	Shell, main bearing (No. 7 upper)	1	5
187680	Shell, main bearing (No. 7 lower)	1	6
195210	Shell, main bearing (No. 2, 4 and 6 upper)	3	7
195220	Shell, main bearing (No. 2, 4 and 6 lower)	3	8
195190	Shell, main bearing (No. 1, 3 and 5 upper)	3	9
195200	Shell, main bearing (No. 1, 3 and 5 lower)	3	10
157280	Ring, thrust	4	11
60575	Dowel, ring	7	12
202903	Pin, thrust ring	2	13
*	Main bearings may be purchased in .010", .020", .030" and .040" undersize.		

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	VIBRATION DAMPER		
	ALL MODELS		
211915	Damper, vibration	1	16
	Except:		
211914	Damper, Vibration NTC-290	1	16
211917	Damper, Vibration NTC-250(s)	1	16
217323	Damper, Vibration NTA-380	1	16
	MOUNTING PARTS		
204165	Bolt, selflocking	6	14
127316	Washer	6	17
211918	Pulley, crankshaft	1	18

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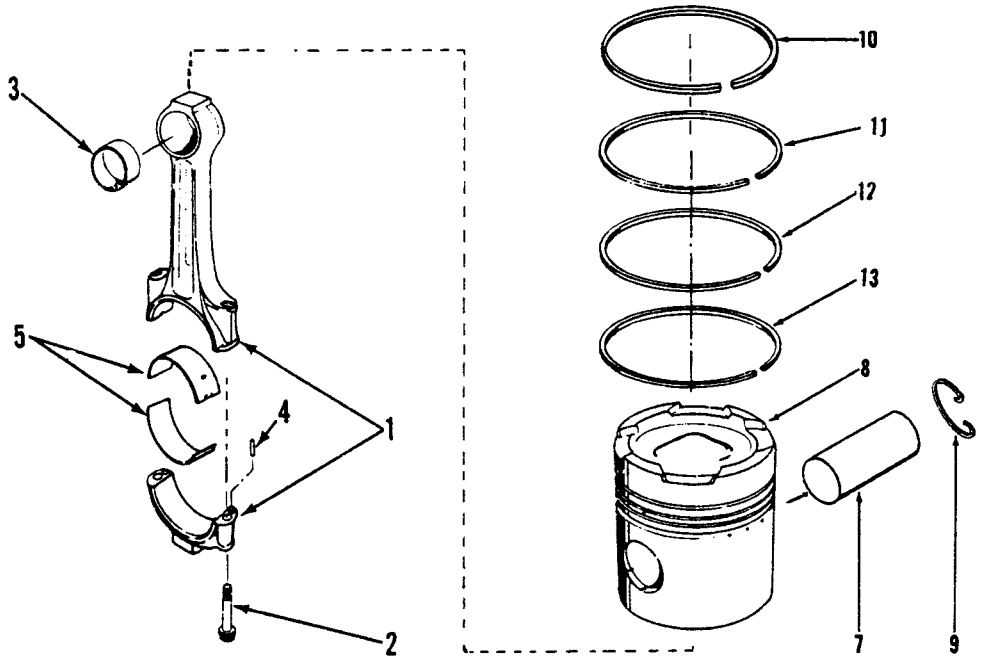

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CONNECTING ROD		
	All Models		
AR-45000	Connecting rod assembly (218808)	6	1
219153	Bolt, connecting rod	12	2
187420	Bushing, piston pin	6	3
70550	Dowel	12	4
214950	Shell, connecting rod bearing	12	5
	PISTON		
	All Models Except: NTC-290, NTC-250, NTA-855-C380		
AR-11786	Piston, assembly	6	
191970	Pin, piston	6	7
215420	Piston	6	8
61908	Ring, snap	12	9
	NTC-290		
OMIT:			
AR-11786	Piston assembly	6	
215420	Piston	6	8
ADD:			
AR-12133	Piston assembly	6	
216020	Piston	6	8

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	NTA-855-C380		
OMIT:			
AR-11786	Piston assembly	6	
215420	Piston	6	8
ADD:			
AR-11220	Piston Assembly	6	
218520	Piston	6	8
	NTC-250		
OMIT:			
AR-11786	Piston assembly	6	8
215420	Piston	6	8
ADD:			
AR-12548	Piston assembly	6	
219110	Piston	6	8
	RINGS		
AR-11671	Ring set, piston	6	
147670	Ring, compression	6	10
132880	Ring, compression	6	11
214730	Ring, compression	6	12
218732	Ring, oil	6	13
	Note: For cylinder kits see Page 47.		

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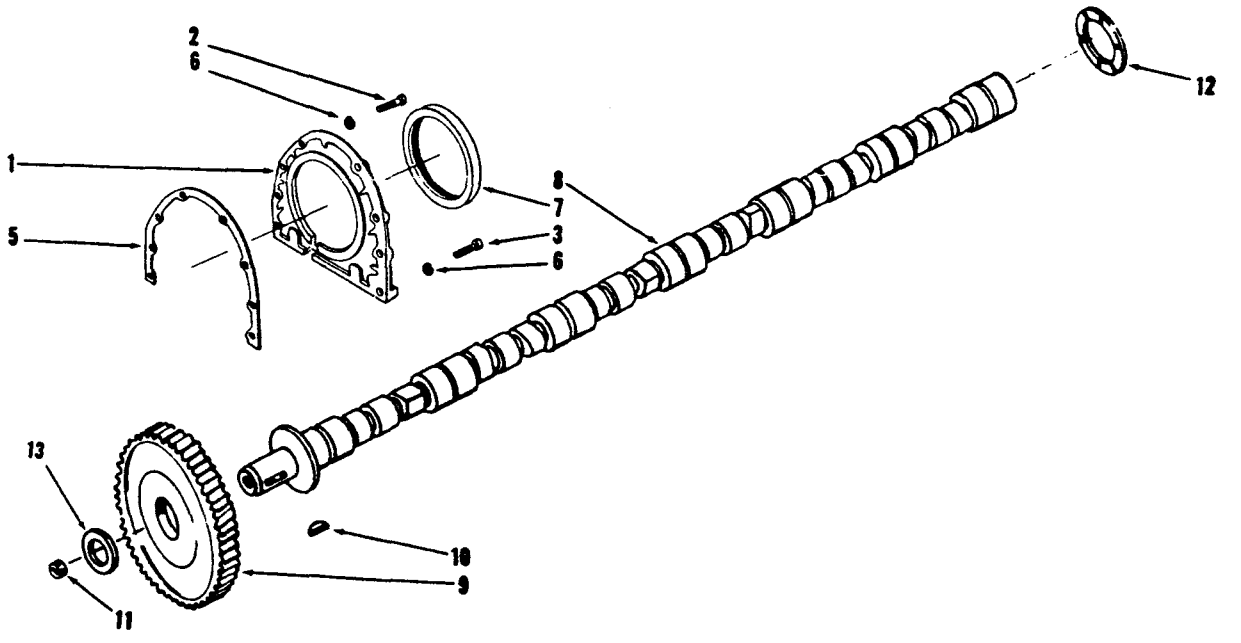

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	REAR COVER		
	All Models		
209919	Cover, rear	1	1
S-165	Capscrew	8	3
40662-A	Gasket (.005")	A/R	5
S-604	Lockwasher	8	6
3006737	Seal, rear oil	1	7

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CAMSHAFT		
	All Models Except: NTA-380		
143450	Camshaft	1	8
215966	Gear, camshaft	1	9
69550	Key, gear	1	10
68193	Plug, pipe	1	11
9235-1	Washer, thrust	1	12
	For NTA-380		
	Add:		
708123	Ring, camshaft gear retainer	1	13

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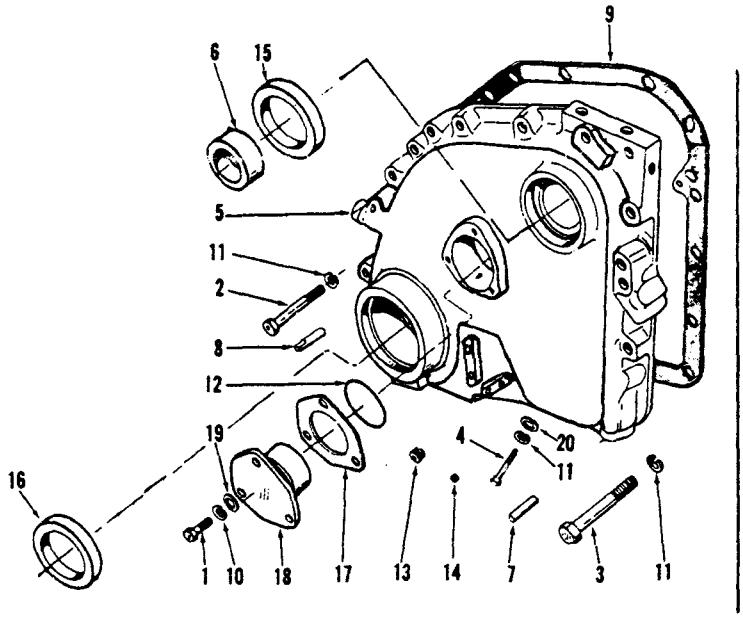

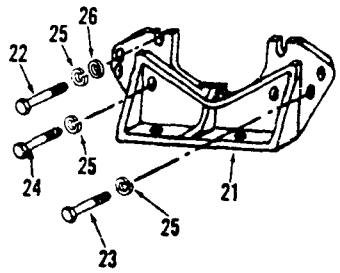

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	GEAR CASE COVER		
	ALL MODELS		
S-127-A	Capscrew	3	
S-103-D	Capscrew	3	1
S-119-C	Capscrew	1	2
S-196-A	Capscrew	1	3
100915	Capscrew	9	4
AR-09473	Cover, gear case (210713)	1	5
200822	Bushing	1	6
60408	Dowel	1	7
70653	Dowel	1	8
210411	Gasket, gear cover	1	9
S-604	Lockwasher	3	10
S-610	Lockwasher	14	11
65260	Packing	1	12
S-908	Plug, pipe	3	13
S-911-B	Plug, pipe	2	14
3004316	Seal, oil	1	15
3006736	Seal, crankshaft oil	1	16
AR-01176	Shim, assembly camshaft thrust	1	
185573	Shim, insert	1	17
65259-A	Shim (.010")	A/R	17
65259-B	Shim (.005")	A/R	17
65259-C	Shim (.002")	A/R	17
150002	Support	1	18
S-602	Washer, plain	3	19
S-622	Washer, plain	14	20
	Except NTA-380		
	Omit:		
150002	Support	1	18
	Add:		
708124	Support	1	18

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	FRONT ENGINE SUPPORT		
	ALL MODELS		
214306	Support, front engine	1	21
S-127-A	Capscrew	2	22
S-196-A	Capscrew	4	23
212754	Capscrew	2	24
S-610	Lockwasher	8	25
70880	Washer	2	26

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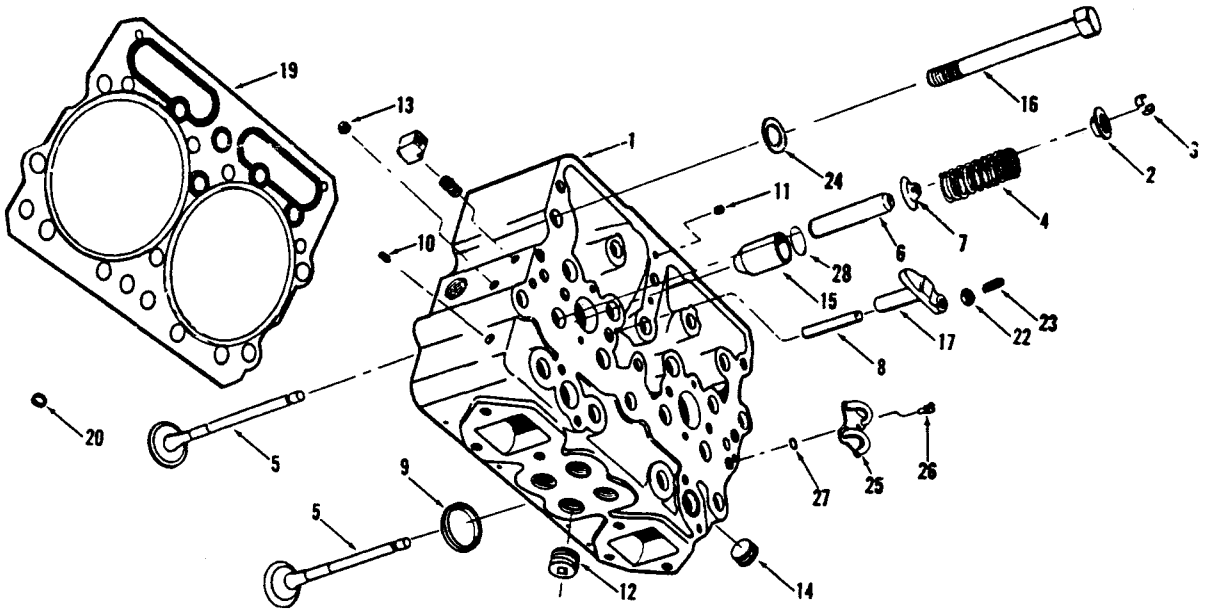
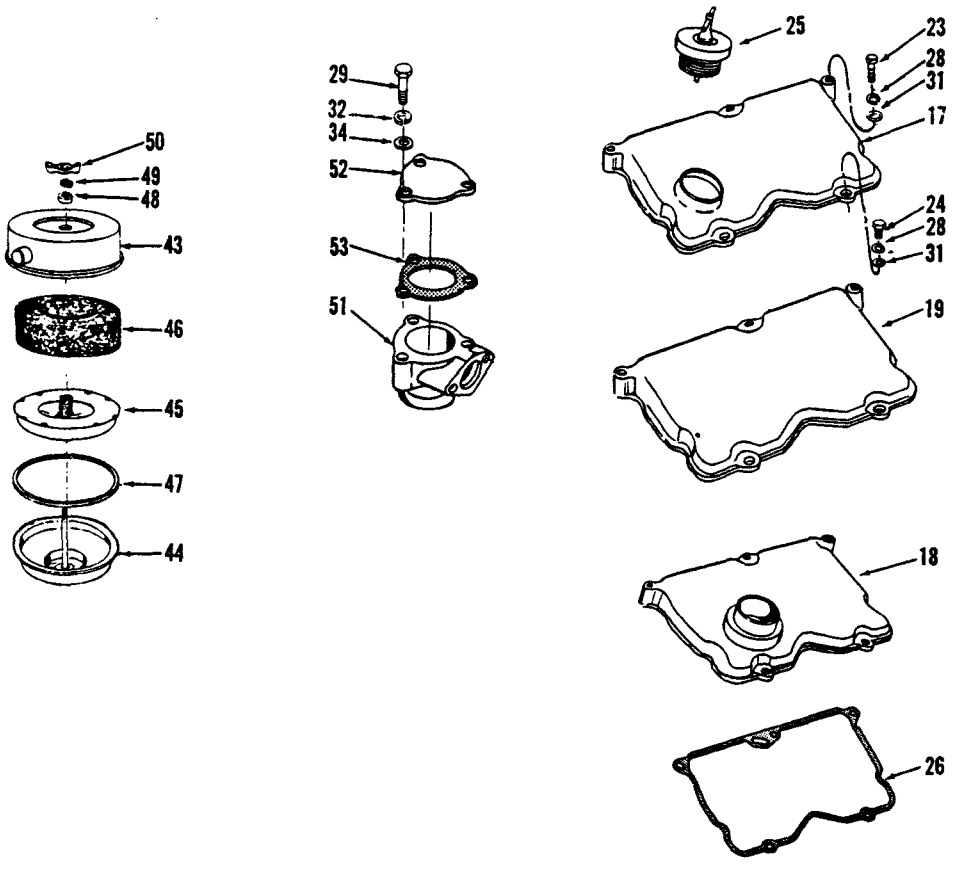
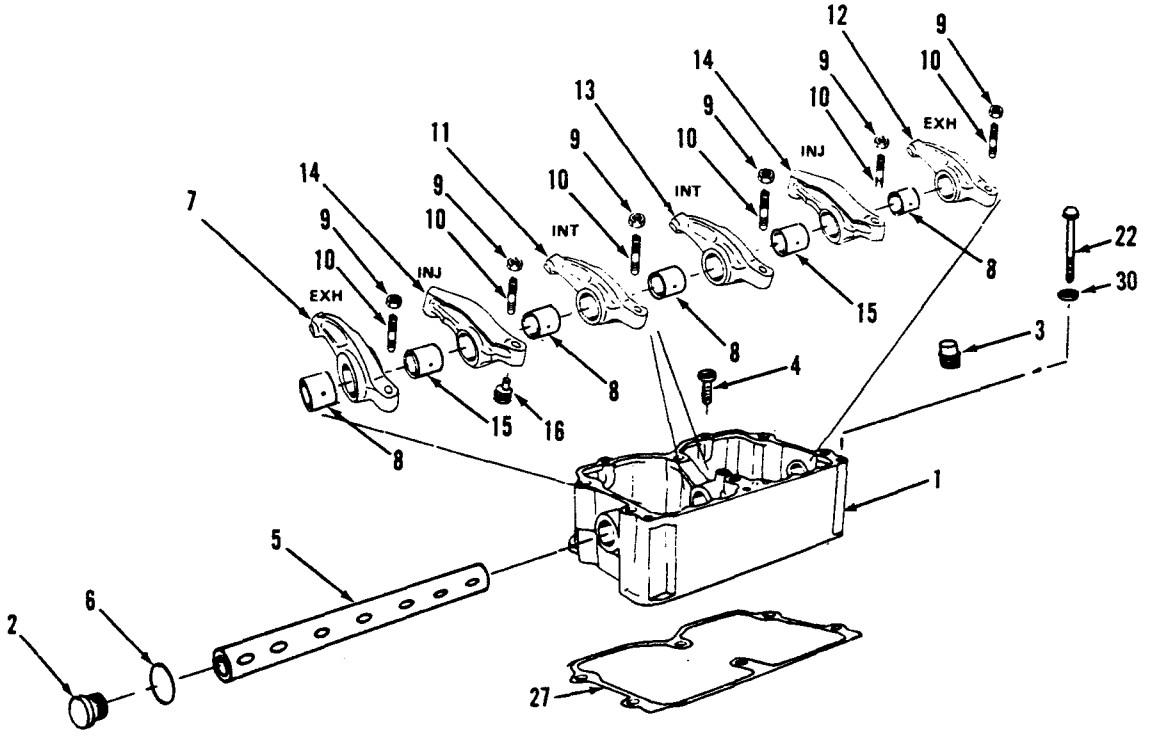


PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CYLINDER HEAD		
	All Models Except: NTA-380		
3008100	Head, cylinder (3007716)	3	1
127554	Half-collet, valve	48	3
211999	Spring, valve	24	4
145701	Valve, exhaust	12	5
135957	Valve, intake	12	5
3008089	Head, cylinder assembly (3007716) (less valves)	3	
174213	Guide, valve stem	24	6
170296	Guide, valve spring	24	
172034	Guide, valve spring	24	7
123558	Guide, crosshead valve	12	8
200354	Insert, valve seat	12	
127930	Insert, valve seat	12	9
217631	Plug, fuse	3	10
S-965-E	Plug, pipe	3	11
216524	Plug, pipe	6	12
S-911-B	Plug, pipe	12	13
213394	Plug, pipe	3	
213395	Plug, pipe	18	14
147056	Sleeve, injector	6	15
196641	"O" ring, injector	6	28

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	MOUNTING PARTS		
209700	Capscrew, head to block	36	16
123416	Crosshead, valve	12	17
AR-07256	Gasket, cylinder head (202125)	3	19
193949	Grommet, water	24	20
203131	Nut	12	22
147389	Screw, crosshead adjusting	12	23
69699	Washer, cylinder head	36	24
147100	Crossover, fuel	2	25
70772	Capscrew, springtite	8	26
131026	"O" ring	8	27
214606	Retainer, oil seal	1	
	NTA-380		
	Same as above except:		
OMIT:			
3008100	Head, cylinder (3007716)	3	1
135957	Valve, intake	12	5
ADD:			
3008101	Head, cylinder (3007716)	3	1
3000926	Valve, intake	12	5

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED



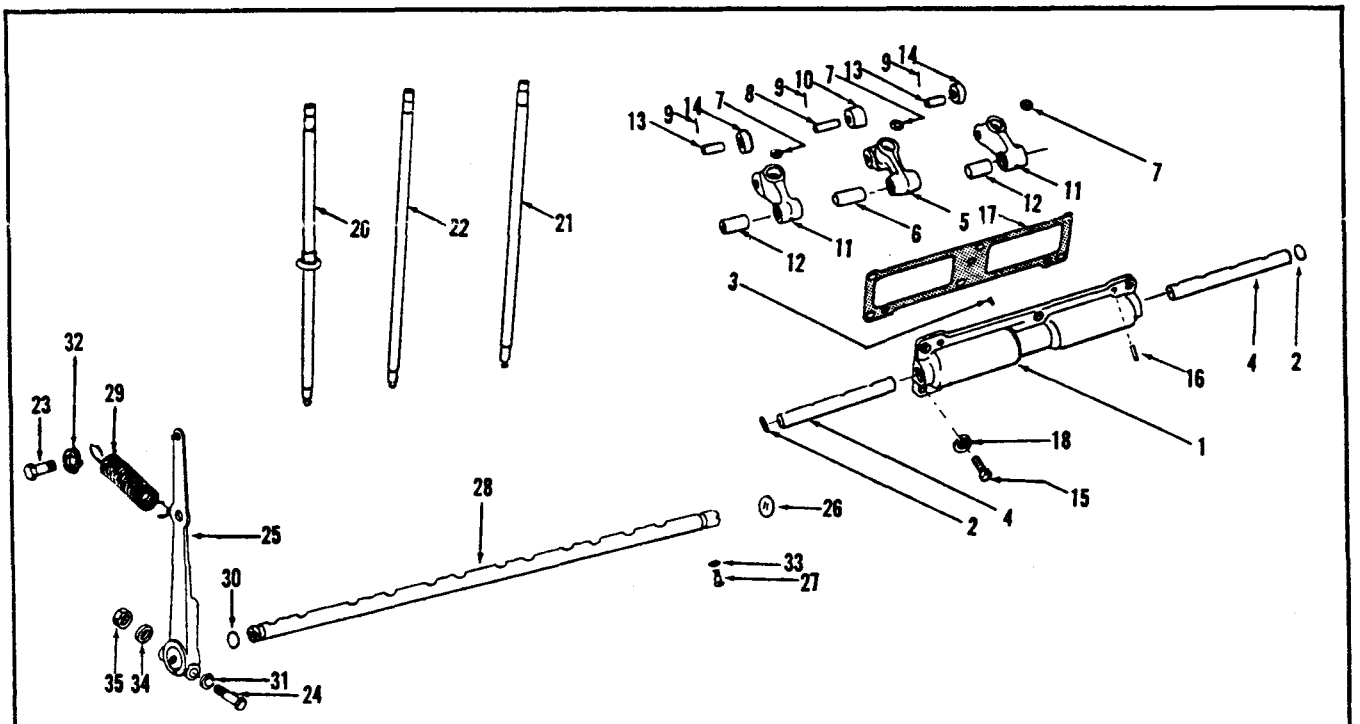


ROCKER LEVER HOUSING, COVER, AND CRANKCASE BREATHER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	ROCKER LEVER HOUSING		
	All Models		
AR-03312	Housing, rocker lever	3	
194525	Housing	3	1
218736	Plug, shaft and housing	6	2
216296	Plug, ventilator	3	3
168319	Screw, rocker lever shaft	3	4
140297	Shaft, rocker lever	3	5
3000521	"O" ring	6	6
BM-95148	Lever, exhaust valve (168804)	3	7
140330	Bushing, lever	3	8
S-212	Nut, adjusting screw	3	9
168306	Screw, adjusting	3	10
208084	Rivet, blind	3	
BM-95149	Lever, exhaust valve (168802)	3	12
140330	Bushing, lever	3	8
S-212	Nut, adjusting screw	3	9
168306	Screw, adjusting	3	10
208084	Rivet, blind	3	
BM-95159	Lever, intake valve (168805)	3	13
140330	Bushing, lever	3	8
S-212	Nut, adjusting screw	3	9
168306	Screw, adjusting	3	10
BM-95160	Lever, intake valve (168803)	3	11
140330	Bushing, lever	3	8
S-212	Nut, adjusting screw	3	9
168306	Screw, adjusting	3	10
AR-02308	Lever, injector rocker (218152)	6	14
218153	Bushing, lever	6	15
194037	Socket	6	16
S-212	Nut, adjusting screw	6	9
213109	Screw, adjusting	6	10
	ROCKER HOUSING COVER		
	Auto, B, C Applications		
150326	Cover, rocker housing	1	17
150327	Cover, rocker housing	1	18
149628	Cover, rocker housing	1	19
	MOUNTING PARTS		
	All Applications except: Side Mount Turbocharger		
210051	Baffle	1	
176914	Bracket, lifting	1	
170226	Bracket, lifting	1	
101322	Cap, oil filler (less chain)	1	25
107981	Cap, oil filler (with chain)	1	
150858	Capscrew, housing	18	22
S-137	Capscrew, cover	9	23
S-112	Capscrew, cover	6	24
S-176	Capscrew	2	
149651	Gasket, cover	3	26
187589	Gasket, housing to head	3	27
S-604	Lockwasher	15	28
S-608	Lockwasher	8	
158208	Washer, housing to head	18	30
S-602	Washer, plain	15	31

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	VT-50 Top Mount Turbocharger		
	Same as Top Mount Turbocharger except:		
OMIT:			
170226	Bracket, lifting	1	
ADD:			
204962	Bracket, lifting	1	
108605	Capscrew	2	
	MOUNTING PARTS		
	Side Mount Turbocharger		
	Same as Top Mount Turbocharger except:		
OMIT:			
176914	Bracket, lifting	1	
ADD:			
170226	Bracket, lifting	1	
S-101-C	Capscrew	1	
S-106	Capscrew	1	
S-200	Nut	1	
65434-A	Spacer, compression release bracket	1	
	BREATHER		
	Auto, B Applications		
257225	Breather, crankcase assembly	1	
122133	Body	1	51
S-167-A	Capscrew, cover to body	3	29
122136	Cover	1	52
122135	Gasket	1	53
S-600	Lockwasher	3	32
S-631	Washer, plain	3	34
S-115	Capscrew	2	
S-181-B	Capscrew	1	
69911-A	Clamp	1	
68562	Flange	1	
S-604	Lockwasher	1	
S-605	Lockwasher	1	
S-109	Capscrew	1	
S-3101	"O" ring, vent tube	1	
68190	Support, oil gauge tube	1	
121001	Tube, breather	1	
	C Application		
255180	Breather	1	
255803	Body, upper	1	43
255806	Body, lower	1	44
255809	Element, vapor	1	45
255183	Element	1	46
254608	Gasket	1	47
255815	Gasket	1	48
255816	Washer	1	49
250026	Wing nut	1	50
69793	Capscrew	1	
68425	Clip, hose	1	
43828	Clamp, hose	1	
64775	Hose	1	
S-604	Lockwasher	1	
S-205	Nut	1	
111670	Support, oil gauge tube	1	
142486	Tube, breather vent	1	

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED



ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CAM FOLLOWERS		
	All Models Except: NTC-270 & NTA-380		
BM-37625	Housing, cam follower, assembly	3	
44035	Housing, cam follower	3	1
175831	Plug, expansion	6	2
69736	Screw, shaft	6	3
42443	Shaft, cam follower	6	4
BM-37621	Cam follower, injector assembly (108169)	6	
118377	Bushing	6	6
107738	Insert, cam follower	6	7
68512	Pin, roller	6	8
118939	Pin, roll	6	9
7348-2	Roller	6	10
BM-37634	Cam follower lever, intake and exhaust assembly (120543)	12	
118378	Bushing	12	12
107738	Insert, cam follower	12	7
68513	Pin, roller	12	13
118939	Pin, roll	12	9
9260-1	Roller	12	14
	NTC-270, NTA-380		
	Same as above except:		
BM-67009	Housing, cam follower	3	
138808	Housing, cam follower	3	1
	MOUNTING PARTS		
	All Applications		
S-129	Capscrew	18	15
68586	Dowel, housing to block	6	16
120819	Gasket (.026")	A/R	17
9266	Gasket (.015")	A/R	17
9266-A	Gasket (.007")	A/R	17
S-604	Lockwasher	18	18

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	PUSH RODS		
	Auto Applications		
BM-47777	Push rod, exhaust	6	20
BM-47778	Push rod, intake	6	21
BM-47779	Push rod, injector	6	22
	B, C, P Applications		
BM-47778	Push rod, intake and exhaust	12	21
BM-47779	Push rod, injector	6	22
	COMPRESSION RELEASE		
	Auto Application		
S-108	Capscrew	1	23
208411	Bolt, carriage	1	24
208581	Lever	1	25
S-719	Plug, expansion	1	26
9237	Screw, shaft lock	1	27
210685	Shaft	1	28
139289	Spring	1	29
43696	"O" ring	1	30
S-604	Lockwasher	1	31
S-605	Lockwasher	1	32
108330	Washer, copper	1	33
S-602	Washer, plain	1	34
S-223	Nut	1	35

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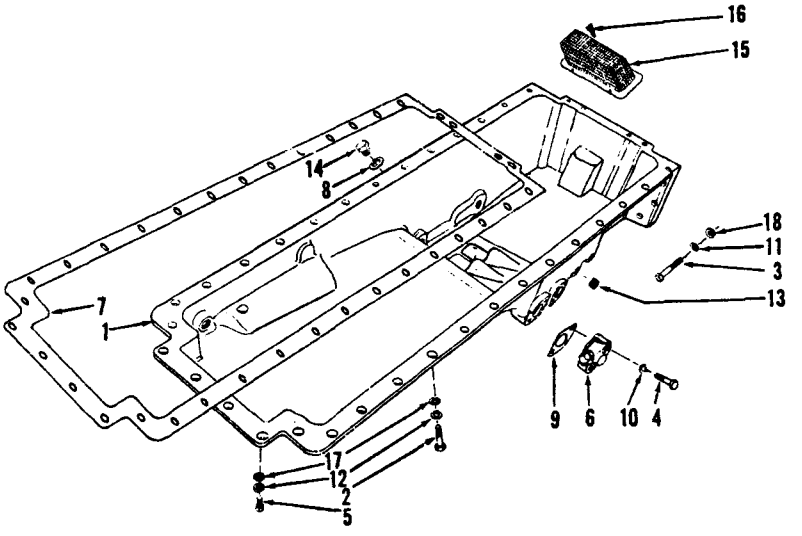

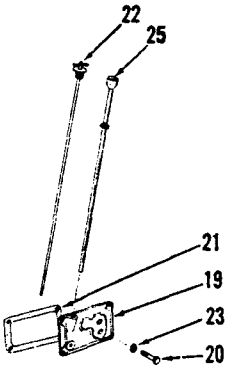

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	OIL PAN		
	Auto Application		
193625	Pan, oil	1	1
108709	Capscrew, pan to block	28	2
105574	Capscrew, pan to rear cover	4	3
S-125	Capscrew	3	
S-163	Capscrew	2	4
185804	Capscrew, pan to gear cover	4	5
190168	Flange, oil suction	1	6
178788	Gasket, oil pan (segmented)	1	7
67946	Gasket, drain plug	1	8
157551	Gasket	1	9
S-604	Lockwasher	2	10
S-605	Lockwasher	5	11
S-608	Lockwasher	3	
S-610	Lockwasher	34	12
S-208-A	Nut	3	
S-915-A	Plug, pipe	4	13
110907	Plug, drain	1	14
20622	Screen, lubricating oil plate	1	15
S-1354	Screw, plate to screen	4	16
S-622	Washer, plain	34	17
S-626	Washer, plain	4	18
S-601	Washer, plain	3	

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	DIPSTICK BRACKET		
	Auto, B Applications		
131998	Bracket, dipstick	1	19
S-112	Capscrew	4	20
65274	Gasket	1	21
199445	Gauge, dipstick	1	22
S-604	Lockwasher	4	23
S-915-A	Plug, pipe	A/R	
101814	Tube, dipstick	1	25

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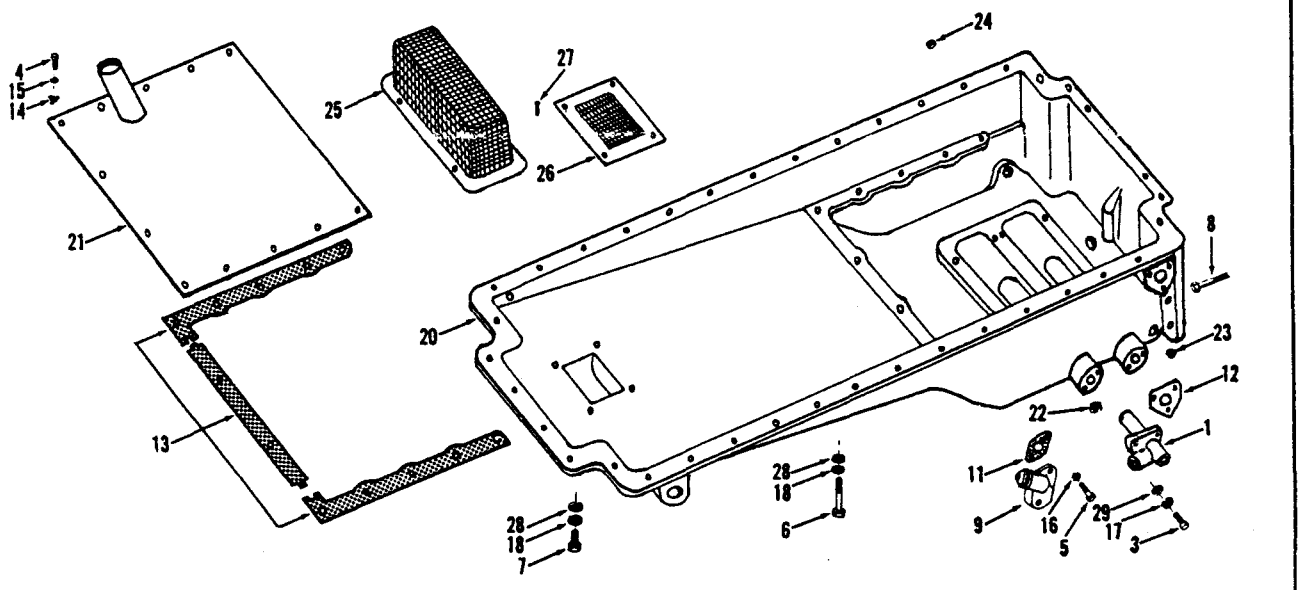

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	OIL PAN		
	Construction Applications		
139745	Pan, oil	1	20
204531	Aerator, oil pan	1	1
S-107	Capscrew	3	3
S-118-A	Capscrew	12	4
108709	Capscrew, pan to block	28	6
185804	Capscrew, pan to gear cover	4	7
105574	Capscrew, pan to rear cover	4	8
S-147-B	Capscrew	4	5
S-125	Capscrew	3	
187059	Flange, lubricating oil	2	9
178788	Gasket, oil pan (segmented)	1	
67963	Gasket, lubricating oil flange	2	11
110453	Gasket, aerator	1	12
121379	Gasket, baffle plate	1	13
68908-A	Lockplate, capscrew	12	14
S-600	Lockwasher	12	15
S-608	Lockwasher	3	16
S-605	Lockwasher	7	17
S-610	Lockwasher	34	18
S-208	Nut	3	
121378	Plate, baffle	1	21
S-962	Plug, pipe	1	22
S-915-A	Plug, pipe	2	23
S-995	Plug, pipe	1	24
20622	Screen, lubricating oil plate	2	25
110454	Screen, oil pan	1	26
S-1354	Screw	12	27
S-601	Washer, plain	3	
S-622	Washer, plain	34	28
S-626	Washer, plain	4	29

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	DIPSTICK		
131998	Bracket, dipstick	1	
S-112	Capscrew	4	
65274	Gasket	1	
124035	Gauge, dipstick	1	
S-604	Lockwasher	4	
S-915-A	Plug, pipe	A/R	
101814	Tube, dipstick	1	

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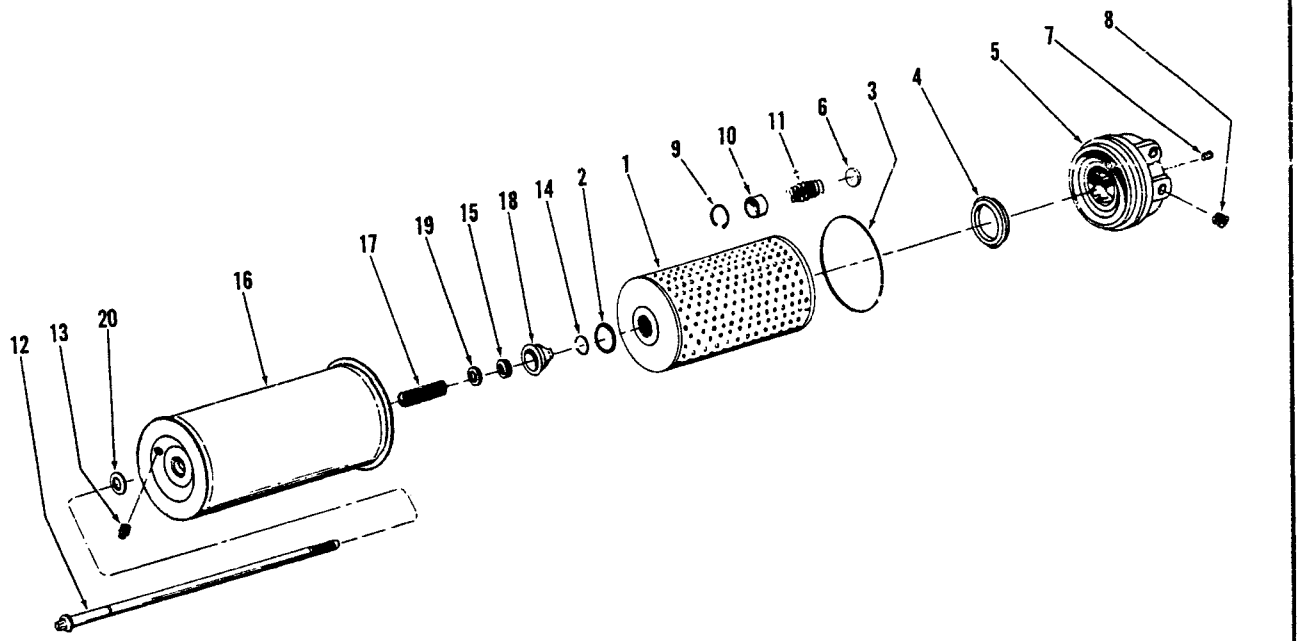

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	OPTIONAL LUBRICATING OIL FILTER (Remote Mounted)						
252916	Filter, lubricating oil	1					
158139	Element (paper) CL-516	1	1				
153514	Seal, element	2	2				
173368	Gasket, shell to head	1	3				
252917	Head, filter	1					
252990	Head and adapter	1					
177066	Adapter	1	4				
177058	Head	1	5				
153525	Disc, by-pass	1	6				
S-911-B	Plug, pipe	1	7				
68675	Plug, pipe	1	8				
254028	Ring, snap	1	9				
179063	Seat, by-pass	1	10				
167165	Spring, by-pass	1	11				
181592	Shell and bolt	1					
179600	Bolt	1	12				
69901	Plug, pipe	1	13				
250843	Ring, snap	1	14				
153518	Seal, bolt	1	15				
184386	Shell	1	16				
173176	Spring	1	17				
183342	Support	1	18				
153520	Washer, bolt seal	1	19				
8265	Washer, copper	1	20				

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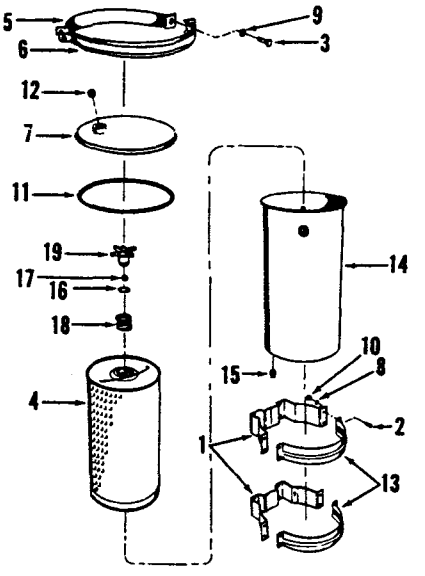

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	X

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	BY – PASS FILTER						
159706	Filter, lubricating oil	1					
145664	Bracket, mounting	2	1				
70188	Capscrew, bracket	8	2				
70449	Capscrew, coupling	2	3				
256838	Cartridge LF-750	1	4				
250856	Coupling	1					
(150038)	Coupling, half with nuts	1	5				
(150039)	Coupling half, cover	1	6				
(159667)	Cover	1	7				
70189	Lockwasher, bracket	8	8				
70194	Lockwasher, coupling half	2	9				
70299	Nut, bracket	8	10				
164159	"O" ring cover	1	11				
S-908	Plug, cover	1	12				
145665	Strap, mounting	2	13				
257222	Shell, filter	1	14				
157152	Decal, filter	1					
S-908	Plug, drain	1	15				
11609	"O" ring, support	1	16				
131911	Orifice, plug	1	17				
(150037)	Spring, hold down	1	18				
257218	Support, upper	1	19				

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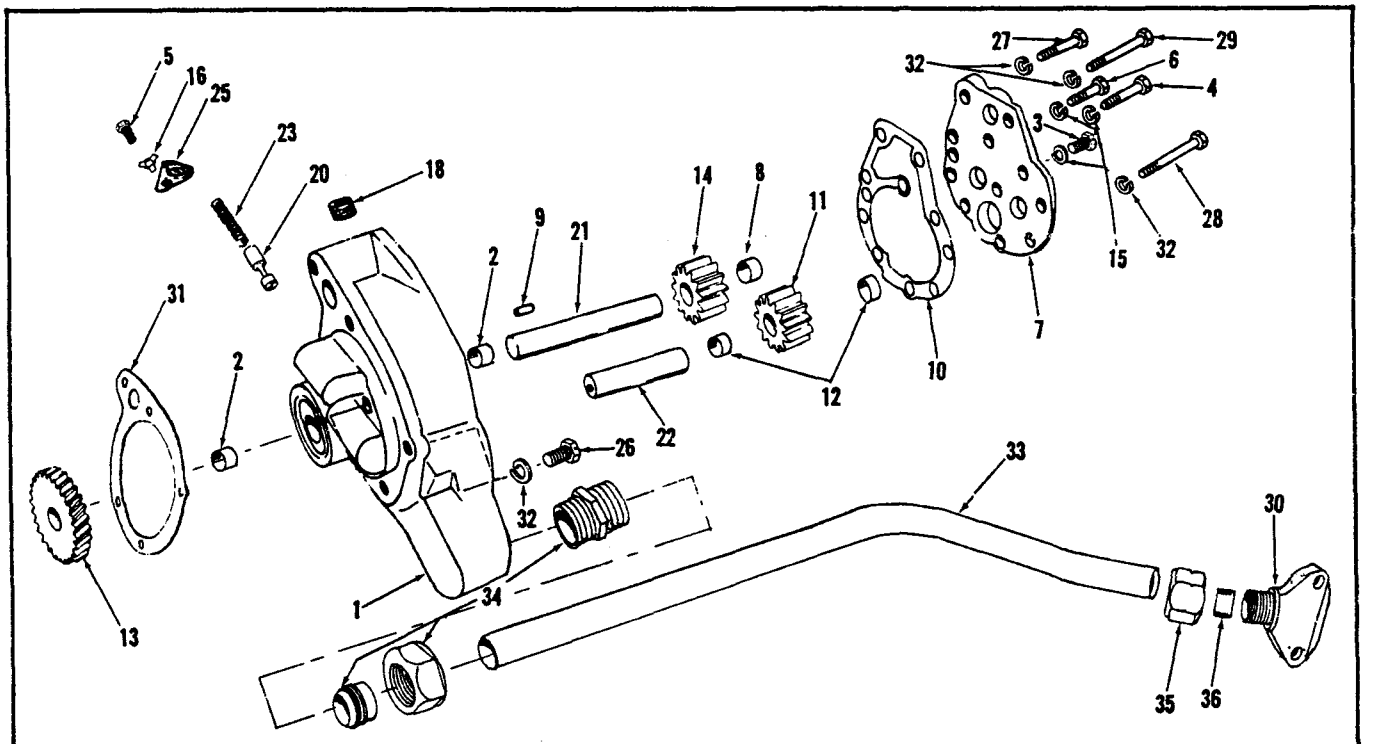

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	LUBRICATING OIL PUMP		
	All Auto Application Except: NTC-250(S)		
AR-09834	Pump lubricating oil	1	
AR-09832	Body and bushing (211929)	1	1
69521	Bushing	2	2
S-102	Capscrew	6	3
S-103	Capscrew	1	4
S-109	Capscrew	1	5
S-111	Capscrew	1	6
AR-04258	Cover and bushing (177414)	1	7
69521	Bushing	1	8
69519	Dowel	1	9
203145	Gasket, cover	1	10
AR-03636	Gear and bushing (177436)	1	11
68365	Bushing, idler gear	2	12
143190	Gear, lubricating pump drive	1	13
177420	Gear, lubricating pump	1	14
S-605	Lockwasher	8	15
109319	Lockplate	1	16
S-995	Plug, pipe	2	18
134596	Plug, by-pass valve	1	
109333	Plunger, pressure regulator	1	20
177417	Shaft, pump drive	1	21
177419	Shaft, pump idler	1	22
211939	Spring, by-pass valve	1	23
126304	Yoke, retaining	1	25

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	MOUNTING PARTS		
S-119-C	Capscrew	1	
S-101-A	Capscrew	2	26
S-116-C	Capscrew	1	27
S-136-B	Capscrew	1	28
S-140-C	Capscrew (7/16"-20 x 4-1/4")	1	29
190168	Connection, oil suction	1	30
157551	Gasket, suction flange	1	
121907	Gasket, pump to block	1	31
S-604	Lockwasher	2	
S-610	Lockwasher	4	32
AR-11151	Tube, oil suction	1	
217257	Fitting	1	34
197229	Nut	1	35
197230	Sleeve	1	36
215093	Tube	1	33
	NTC-250(S)		
	Same as above except: (Single-Double Capacity)		
AR-11020	Pump, lubricating oil	1	
AR-10986	Body and bushing (214715)	1	1
214716	Gear, lubricating pump	1	14
AR-11019	Gear and bushing (214717)	1	11
199586	Bushing, lubricating pump	1	12

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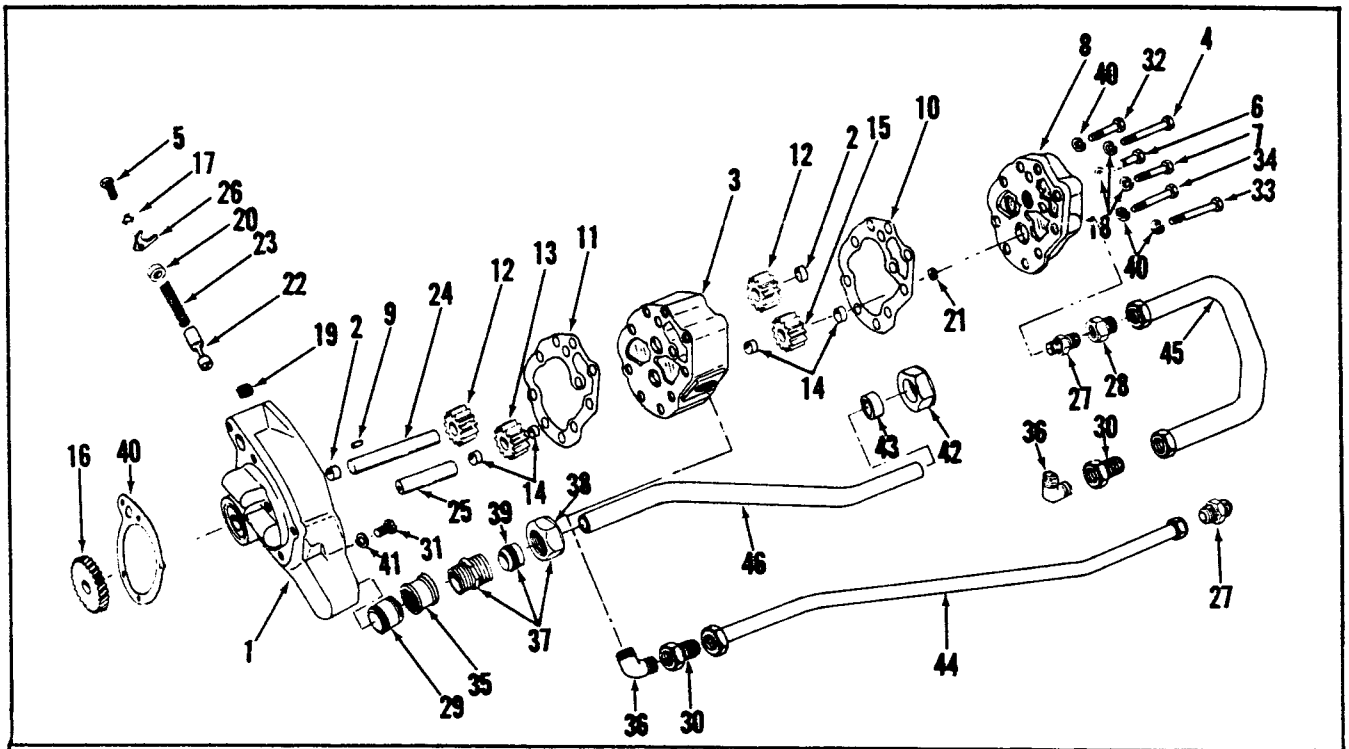

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	LUBRICATING OIL PUMP (DOUBLE)		
	B, C, P Applications		
AR-09839	Assembly, lubricating oil pump	1	
AR-09832	Body and bushing (211929)	1	1
69521	Bushing	2	2
177413	Body, inner	1	3
S-107-A	Capscrew	6	4
S-109	Capscrew	1	5
S-156-A	Capscrew	1	6
101662	Capscrew	1	7
AR-04698	Cover and bushing (177415)	1	8
69521	Bushing	1	2
69519	Dowel	2	9
177423	Gasket, housing	1	10
203145	Gasket, cover	1	11
177420	Gear drive	2	12
AR-03636	Gear and bushing idler (177436)	1	13
68365	Bushing	2	14
AR-04697	Gear and bushing idler (177421)	1	15
68365	Bushing	2	14
143190	Gear, main drive	1	16
S-604	Lockwasher	1	17
S-605	Lockwasher	8	18
S-995	Plug, pipe	2	19
134596	Plug, by-pass	1	20
S-965-E	Plug, pipe	1	21
109333	Plunger, pressure regulator	1	22
211939	Spring, by-pass valve	1	23
177416	Shaft	1	24
177418	Shaft	1	25
126304	Yoke	1	26

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	MOUNTING PARTS		
183669	Adapter	1	27
S-915-B	Bushing, at pan	1	28
S-925-C	Bushing, pipe at pump	1	29
S-904-A	Bushing, suction tube at pump	2	30
S-101-A	Capscrew	2	31
S-116	Capscrew	1	32
169657	Capscrew	1	33
69960	Capscrew	1	34
203395	Coupling, pipe	1	35
183649	Elbow	2	36
197231	Fitting	1	37
204293	Nut	1	38
204294	Sleeve	1	39
121907	Gasket, pump to block	1	40
S-610	Lockwasher	5	41
3008795	Nut, flex tube	1	42
197230	Sleeve	1	43
209995	Tube, lubricating oil aerator	1	44
209994	Tube, lubricating oil scavenge	1	45
208498	Tube, lubricating oil suction	1	46

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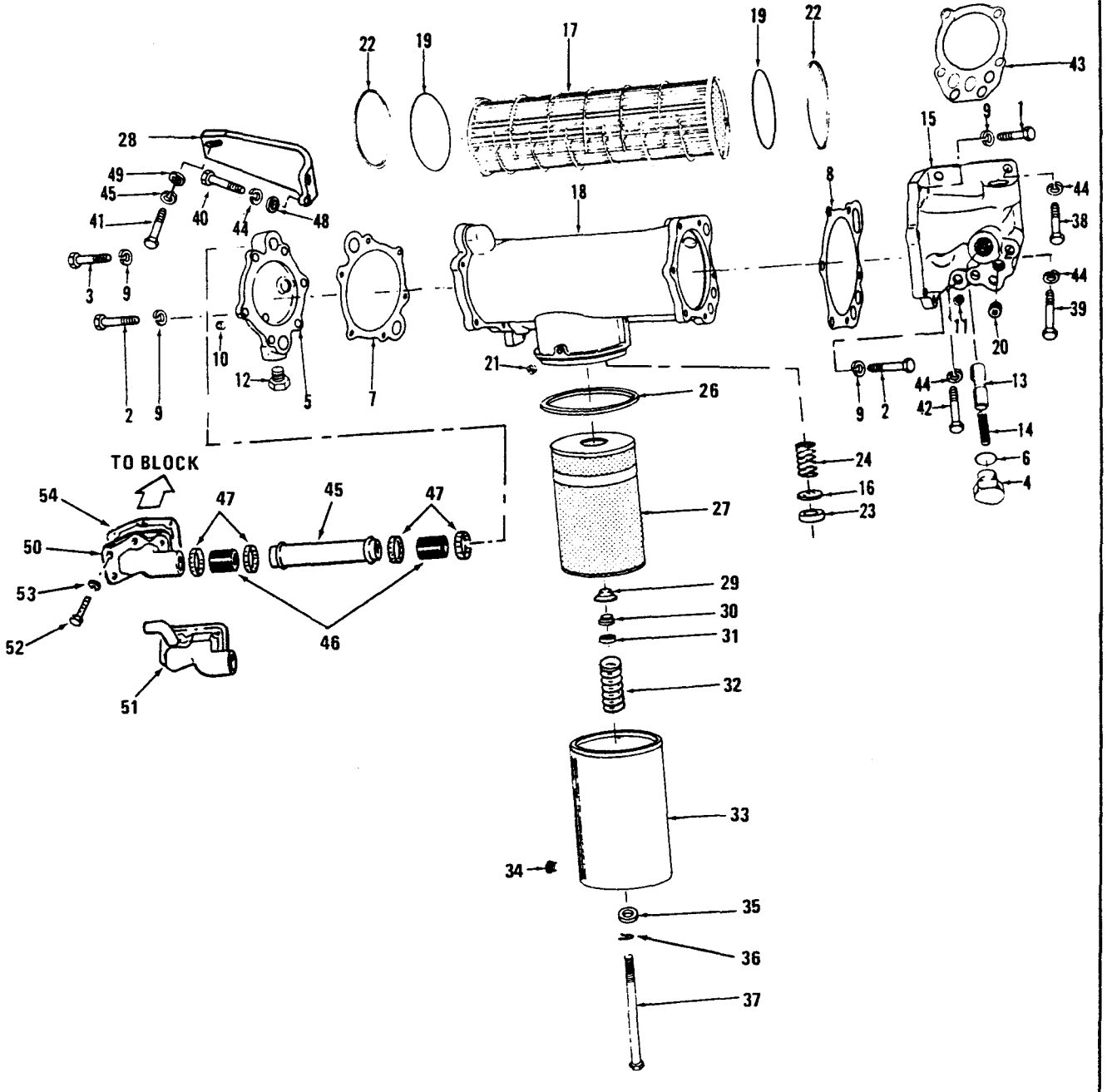
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PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	LUBRICATING OIL COOLER AND FILTER		
	All Models		
3004967	Assembly, lubricating oil cooler	1	
S-126	Capscrew	1	
S-103-D	Capscrew	10	2
S-104	Capscrew	1	3
183913	Cap, pressure regulator	1	4
217315	Cover	1	5
67946	Gasket, by-pass valve	1	6
218245	Gasket, oil cooler cover	1	7
3006504	Gasket, oil cooler	1	8
S-604	Lockwasher	12	9
108307	Cock, drain	1	10
S-910-B	Plug, pipe	1	11
110907	Plug, oil	1	12
127558	Plunger, pressure regulator	1	13
68274	Spring, by-pass valve	1	14
210967	Support, cooler	1	15
S-908	Plug	1	
142110	Plug	1	
AR-09999	Cooler, lubricating oil	1	
201707	Disc, by-pass	1	16
208149	Element, oil cooler	1	17
210915	Housing, filter and cooler	1	18
148295	"O" ring	2	19
S-910-B	Plug, pipe	1	
S-911-B	Plug, pipe	1	21
142616	Retainer, cooler	2	22
179063	Seat, filter by-pass	1	23
202128	Spring, filter by-pass	1	24
67622	Plug, pipe	1	
257528	Assembly, shell, bolt and element	1	
173368	Ring, sealing	1	26
158139	Element (LF-516)	1	27
184387	Shell and bolt assembly	1	
183342	Cartridge support	1	29
153518	Bolt seal	1	30
153520	Bolt seal washer	1	31
173176	Cartridge spring	1	32
3301096	Shell assembly	1	33
69901	Pipe plug	1	34
8265	Copper washer	1	35
3301956	Hitch pin clip	1	36
3301951	Shell bolt	1	37
	MOUNTING PARTS		
210966	Brace, cooler	1	28
S-103-D	Capscrew	2	38
S-106-C	Capscrew	2	39
S-112	Capscrew	2	40
S-145	Capscrew	1	41
S-199-B	Capscrew	2	42
3008017	Gasket, cooler support	1	43
S-604	Lockwasher	8	44
3000907	Tube, water transfer	1	45
3008689	Hose, silicone coolant	2	46
3008690	Clamp, hose (w/shoe)	4	47
132756	Washer, plain	1	49
3000264	Tube, water transfer (hotstart engines only)	1	

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	OIL FILTER CONVERSION KIT		
	(Center Bolt To Spin-On)		
3007775	*Kit, conversion	1	
3300426	Adapter	1	
3300917	Gasket	1	
138045	Center bolt	1	
200861	Washer	1	
S-603	Lockwasher	1	
173368	Sealing ring	1	
299670	Filter, spin-on (LF-670)	1	
	*Reference Service Topic 75T 7-10.		
	WATER OUTLET CONNECTION		
3000906	Water, connection (N, NT-855)	1	50
3001939	Water, connection (NTA-855 only)	1	51
S-168-C	Capscrew	6	52
S-600	Lockwasher	6	53
70089-1	Gasket	1	54

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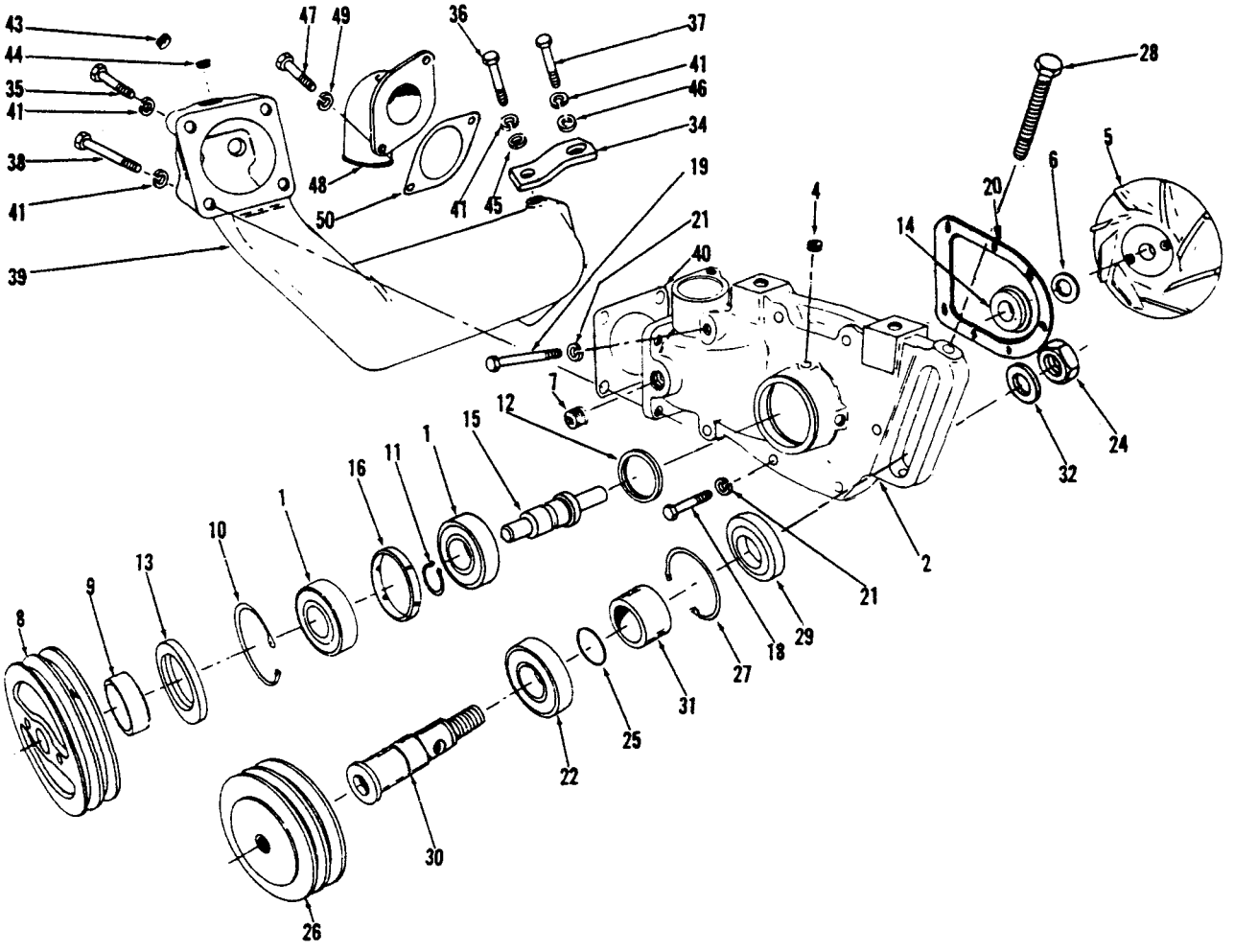
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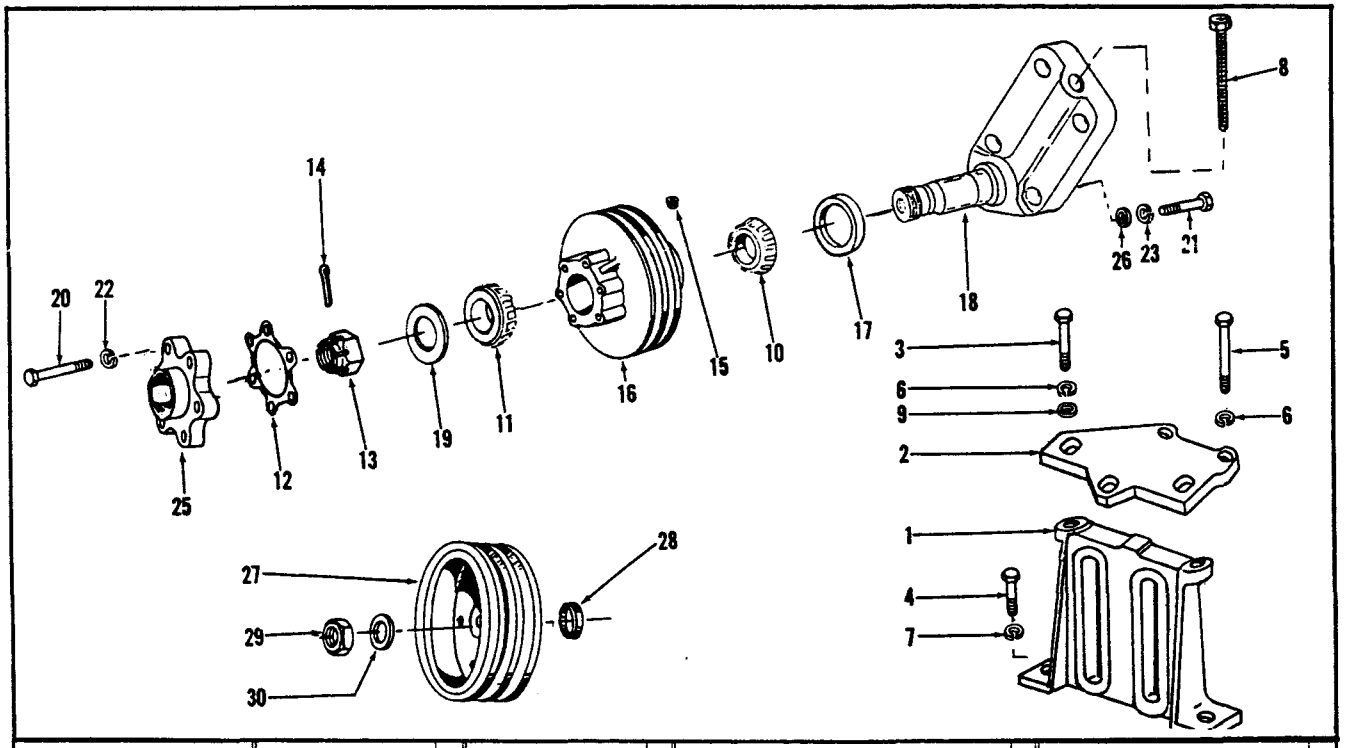
PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	WATER PUMP		
	All except: NTA-380, Power Torque 300-D, Power Torque 330-D, NTC-250(S)		
AR-45090	Pump, water	1	
S-16073	Bearing, ball	2	1
219040	Body, water pump	1	2
S-911-B	Plug, pipe	1	4
AR-08853	Impeller	1	
208134	Impeller, water pump	1	5
3007514	Seat	1	6
67622	Plug, pipe	1	7
AR-08854	Pulley, water pump (208127)	1	8
203097	Sleeve	1	9
S-16255	Ring, snap	1	10
112302	Ring, snap	1	11
203100	Seal, oil	1	12
203101	Seal, oil	1	13
3007513	Seal, water pump	1	14
3000889	Shaft, water pump	1	15
196844	Spacer, water pump	1	16
	MOUNTING PARTS		
215356	Belt, water pump	2	
S-148-C	Capscrew	5	18
137797	Capscrew	2	19
3002385	Gasket	1	20
S-604	Lockwasher	7	21
	WATER PUMP IDLER		
AR-08851	Idler, water pump	1	
S-16073	Bearing, ball	1	22
S-201	Nut	1	24
145506	"O" ring	1	25
208118	Pulley, idler	1	26
S-16255	Ring, snap	1	27
203101	Seal, oil	1	29
208119	Shaft, idler	1	30
208120	Spacer	1	31
66748	Spacer	1	32
213082	Washer	1	
182706	Screw, adjusting	1	28
	WATER PUMP		
	For NTA-380, Power Torque 300-D, Power Torque 330-D and NTC-250(S)		
	Same as above except:		
OMIT:			
AR-45090	Water pump	1	
AR-08853	Impeller, assembly	1	
208134	Impeller	1	5

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
ADD:			
AR-10787	Water pump assembly	1	
AR-10786	Impeller assembly	1	
214064	Impeller	1	5
	For NTC-250(S)		
ADD:			
AR-10637	Water pump assembly	1	
209660	Seal	1	
AR-10636	Impeller assembly	1	
213811	Impeller	1	5
	WATER TRANSFER CONNECTION		
218832	Bracket, water transfer connection	1	34
S-102-D	Capscrew	2	35
S-130-A	Capscrew	2	36
108707	Capscrew	1	37
S-149-A	Capscrew	2	38
210804	Connection, water transfer	1	39
208132	Gasket, water transfer	1	40
S-604	Lockwasher	6	41
S-915-A	Plug, pipe	1	43
S-962	Plug, pipe	1	44
108330	Washer	1	45
S-670	Washer	1	46
	WATER INLET CONNECTION		
S-103-D	Capscrew	2	47
210806	Connection, water inlet	1	48
S-604	Lockwasher	2	49
210805	Gasket	1	50

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

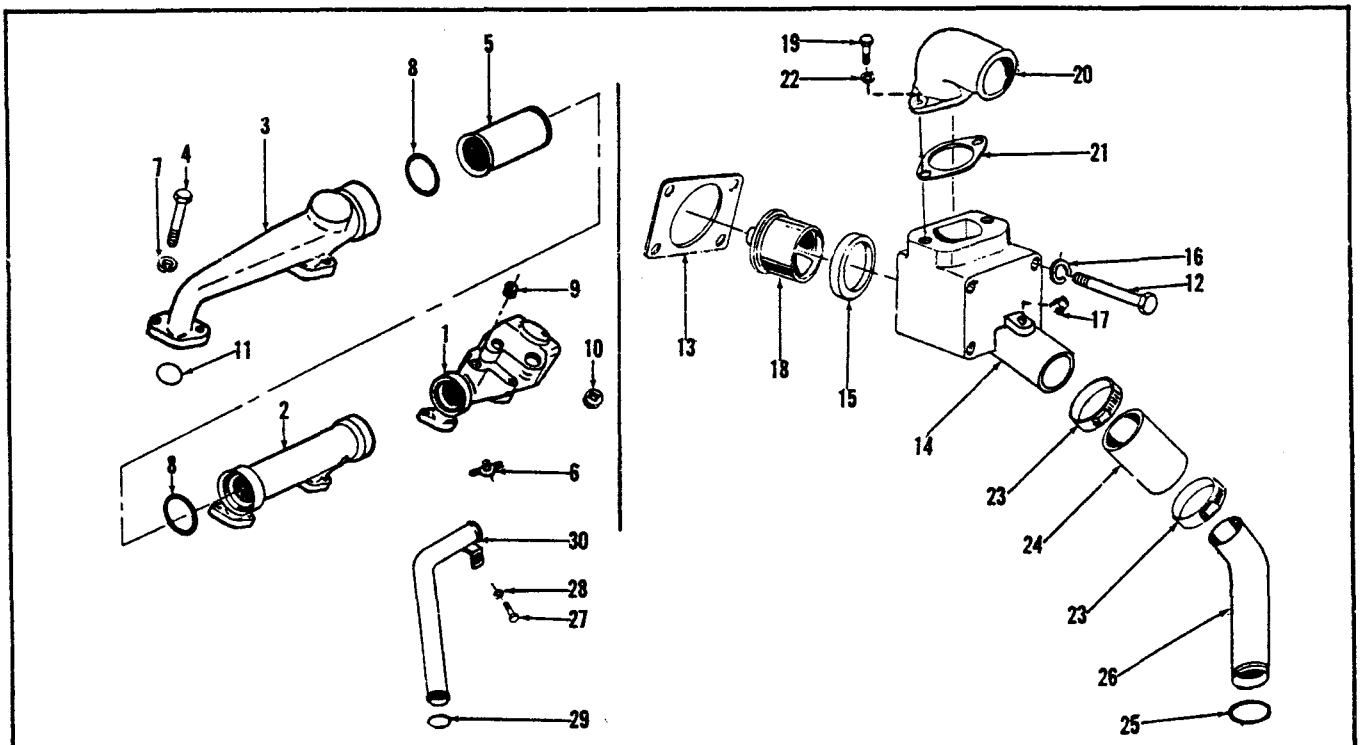


ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	FAN BRACKET		
210235	Bracket, fan	1	1
217034	Brace, fan bracket	1	2
S-149-B	Capscrew	2	3
103009	Capscrew	2	4
120516	Capscrew	2	5
S-608	Lockwasher	4	6
S-610	Lockwasher	2	7
66912-1A	Screw, fan adjusting	1	8
S-670	Washer	2	9
182086	Washer	1	
	FAN HUB		
	Automotive		
AR-08852	Hub, fan	1	
143116	Bearing, roller	1	10
116759	Bearing, roller	1	11
143108	Gasket, fan pilot spacer	1	12
146650	Nut, slotted	1	13
S-510	Pin, cotter	1	14
S-911-B	Plug, pipe	2	15
146656	Pulley, fan hub	1	16
106276	Seal, oil	1	17
210237	Shaft, fan hub	1	18
146651	Washer, clamp	1	19
	Construction		
AR-10480	Hub, fan	1	
200384	Bearing	1	
S-103-D	Capscrew	6	
70896	Capscrew	2	
210886	Cover, fan hub	1	
210890	Decal	1	
212485	Hub, fan	1	
142176	Nut, huglock	1	
145551	"O" ring	1	

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
212492	Pulley, fan hub	1	
S-911	Plug, pipe	1	
204864	Ring, retaining	1	
210996	Retainer "O" ring	1	
200307	Seal, oil	1	
201620	Shaft	1	
146651	Washer, clamp	1	
S-604	Washer, lock	6	
	MOUNTING PARTS (Automotive)		
210886	Cover	1	
S-117	Capscrew	2	20
S-106	Capscrew	4	21
S-604	Lockwasher	6	22
S-608	Lockwasher	4	23
147209	Spacer	1	25
203310	Washer, adjustment link	4	26
S-696	Washer	4	
	MOUNTING PARTS (Construction)		
S-125	Capscrew	4	
S-608	Washer, lock	4	
117267	Washer	4	
	DRIVE PULLEY (Accessory)		
	With Compressor		
AR-09296	Pulley, drive (209733)	1	27
190397	Sleeve, pulley	1	28
	MOUNTING PARTS		
178662	Blet, fan drive (Construction)	2	
134809	Belt, fan drive (Automotive)	2	
215356	Belt, water pump (Automotive)		
191517	Locknut	1	29
194380	Washer, plain	1	30
	Less Compressor		
Omit:			
AR-09296	Pulley, drive (209733)	1	27
Add:			
AR-10485	Pulley, drive (212490)	1	28
190397	Sleeve, wear	1	28

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED



ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	WATER MANIFOLD		
211016	Manifold, water (front)	1	1
130118	Manifold, water (center)	1	2
130119	Manifold, water (rear)	1	3
S-103-D	Capscrew	12	4
130394	Coupling, manifold	2	5
S-962-E	Cock, drain	1	6
S-604	Lockwasher	12	7
70624	"O" ring, coupling	4	8
S-915-A	Plug, pipe	2	9
S-995	Plug, pipe	1	10
148203	Ring, sealing	6	11
	NTC-350, NTA-380, Power Torque 330-D		
	Same as above except:		
215042	Manifold, water (front)		
	NTA-380, NTC-310, NTC-335		
	Same as above except:		
133342	Manifold, water (rear)	1	3
	THERMOSTAT HOUSING		
S-199-B	Capscrew	4	12
208128	Gasket, housing	1	13
AR-08862	Housing, thermostat	1	
208114	Housing	1	14
186780	Seal, housing	1	15
S-604	Lockwasher	4	16
S-908	Plug, pipe	1	17
135675	Thermostat	1	18

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CONNECTION		
S-112	Capscrew	2	19
210916	Connection, water outlet	1	20
210859	Gasket, water outlet	1	21
S-604	Lockwasher	2	22
	FRONT WATER BY-PASS		
S-110	Capscrew	1	
S-605	Lockwasher	1	
43828-B	Clamp, hose	2	23
102522	Hose	1	24
43463-A	"O" ring	1	25
213485	Pipe, water by-pass	1	26
214617	Clamp, tube	1	
	WATER TRANSFER TUBE		
S-110	Capscrew	1	27
S-605	Lockwasher	1	28
212161	"O" ring	2	29
211027	Tube, water transfer	1	30

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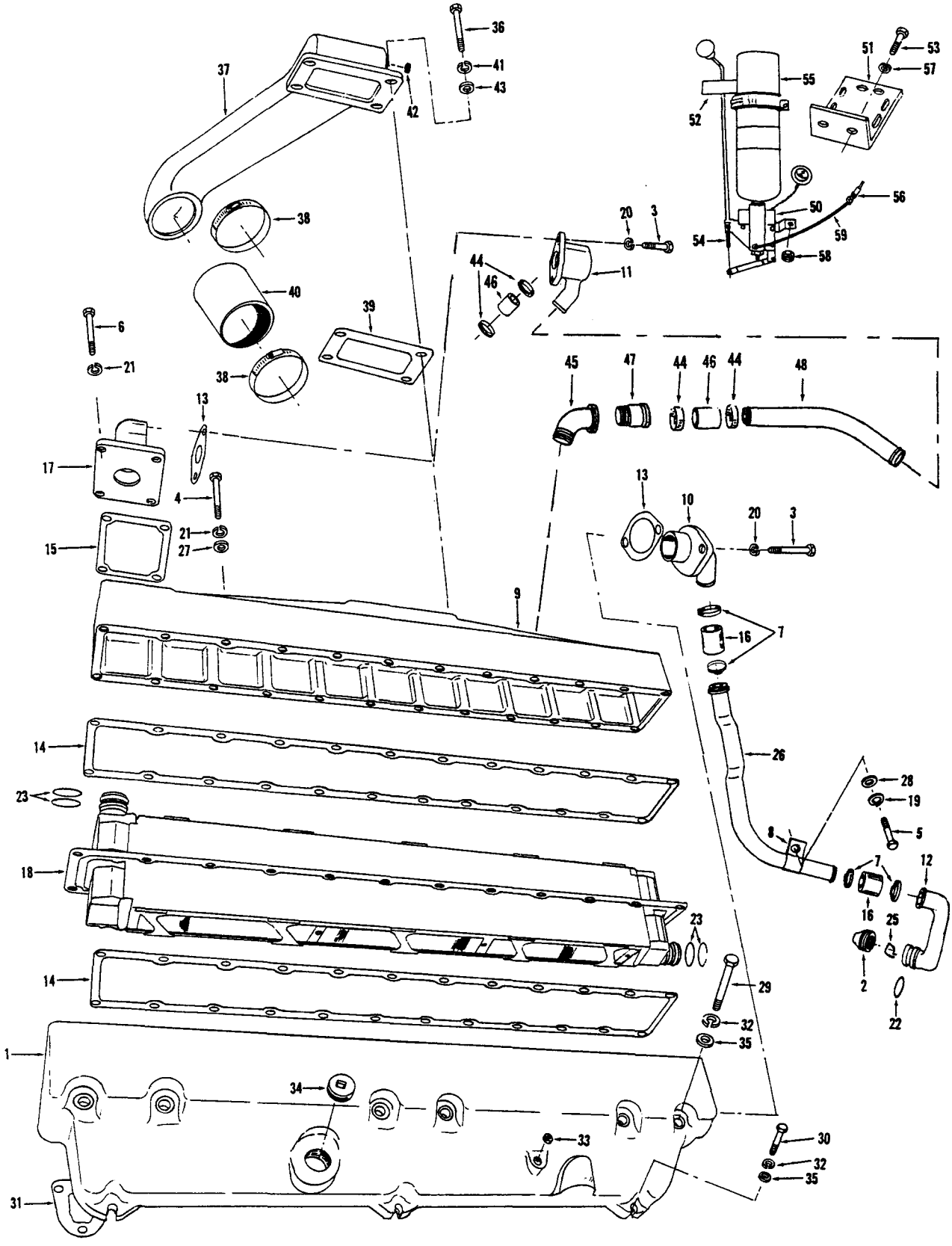

AIR INTERCOOLER, AIR CROSSOVER, FRONT WATER CROSSOVER AND COLD STARTING AID

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	AIR INTERCOOLER AND INTAKE MANIFOLD		
	NTA-380, Power Torque 330-D, NTA-360		
217372	Housing, air intercooler (Air intake manifold)	1	1
200946	Adapter, water connection	1	2
S-103-D	Capscrew	4	3
S-124-C	Capscrew	20	4
138042	Capscrew	1	5
101662	Capscrew	4	6
43828-A	Clamp, hose	4	7
204263	Clip, hose	1	8
195763	Cover, intercooler housing (Air intake manifold)	1	9
211222	Connection, water	1	10
215038	Connection, water	1	11
200944	Connection, water tube	1	12
188221	Gasket, water outlet connection	2	13
216486	Gasket, intercooler	2	14
195950	Gasket, thermostat Housing	1	15
61554	Hose	2	16
195951	Housing, thermostat	1	17
214836	Intercooler	1	18
S-603	Lockwasher	1	19
S-604	Lockwasher	4	20
S-605	Lockwasher	24	21
109080	"O" ring	1	22
195952	"O" ring	4	23
S-911-B	Plug, pipe	1	
200945	Ring, snap	1	25
68252-A	Spacer	1	
211223	Tube, water	1	26
S-626	Washer, plain	20	27
S-658	Washer, plain	1	28
	MOUNTING PARTS		
S-149-A	Capscrew	6	29
108707	Capscrew	3	30
202961	Gasket, intake manifold	3	31
S-604	Lockwasher	9	32
S-911-B	Plug, pipe	1	33
S-962	Plug, pipe	1	34
S-602	Washer, plain	9	35
63842	Washer	3	
	NTC-350		
	Same as above except:		
Omit:			
195763	Cover, intercooler	1	9
S-124-C	Capscrew	20	4
101662	Capscrew	4	6
215038	Connection	1	11
S-604	Lockwasher	4	20
109080	"O" ring	1	22
200945	Ring, snap	1	25
S-626	Washer, plain	20	27
Add:			
212535	Capscrew	24	4
214154	Cover, intercooler	1	9
215039	Connection, water	1	11
215044	Gasket, outlet	1	
216486	Gasket, intercooler	1	14

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	AIR CROSSOVER		
	NTC-350		
108707	Capscrew	4	36
200488	Connection, air crossover	1	37
208326	Clamp, hose	2	38
195862	Gasket	1	39
202994	Hose	1	40
S-604	Lockwasher	4	41
S-911-B	Plug, pipe	1	42
S-602	Washer, plain	4	43
	FRONT WATER CROSSOVER		
	NTC-350		
43828-A	Clamp, hose	4	44
S-988	Elbow, street	1	45
200517	Hose	2	46
S-932-B	Nipple, pipe	1	47
215041	Tube, water crossover	1	48
	COLD STARTING AID		
	NTC-350		
191019	Aid, cold starting	1	50
187205	Bracket	1	51
187223	Bracket, cable	1	52
S-114	Capscrew	2	53
187221	Cable, control	1	54
187219	Cylinder, fuel (Comes in lots of 12 only	1	55
187218	Fitting, manifold	1	56
S-600	Lockwasher	2	57
S-224	Nut	2	58
187213	Tube, nylon (Comes in 4 foot lengths)	1	59

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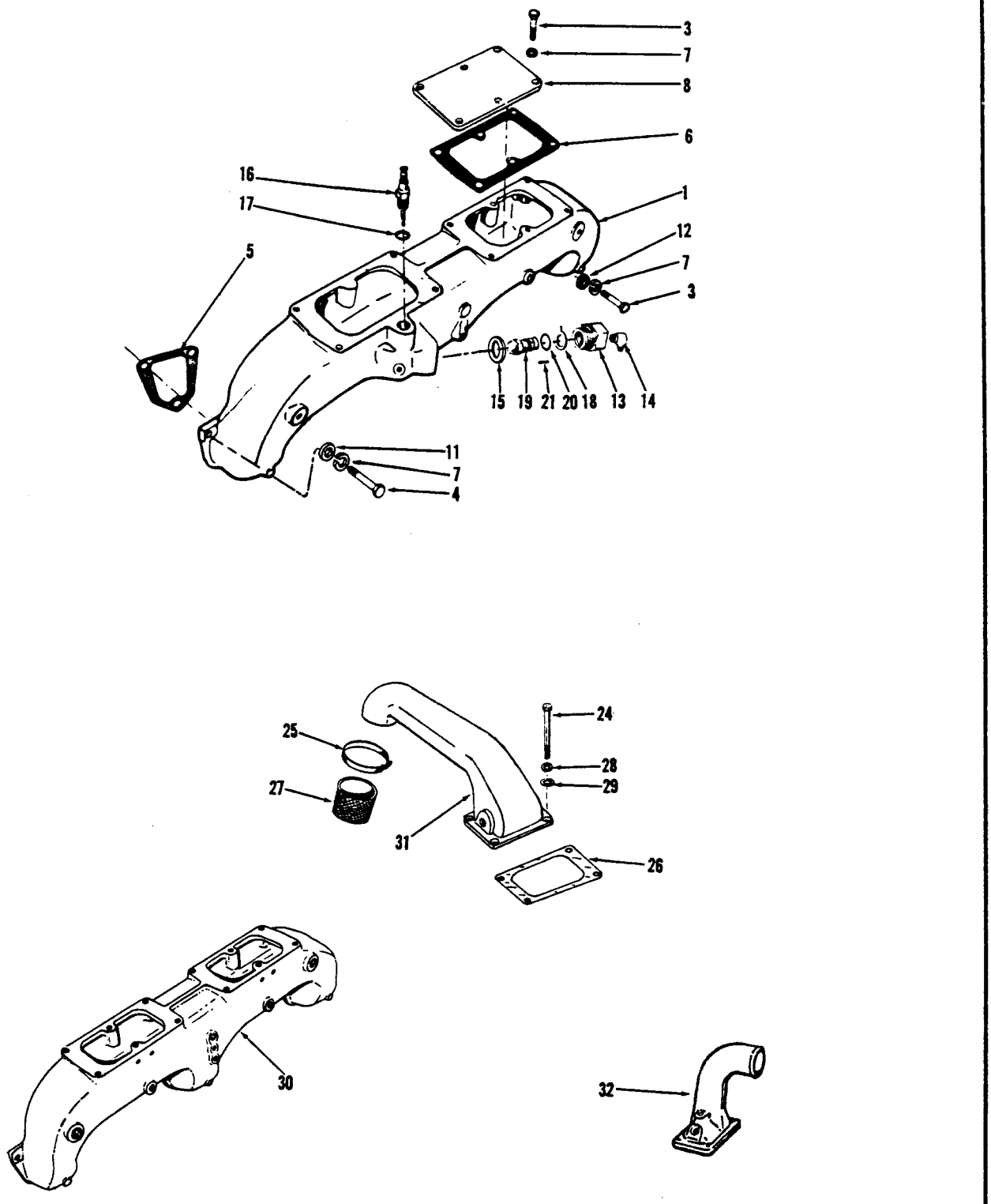


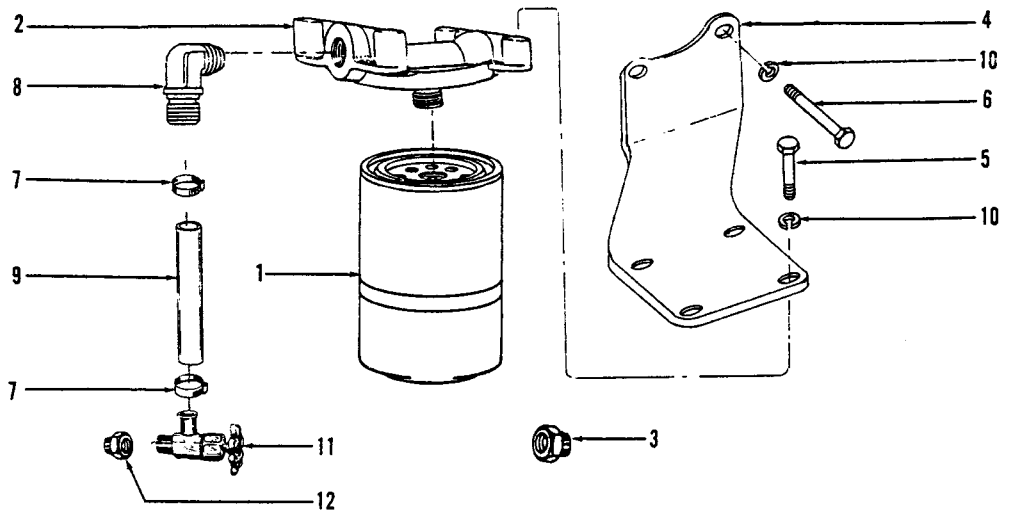
INTAKE MANIFOLD AND CONNECTIONS

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	AIR INTAKE MANIFOLD		
	Piston Cooled, Power Torque 300-D, NTC-335, 290, NTC-270CT, NTC-250(S)		
141895	Manifold, air intake	1	1
	MOUNTING PARTS		
S-103-D	Capscrew	6	
S-112	Capscrew	10	3
108707	Capscrew	3	4
202961	Gasket, manifold	3	5
149819	Gasket, plate	1	6
S-604	Lockwasher	19	7
144257	Plate, manifold cover	1	8
S-911-B	Plug, pipe	2	
S-962	Plug, pipe	1	
S-602	Washer, plain	10	11
63842	Washer, plain	3	12
	GLOW PLUG		
	All Applications		
125880	Adapter, nozzle	1	13
139474	Decal	1	
68139	Elbow, hose	1	14
67946	Gasket, copper	1	15
68812	Glow plug	1	16
118273	Gasket, glow plug	1	17
68178-1	Lockplate, nozzle	1	18
69215	Nozzle	1	19
68061-A	"O" ring	1	20
43468	Pin, groove	1	21
100046	Primer, hand	1	
68813	Resistor, preheater	1	
S-1213	Screw, resistor	2	
S-600	Lockwasher	2	
S-224	Nut	2	
	C Application		
	Same as above except:		
141761	Manifold, air intake	1	30
	AIR INTAKE CONNECTION		
	Power Torque 300-D, NTC-250(S), NTC-335, 290, NTC-270CT		
202141	Connection, air crossover	1	31
	MOUNTING PARTS		
108707	Capscrew	3	24
208326	Clamp, hose	2	25
199568	Gasket, connection to manifold	1	26
202994	Hose, connection to turbocharger	1	27
S-604	Lockwasher	4	28
S-602	Washer, palin	4	29

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	NTA-855-C-380		
211657	Connection, air intake	1	32
	MOUNTING PARTS		
108707	Capscrew	4	24
208362	Clamp, hose	2	25
195862	Gasket, connection to manifold	1	26
202994	Hose, connection to turbocharger	1	27
S-604	Lockwasher	4	28
S-911-B	Plug, pipe	2	
S-602	Washer, palin	4	29
	For NT-855-C-310, 335 and 280 NTA-855-C-360		
	Same as above except:		
199568	Gasket, connection to manifold	1	26
212120	Connection, crossover	1	32
	For NTC-350, Power Torque 330-D		
	Same as above except:		
200488	Connection, turbo	1	32
216487	Gasket, connection to manifold	1	26

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED



ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CORROSION RESISTOR		
	All NTC Auto		
258264	Filter, water	1	
299083	Element (WF-2013) Precharge	1	1
299080	Element (WF-2010) Service	1	1
204163	Head	1	2
	All NT-855-C		
258265	Filter, water	1	
299084	Element (WF-2014) Precharge	1	1
299080	Element (WF-2010) Service	1	1
204163	Head	1	2

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	MOUNTING PARTS		
180221	Adapter	1	3
S-983	Bushing	1	12
211448	Bracket	1	4
S-103-D	Capscrew	4	5
137890	Capscrew	2	6
179904	Clamp, hose	4	7
70470	Elbow	2	8
179913	Hose	2	9
S-604	Lockwasher	6	10
179901	Valve, water shut-off	2	11
116982	Plate, lock	1	

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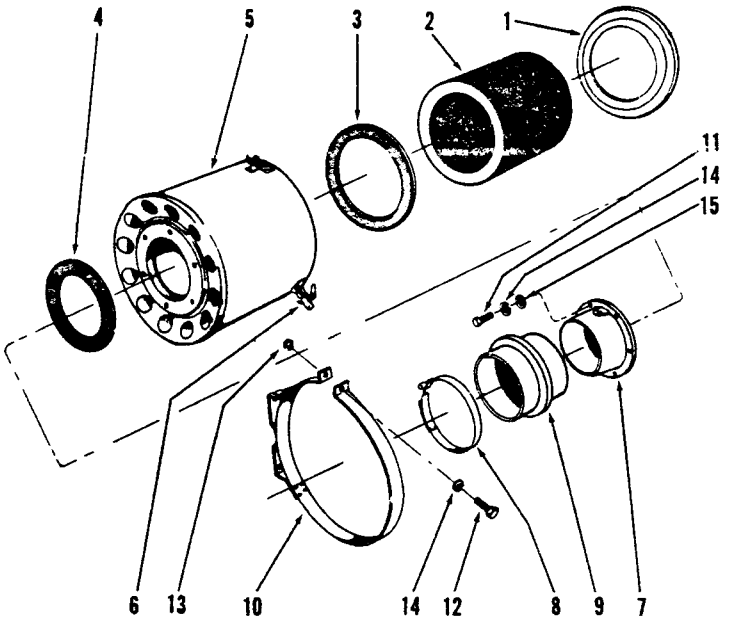
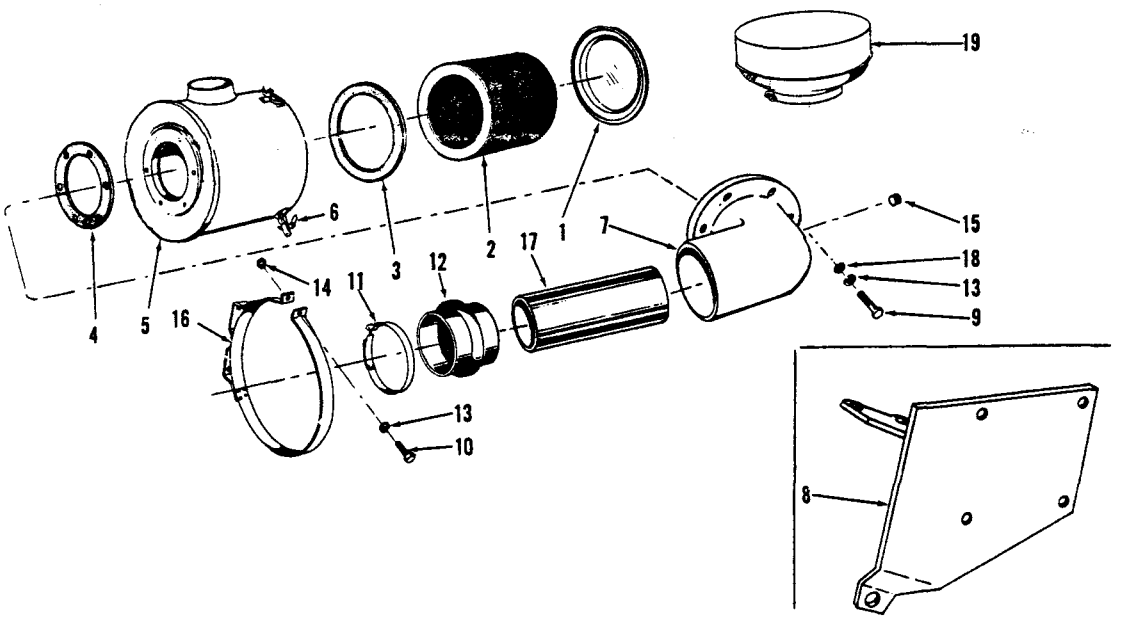


ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL		P - INDUSTRIAL POWER	

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	AIR CLEANER		
106833	Cleaner, air (12" diameter)	1	
107135	Cover, shell	1	1
AF-253	Element	1	2
107136	Gasket, element	1	3
107137	Gasket, flange	1	4
107134	Shell, air cleaner	1	5
122121	Spring, clip	3	6
	MOUNTING PARTS		
106126	Adapter	1	7
125741	Clamp, hose	4	8
103808	Hose, flexible	2	9
105916	Strap	2	10
S-115	Capscrew	6	11
S-111	Capscrew	2	12
S-221	Nut	2	13
S-605	Lockwasher	8	14
S-626	Washer, plain	6	15

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.

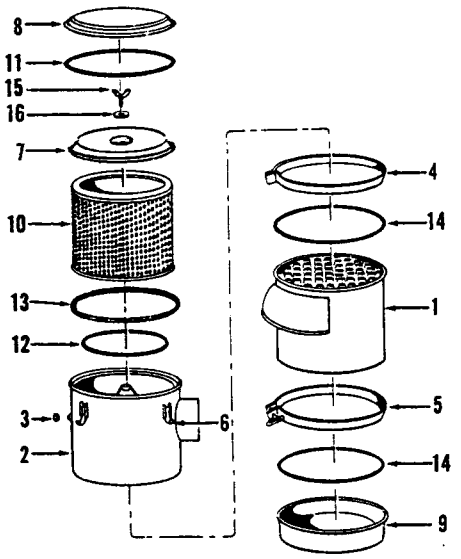
PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED



ENGINE APPLICATION	AUTOMOTIVE	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	P - INDUSTRIAL POWER	X

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	OPTIONAL AIR CLEANER						
106832	Cleaner, air	1					
107135	Cover	1	1				
AF-253	Element	1	2				
107136	Gasket, element	1	3				
107137	Gasket, flange	1	4				
107139	Shell	1	5				
122121	Spring	3	6				
	MOUNTING PARTS						
105402	Adapter	1	7				
204165	Bolt, self locking	1					
146818	Bracket	1	8				
S-117	Capscrew	4					
S-186-A	Capscrew	1					
S-115	Capscrew	6	9				
S-111	Capscrew	2	10				
125741	Clamp, hose	4	11				
195873	Hood	1	19				
103808	Hose	2	12				
S-604	Lockwasher	4					
S-603	Lockwasher	1					
S-605	Lockwasher	8	13				
S-223	Nut	4					
S-221	Nut	2	14				
S-910-B	Plug, pipe	1	15				
65434-B	Spacer, bracket	2					
68252-A	Spacer	1					
105916	Strap	2	16				
134994	Tube, air cleaner to turbocharger	1	17				
S-626	Washer, plain	6	18				
S-658	Washer	1					

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

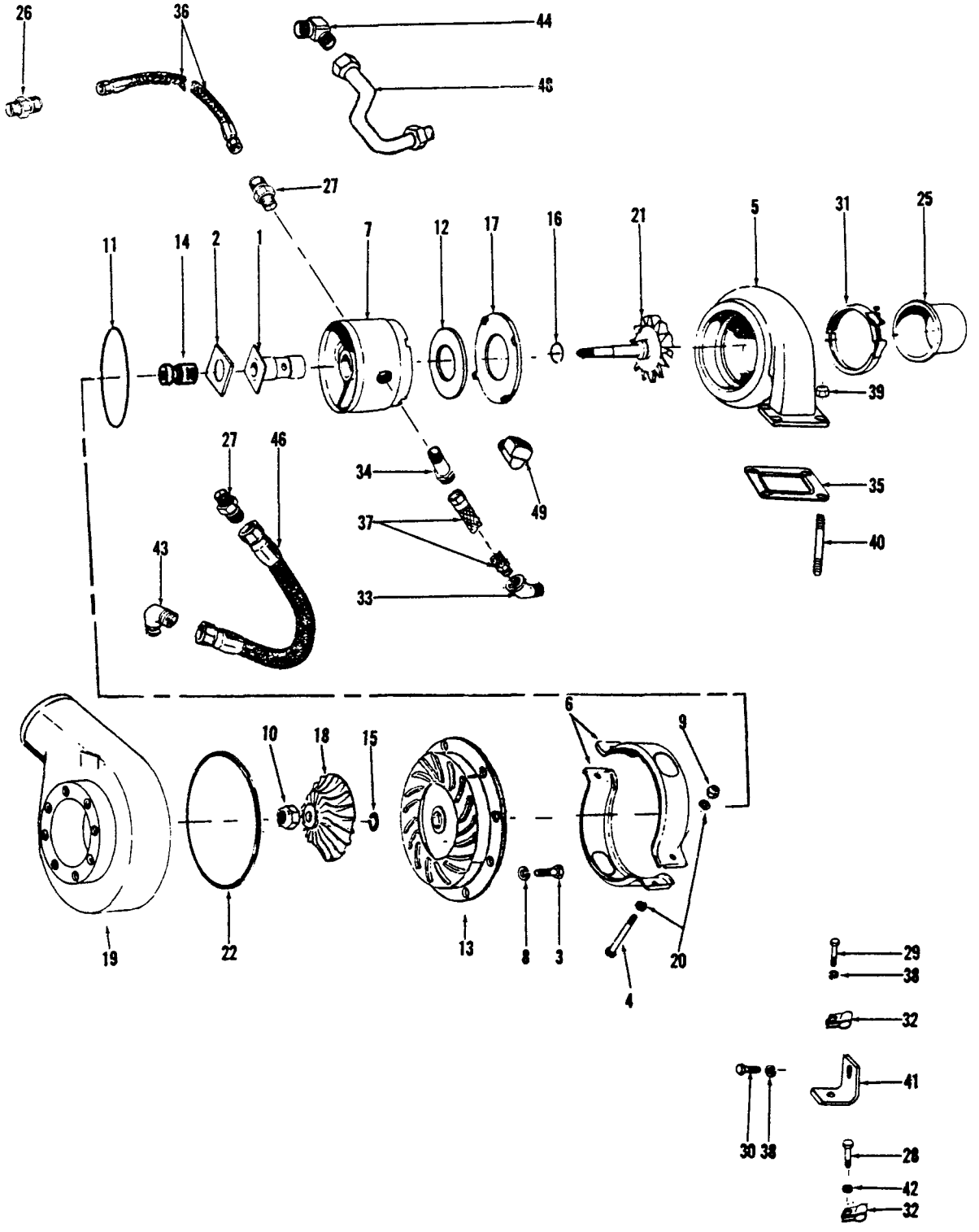


ENGINE APPLICATION	AUTOMOTIVE	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	OPTIONAL AIR CLEANER		
	2100 RPM		
204644	Cleaner, air (16" diameter)	1	
204647	Baffle	1	
150768	Cap	1	
151695	Clamp	1	
204648	Cup	1	
204645	Element, primary	1	
204646	Element, safety	1	
204635	Nut	1	
133774	"O" ring	1	
204649	Plate, instruction	1	
152007	Cap	1	
	2300 RPM		
204662	Air cleaner	1	
New	Body, lower	1	1
151690	Body, upper	1	2
150768	Cap,.restriction	1	3
151692	Clamp, body	1	4
151695	Clamp, cup	1	5
150767	Clip, cover	1	6
151689	Cover, inner	1	7
133767	Cover, assembly	1	8
151696	Cup, assembly	1	9
151688	Element	1	10
151687	Gasket, cover	1	11
151697	Gasket, inner	1	12
151691	Gasket, element	1	13
133772	Gasket, body and cup	1	14
152792	Screw	1	15
152793	Washer	1	16

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	NT-335		
151610	Cleaner, air (16" diameter)	1	
151789	Body, upper	1	2
151692	Clamp, body	1	4
151695	Clamp, cup	1	5
150788	Cover, inner	1	7
133767	Cover, assembly	1	8
151696	Cup, assembly	1	9
151686	Element	1	10
151687	Gasket, cover	1	11
151697	Gasket, inner cover	1	12
151691	Gasket, element	1	13
133774	Gasket, body and cup	2	14
	MOUNTING PARTS		
125741	Clamp, "T" bolt	3	
152026	Clamp, "T" bolt	1	
103808	Hose	1	
151614	Reducer, rubber	1	
197221	Strap	2	

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

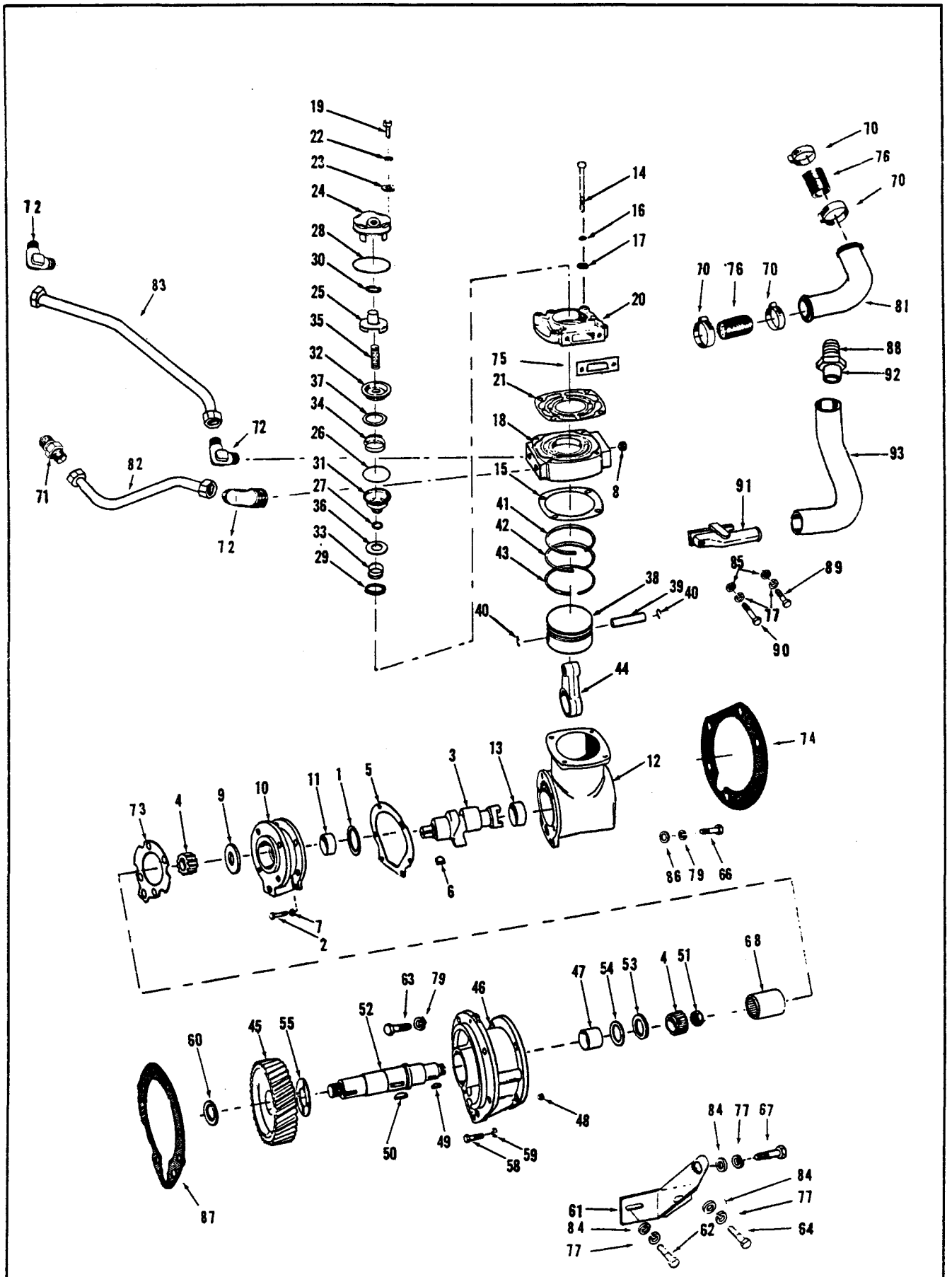


VT-50 TURBOCHARGER

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	VT-50 TURBOCHARGER		
	2300 RPM Engine With Air Intercooler		
	Group A		
AR-09749	Turbocharger assembly (204245)	1	
156420	Bearing	1	1
170510	Bearing insert	2	2
S-118-A	Capscrew	8	3
194010	Capscrew	2	4
204244	Casing, turbine	1	5
156416	Clamp, "V" band	1	6
202376	Housing, bearing	1	7
S-600	Lockwasher	8	8
128936	Nameplate, turbo	1	
167299	Nut, clamp	2	9
S-222-A	Nut	1	10
202457	"O" ring	1	11
202377	Packing, insulation	1	12
203294	Plate, vane diffuser	1	13
211375	Ring Sealing	1	22
211117	Sleeve	1	14
S-2286	Screw, nameplate	4	
156444	Seal	1	15
195840	Seal, ring	1	16
171570	Shield, heat	1	17
215577	Wheel, impeller	1	18
214663	Housing, compressor	1	19
S-631	Washer, plain	4	20
AR-10058	Wheel and shaft (208229 and 210266)	1	21
	2100 RPM Engine Auto, B, C Application Except NTC-290		
	Group B		
	Same as Group A except:		
AR-09476	Turbocharger assembly (202140)	1	
190227	Casing, turbine	1	3
212563	Wheel, impeller	1	18
214662	Housing	1	19
	2300 RPM Engine Auto Application		
	Group C		
	NTC-290		
	Same as Group A except:		
AR-10076	Turbocharger assembly (204495)	1	
202506	Casing, turbine	1	5
212563	Wheel, impeller	1	18
214662	Housing	1	19
	Group D		
	Power Torque 270		
	Same as Group A except:		
AR-09382	Turbocharger assembly	1	
194010	Capscrew	2	4
202503	Casing, turbine	1	5
212563	Impeller		18
AR-08918	Housing and plate-turbocharger	1	
214664	Housing, compression collector		19
203295	Plate, T-50 vane diffuser		13
211375	Ring, sealing		16
	MOUNTING PARTS		
	Piston Cooled – Auto Application		
193908	Adapter	1	
183669	Adapter	1	34
186918	Adapter, exhaust manifold	1	25
142429	Adapter, elbow	1	26
208668	Adapter	1	27
S-114	Capscrew	2	28
S-181-B	Capscrew	1	29
108707	Capscrew	1	30
186917	Clamp, "V" band	1	31
108722	Clamp, hose	3	32
214093	Elbow, oil drain	1	33
43828-A	Clamp	1	
190849	Gasket, exhaust collector	1	35
209955	Hose, teflon	1	36
AC1600200NF	Hose	1	37
S-604	Lockwasher	2	38
219138	Nut, lock	4	39
107709	Stud, exhaust manifold	4	40
68190	Support, oil suction line	1	41
S-631	Washer, plain	2	42
197733	Nipple	1	
3000056	Tube, drain	1	
	2300 RPM Engine		
193908	Adapter, tube	1	
183669	Adapter	1	
186918	Adapter, exhaust manifold	1	25
142429	Adapter, elbow	1	43
208668	Adapter, hose	1	27
S-114	Capscrew	2	29
43828-A	Clamp	1	
186917	Clamp, "V" band	1	31
108722	Clamp, hose	4	32
214093	Elbow	1	44
190849	Gasket, exhaust collector	1	35
209959	Hose, teflon	1	46
AC1600400NF	Hose	1	
197733	Nipple, adapter	1	
219138	Nut, lock	4	39
107709	Stud, exhaust manifold	4	40
211747	Tube, drain	1	48
211748	Tube, drain	1	
3000056	Tube, drain	1	
S-631	Washer	2	

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED



AIR COMPRESSOR

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY		C - CONSTRUCTION & INDUSTRIAL		P - INDUSTRIAL POWER	

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	AIR COMPRESSOR-COUPLING DRIVEN		
	All Automotive		
AR-07944	Compressor, air	1	
188040	Bearing, thrust	A/R	1
188042	Bearing, thrust .002" oversize	A/R	1
188044	Bearing, thrust .004" oversize	A/R	1
S-103-D	Capscrew	6	2
199340	Crankshaft, compressor	1	3
190769	Coupling, half	1	4
176027	Gasket, support	1	5
S-315	Key, crankshaft	1	6
S-604	Lockwasher	6	7
S-965-E	Plug, pipe	1	
S-915-A	Plug, pipe	1	8
139761	Plug, pipe	1	
211662	Washer, thrust	1	9
AR-07943	Support and bushing (199337)	1	10
213213	Bushing, support	1	11
AR-03928	Crankcase (176025)	1	12
147610	Bushing, crankshaft	1	13
S-155-A	Capscrew	4	14
154018	Gasket	1	15
S-605	Lockwasher	4	16
136403	Nameplate	1	
S-2286	Screw, nameplate	6	
S-626	Washer, plain	4	17
AR-03926	Head, compressor (179122)	1	18
S-115	Capscrew	2	19
153964	Cover	1	20
154996	Gasket	1	21
S-605	Lockwasher	2	22
109557	Washer	2	23
AR-04154	Valve assembly	1	
153966	Body, unloader valve	1	24
191037	Cap, unloader	1	25
128086	"O" ring, exhaust valve	1	26
128085	"O" ring, intake valve	1	27
211315	"O" ring, unloader valve	1	28
183429	Plate, wear	1	29
127936	Seal, unloader cap	1	30
144714	Seat, exhaust valve	1	31
145028	Seat, intake valve	1	32
128080	Spring, exhaust valve	1	33
190334	Spring, intake valve	1	34
217557	Spring, unloader valve	1	35
127940	Valve, exhaust	1	36
144948	Valve, intake	1	37
BM-77410	Piston assembly	1	
165430	Piston	1	38
119810	Pin	1	39
119859	Ring, snap	2	40
AR-73350	Ring set	1	
650330	Ring, compression	1	41
187350	Ring, compression	1	42
180810	Ring, oil control	1	43
176023	Rod, connecting	1	44
	MOUNTING PARTS		
	NTC-350		
202356	Bracket, compressor support	1	61
S-120-A	Capscrew	2	62
S-155	Capscrew	4	63
S-104	Capscrew	1	64
S-102	Capscrew	1	89
103009	Capscrew	4	66
129510	Capscrew, Nylok	1	67
S-111	Capscrew	1	90
196281	Connection, air compressor	1	91
152536	Bushing	1	
108722	Clamp	1	
199349	Coupling, drive	1	68
153409	Elbow	1	
43828-A	Clamp, hose	4	70
S-1002-A	Connector	1	71
S-1005-A	Elbow	3	72
218027	Gasket, housing to support	1	73
200817	Gasket, fuel pump to air compressor	1	74
157911	Gasket, air intake connection	1	75
61554	Hose	2	76
S-604	Lockwasher	3	77
S-605	Lockwasher	2	78
S-610	Lockwasher	8	79
209971	Tube, air supply	1	81
204897	Tube, water inlet	1	82
211772	Tube, water outlet	1	83
S-602	Washer, plain	3	84
S-626	Washer, plain	2	85
S-622	Washer, plain	4	86
68368-B	Spacer	1	
	NTC-270 CT, NTC-290, 335		
	Same as above except:		
	Omit:		
209971	Tube, air supply	1	81
	Add:		
S-904-A	Bushing, pipe	1	88
S-932-B	Nipple, pipe	1	92
204904	Tube, air supply	1	93
	ACCESSORY DRIVE		
	All NTC		
AR-08064	Drive, accessory	1	
190769	Coupling, half	1	4
142689	Gear	1	45
AR-07659	Housing (214171)	1	46
116391	Bearing	1	47
S-911-B	Plug, pipe	2	48
S-316	Key, crankshaft	1	49
69550	Key, crankshaft	2	50
191517	Nut	1	51
199969	Shaft	1	52
116390	Washer, clamping	1	53
116389	Washer, thrust	1	54
116388	Washer, thrust	1	55
	MOUNTING PARTS		
215581	Capscrew	5	58
S-610	Lockwasher	5	59
200809	Gasket	1	87
181236	Seal	1	60

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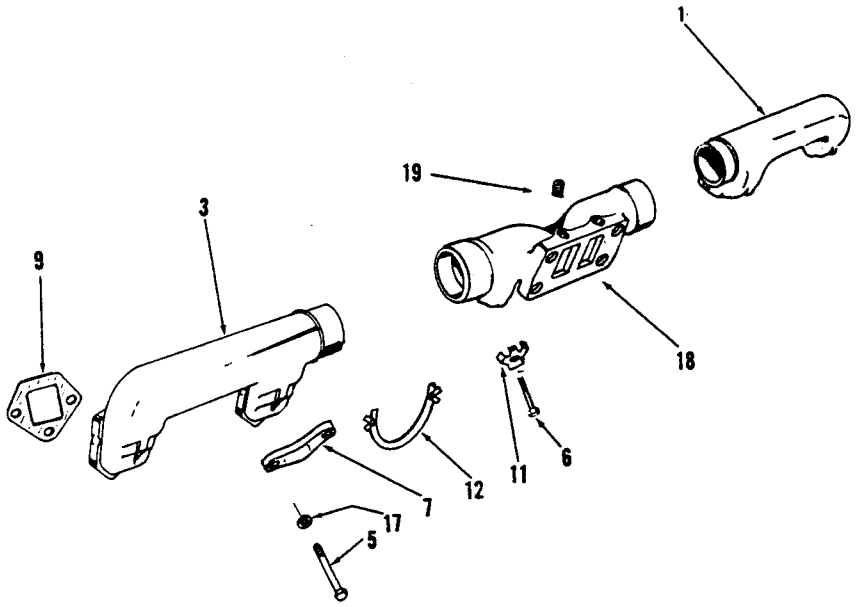

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	X

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	EXHAUST MANIFOLD						
151478	Manifold, front	1	1				
200566	Manifold, center	1	18				
151489	Manifold, rear	1	3				
	MOUNTING PARTS						
S-155	Capscrew	6	6				
200908	Capscrew, hexagon head	4	5				
200919	Clamp, manifold	2	7				
105199	Dowel	6	8				
142234	Gasket, exhaust manifold	6	9				
114638	Lockplate	4	11				
116982	Lockplate	4	12				
S-908	Plug, pipe	2					
S-910-B	Plug, pipe	2	19				
S-911-B	Plug, pipe	2					
109594	Washer	8	17				

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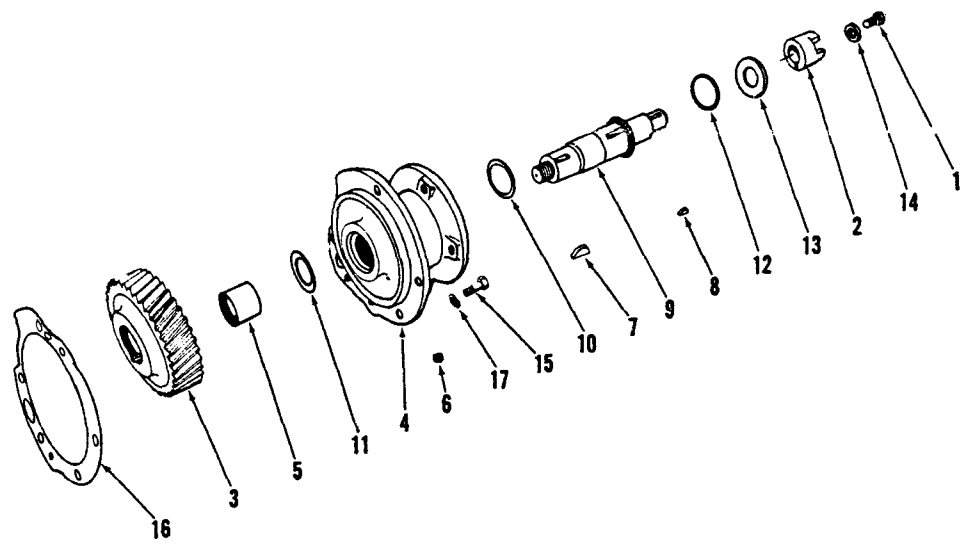

ENGINE APPLICATION	AUTOMOTIVE		B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	X

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	FUEL PUMP DRIVE						
	B, C and P Applications						
AR-08536	Drive, fuel pump assembly	1					
129510	Capscrew	1	1				
158826	Coupling	1	2				
142689	Gear, accessory drive	1	3				
AR-08782	Housing (208671)	1	4				
116391	Bushing	1	5				
S-911-B	Plug, pipe	2	6				
69550	Key, Woodruff	1	7				
S-316	Key	1	8				
170658	Shaft, accessory drive	1	9				
116388	Washer, thrust	1	11				
116389	Washer, thrust	1	12				
116390	Washer, clamping	1	13				
170664	Washer, plain	1	14				
	MOUNTING PARTS						
S-105-A	Capscrew	5	15				
200809	Gasket, housing to block	1	16				
S-610	Lockwasher	5	17				
69550	Key, Woodruff	1	7				
181236	Seal, drive pulley	1	10				

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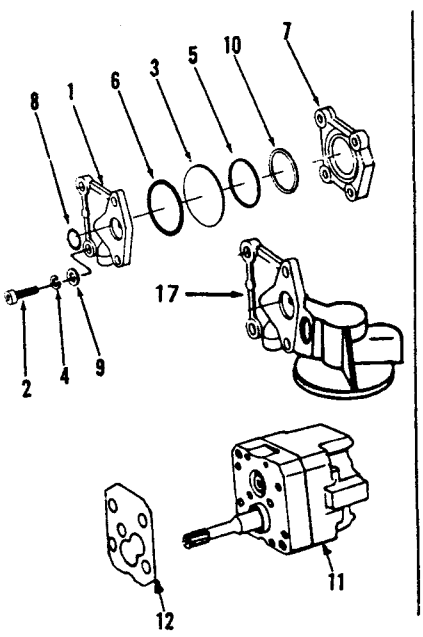

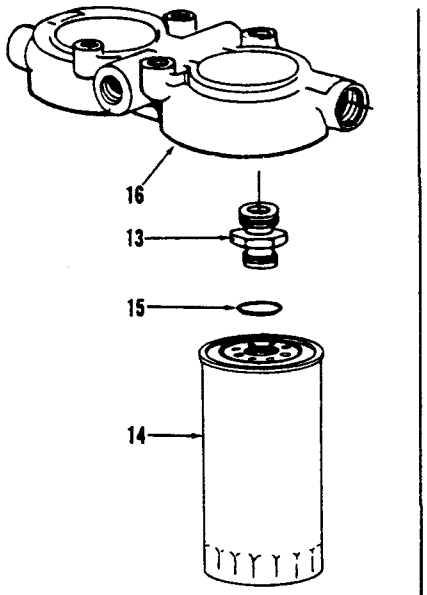

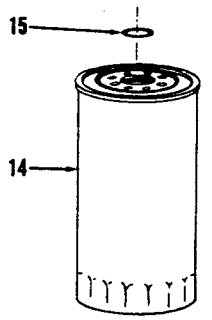

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	PT FUEL SYSTEM		
	Each Cummins PT Fuel Pump is calibrated to obtain the best performance and fuel economy for your engine. Your Cummins Distributor or Dealer has the special tools required for complete rebuild and calibration. Caution: Do not disturb the fuel pressure settings or the throttle screw settings, as serious damage to your engine may result.		
	Only PT Fuel System parts which can be replaced without pump calibration are listed here. Your Cummins Distributor will record the specific part number of your complete PT Fuel Pump in the front of this catalog.		
	FUEL PUMP DAMPER		
	Construction		
BM-76340	Damper, fuel pump	1	
153336	Body, damper	1	1
S-105-C	Capscrew	2	2
202897	Diaphragm	1	3
S-600	Lockwasher	2	4
139988	"O" ring	1	5
100099	"O" ring	1	6
153338	Plate	1	7
151900	Seal, damper to gear pump	1	8
70704	Washer, plain	2	9
160514	Washer, nylon	1	10
	FUEL FILTER, HEAD & DAMPER		
	Automotive		
AR-12220	Damper and head assembly	1	
S-174-C	Capscrew	2	2
133538	Capscrew	1	2
153346	Capscrew	1	2
181466	Lockwasher	4	4
213079	"O" ring	1	5
151900	"O" ring	1	6
215787	Head assembly (205451)	1	17
	GEAR PUMP		
BM-97502	Gear pump (3/4") (R.H.)	1	11
210647	Gasket	1	12
116936	Elbow	1	
129866	Connector	1	
	FUEL FILTER		
	Dual Element		
	Construction		
BM-76976	Filter, fuel	1	
126516	Bolt, center	2	13
154709	Cartridge FF-105	2	14
255622	Seal, cartridge	2	15
135601	Head, filter	1	16
	Single Element		
	Automotive		
154711	Filter, fuel	1	
154709	Cartridge FF-105	1	14
255622	Gasket, cover	1	15
129859	Connector, elbow	2	
129866	Connector, straight	1	
AS1002840SS	Hose	1	
	MOUNTING PARTS		
210847	Bracket, fuel filter	1	
S-122-C	Capscrew	2	
S-103-D	Capscrew	4	
190699	Decal, fuel filter	1	
S-604	Lockwasher	2	
S-609	Lockwasher	2	
65434-B	Spacer	2	

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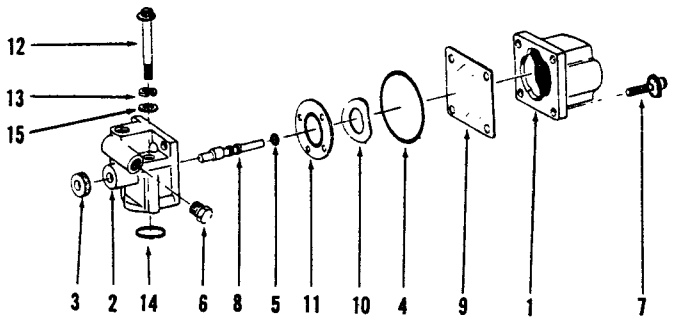

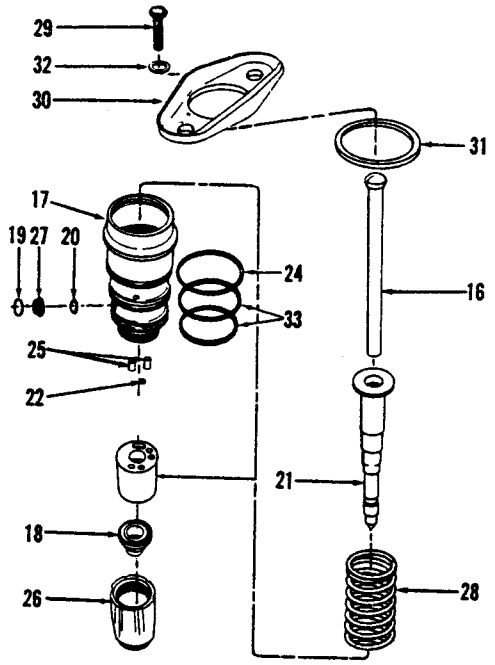

SHUTDOWN VALVE AND INJECTOR PT (TYPE D)

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	X

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	SHUTDOWN VALVE (Automotive)		
BM-69973	Valve, assembly, shutdown (12 volt)	1	
134072	Coil assembly	1	1
129826	Housing, valve	1	2
129838	Knob, override	1	3
190876	"O" ring	1	5
129888	"O" ring	1	4
70295	Plug, pipe	1	6
187556	Sem, fillister head	4	7
196037	Shaft, override	1	8
129839	Shield, fuel	1	9
129768	Spring	1	10
129827	Valve	1	11
S-189-C	Capscrew	2	12
181466	Lockwasher	2	13
154087	Ring, sealing	1	14
67684	Washer, plain	2	15
	Construction		
	Same as above except:		
AR-05535	Valve, shutdown	1	
134074	Coil assembly	1	1

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	INJECTOR		
	All Engines except NTC-350, NTA-380, Power Torque 330-D		
AR-40118	Injector	6	
185139	Adapter, injector	6	16
208423	Cup, injector	6	18
174299	Clip, filter screen	6	19
173086	Gasket, orifice	6	20
191916	Link, injector	6	16
AR-40065	Barrel and plunger	6	21
167157	Ball check	6	22
101754	"O" ring, adapter	6	24
193736	"O" ring, adapter	12	33
203426	Pin, spirol	12	35
185138	Retainer, cup	6	26
174298	Screen, filter	6	27
166009	Spring, injector	6	28
165006	Capscrew, clamp	12	29
191218	Clamp, injector	6	30
	NTC-350, NTA-380, Power Torque 330-D		
	Same as above except:		
AR-40115	Injector, assembly	6	
191744	Cup, injector	6	18

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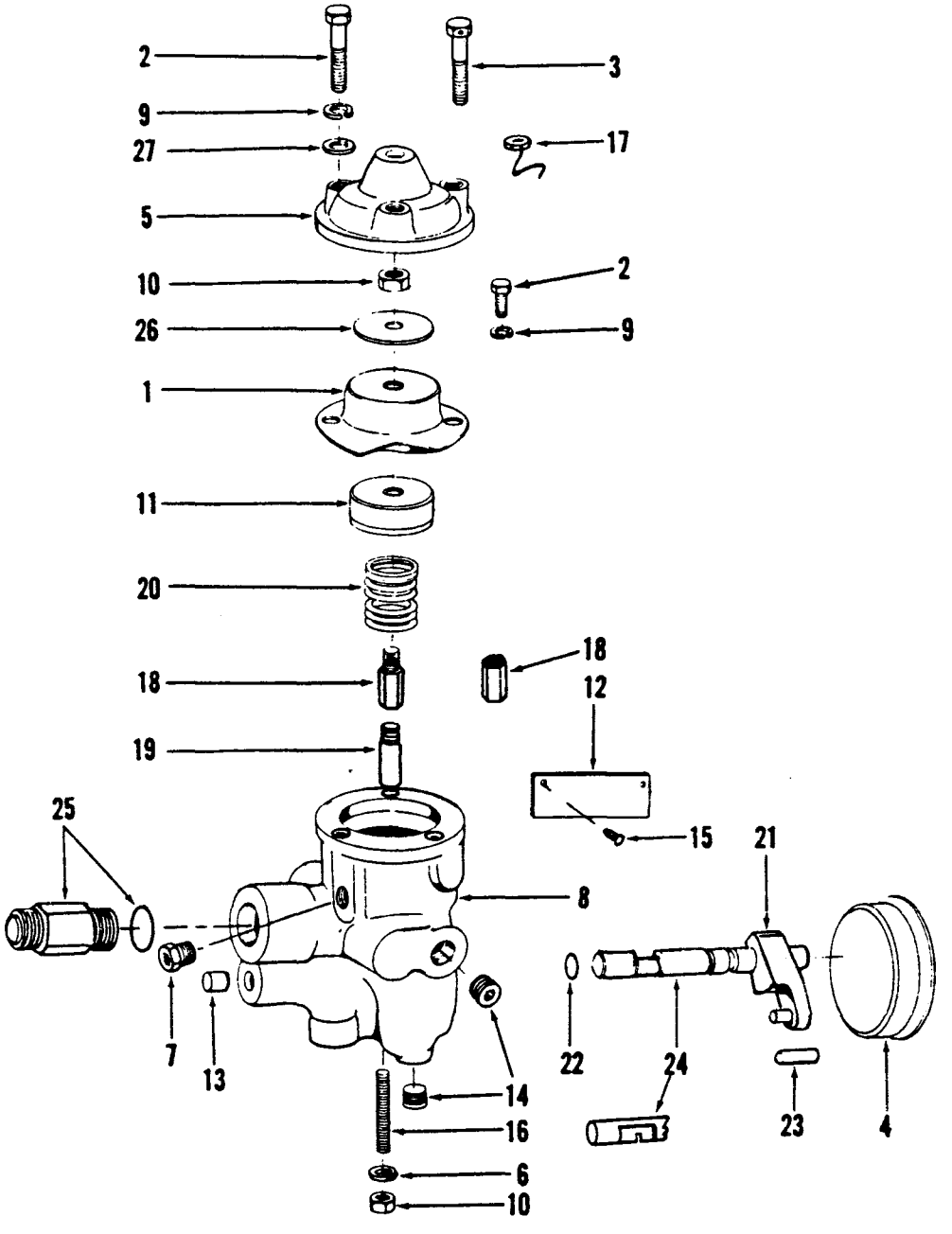

ANERIOD CONTROL

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	ANEROID CONTROL		
	NT-855-C-310, 335, 360 & 280		
AR-40309	Control, aneroid	1	
114739	Bellows	1	1
S-105-C	Capscrew	1	2
203619	Capscrew	2	3
114773	Cover, End	1	4
114947	Cover, Bellows	1	5
70815	Seal, Screw	1	6
213714	Filter, Air	1	7
217046	Housing	1	8
S-600	Lockwasher	4	9
108074	Nut	1	10
114755	Piston	1	11
105375	Plate	1	12
114765	Plug	1	13
200635	Plug, Pipe	2	14
S-2286	Screw, Drive	2	15
109919	Screw	1	16
S-3148	Seal, Lead	1	17
3000415	Shaft, Upper	1	18
214698	Shaft, Lower	1	19
115086	Spring, Bellows	1	20
AR-06856	Valve, Lever and Pin	1	
115034	Lever	1	21
114791	"O" ring	1	22
114940	Pin	1	23
140358	Valve, Shaft	1	24
216737	Valve	1	25
172049	"O" ring	1	25
114754	Washer, Bellows	1	26
S-631	Washer	3	27
	NTC-270 CT		
	Same as above except:		
Omit:			
115086	Spring, bellows	1	20
Add:			
115084	Spring, bellows	1	20
	NTC-350, NTC-335, NTC-290-R, NTA-380, Power Torque 300-D and 330-D		
	Auto, B, C Applications		
	Same as above except:		
Omit:			
AR-40309	Control, aneroid	1	
217046	Housing	1	8
Add:			
AR-40415	Control, aneroid	1	
217047	Housing	1	8
	NTC-290 Auto Application		
	Same as above except:		
Omit:			
AR-40309	Control, aneroid	1	
217046	Housing	1	8
115086	Spring, bellows	1	20
Add:			
AR-40404	Control, aneroid	1	
217047	Housing	1	8

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
124033	Spring, bellows	1	20
	NTC-250, 270CT, 290		
	NTC-335 and Power Torque 300-D		
143950	Adapter	1	
182963	Bracket	1	
S-109-A	Capscrew	1	
S-122	Capscrew	1	
S-112	Capscrew	2	
68139	Elbow, hose	2	
AS501360SS	Hose	2	
S-609	Lockwasher	2	
S-604	Lockwasher	4	
68252	Spacer	1	
	NTC-350, Power Torque 300-D		
	Same as above except:		
Omit:			
68139	Elbow	2	
Add:			
S-1000	Elbow, flex fitting	2	
	NTA-855-C-380		
116935	Adapter, hose	1	
S-112	Capscrew	2	
S-170	Capscrew	2	
204207	Bracket, aneroid	1	
S-1050	Connector, nut	1	
S-1097	Connector, tube	1	
180372	Clamp, tube	1	
S-1000	Elbow, flex fit	1	
144372	Elbow	1	
S-1027	Nut, tube	1	
62906-B	Spacer	1	
216739	Spacer	1	
210538	Tube, F.P. to aneroid	1	
AS501360SS	Hose	2	
S-604	Lockwasher	2	
	NT-855-C-280, 310, 335 & 360		
143950	Adapter	1	
204207	Bracket, aneroid	1	
S-112	Capscrew	2	
S-120	Capscrew	2	
S-1000	Elbow, flex fit	2	
68368	Spacer	1	
201351	Strap	1	
S-604	Washer, lock	4	
63842	Washer	1	
AS501360SS	Hose	2	

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	X

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	FUEL TUBING						
	All Auto Applications except: NTC-270, Power Torque 300-D and 330-D						
180372	Clamp, tube	2					
137796	Capscrew	2					
180371	Clip, tube	1					
163646	Clip, tube	2					
S-1027	Coupling	1					
116936	Elbow	1					
181213	Elbow	2					
203849	Elbow, connector	1					
S-604	Lockwasher	2					
203863	Tee, fuel by-pass	1					
202185	Tube, fuel supply	1					
204915	Tube, fuel by-pass	1					
204914	Tube, fuel drain	1					
S-602	Lockwasher	2					
	B, C Applications						
204265	Adapter	1					
203850	Adapter, straight	1					
137796	Capscrew	1					
163646	Clip, tube	2					
180371	Clip, tube	2					
S-1027	Coupling	1					
181213	Elbow	2					
S-604	Lockwasher	1					
203862	Tee, fuel by-pass	1					
208271	Tube, fuel supply	1					
208272	Tube, fuel by-pass (NT-855-C-280)	1					
212978	Tube, fuel drain	1					
210003	Tube, fuel by-pass						
	FUEL FITTING						
	NTC-270CT, Power Torque 300-D and 330-D						
137796	Capscrew	2					
180372	Clip, tube	2					
163646	Clip, tube	2					
180371	Clamp, tube	1					
181213	Elbow	2					
203863	Tee, fuel by-pass	1					
209618	Tube, fuel supply	1					
204914	Tube, fuel drain	1					
204915	Tube, fuel by-pass	1					

PARTS INDENTED ARE INCLUDED IN THE PART UNDER WHICH THEY ARE INDENTED

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	X

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	ELECTRICAL EQUIPMENT		
	Electrical equipment is not manufactured by the Cummins Engine Company, Inc. Complete service for electrical equipment may be obtained from the manufacturers: The Delco-Remy Company, at Anderson, Indiana: The Leece-Neville Company, at Cleveland, Ohio; or from their service stations. Address of nearest service station may be obtained from the manufacturer.		
	ALTERNATOR (Automotive)		
183751	Alternator	1	
178623	Belt	2	
208131	Bracket	1	
208158	Bushing	1	
S-119-C	Capscrew	1	
S-120	Capscrew	1	
S-137	Capscrew	1	
S-153	Capscrew	1	
S-172-B	Capscrew	1	
208130	Link, adjusting	1	
S-604	Lockwasher	3	
S-610	Lockwasher	1	
S-217	Nut	1	
S-223	Nut	1	
201987	Pulley, alternator	1	
69630	Spacer	1	
203311	Washer	1	
203760	Washer	2	
	Construction		
	Same as above except:		
Omit:			
201987	Pulley	1	
Add:			
213326	Pulley	1	
Omit:			
183751	Alternator	1	
Add:			
204559	Alternator	1	
Omit:			
178623	Belt	2	
Add:			
200549	Belt	2	
	STARTER (Automotive)		
216718	Motor, starting	1	
153581	Capscrew	3	
S-603	Lockwasher	3	
9245	Spacer	1	
	STARTER (Construction)		
Omit:			
216718	Motor, starting	1	
Add:			
135162	Motor, starting	1	
	VOLTAGE REGULATOR		
110713	Regulator, voltage (24 volt)	1	
111436	Bracket	1	
S-600	Lockwasher	6	
111923	Mount, flexible	3	
S-224	Nut	6	
	MISCELLANEOUS		
	NTC-350		
104597	Nameplate, fuel system	1	
184666	Regulator, voltage	1	
102846	Switch, ignition	1	
159110	Switch, magnetic	1	
	NTC-270-CT, NTC-290, 335		
	Same as above except:		
Add:			
139474	Decal, cold starting	1	
202274	Decal, warning	1	
66735	Gauge, fuel	1	
115007	Light, indicator	1	
174450	Plate, off on	1	
104215	Switch, toggle	1	
	FLYWHEEL, RING GEARS, AND FLYWHEEL HOUSINGS		
	Flywheels, ring gears and flywheel housings have been designed to adapt the Cummins Diesel to hundreds of different installations. For this reason, these assemblies are not listed.		
	Your Cummins Distributor will record flywheel, flywheel housing and ring gear part numbers in the front of this catalog.		
	GASKET SETS		
AR-12788	Engine gasket set	1	
3004673	Cylinder head gasket set	1	
3010242	Fuel pump gasket set		

OPTIONAL

ENGINE APPLICATION	AUTOMOTIVE	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	BENDIX-WESTINGHOUSE AIR COMPRESSOR						
215900	Compressor, air	1					
	MOUNTING PARTS						
AR-08064	Drive, fuel pump	1					
190769	Coupling	1					
142689	Gear	1					
69550	Key	2					
S-316	Key	1					
191517	Locknut	1					
181236	Seal	1					
199969	Shaft	1					
116388	Washer, thrust	A/R					
116389	Washer, thrust	A/R					
116390	Washer, thrust	A/R					
AR-07659	Support (214171)	1					
116391	Bushing	1					
S-911-B	Plug, pipe	1					
204994	Adapter, tube	1					
202356	Bracket, support	1					
S-904-A	Bushing, pipe	1					
S-120-A	Capscrew	2					
S-134	Capscrew	2					
S-155	Capscrew	4					
S-169-A	Capscrew	1					
103009	Capscrew	4					
129510	Capscrew	1					
215581	Capscrew	5					
43828-A	Clamp, hose	4					
108722	Clamp, hose	1					
S-1002-A	Connection, tube	1					
128193	Connection, air inlet	1					
199358	Coupling, drive	1					
200398	Coupling, half	1					
S-1005-A	Elbow, tube	1					
204995	Elbow, male	1					
103426	Gasket, connection	2					
200809	Gasket, drive housing	1					
200817	Gasket, fuel pump	1					
218027	Gasket, support	1					
61554	Hose, air inlet	2					
S-604	Lockwasher	4					
S-605	Lockwasher	2					
S-610	Lockwasher	13					
S-932-B	Nipple, pipe	1					
120417	Plate, strainer	1					
62906	Spacer	1					
217451	Tube, air inlet	1					
217452	Tube, water supply	1					
217456	Tube, water drain	1					
S-602	Washer, plain	3					
S-622	Washer, plain	4					

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ENGINE APPLICATION	AUTOMOTIVE	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	P - INDUSTRIAL POWER

PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
	CYLINDER KITS		
	All Models Except: NTC-290, NTA-855-C-380, NTC-250		
AR-11813	Kit, cylinder		
AR-11317	Kit, clyinder liner	1	
183049	Ring, liner packing	1	
213740	Liner, cylinder	1	
215090	Seal, crevice	1	
215091	Ring, packing	1	
970325	Literature	1	
AR-11671	Set, Service ring	1	
132880	Ring, piston	1	
147670	Ring, compression	1	
214730	Ring, compression	1	
218732	Piston ring	1	
966758	Literature	1	
AR-11786	Piston & Pin Assembly	1	
61908	Ring, piston pin snap	2	
191970	Pin, piston	1	
215420	Piston	1	
	NTC-290		
AR-12160	Kit, cylinder	1	
AR-11317	Kit, cylinder liner	1	
183049	Ring, liner packing	1	
213740	Liner, cylinder	1	
215090	Seal, crevice	1	
215091	Ring, packing	1	
970325	Literature	1	
AR-11671	Set, Service Ring	1	
132880	Ring, piston	1	
147670	Ring, compression	1	
214730	Ring, compression	1	
218732	Piston ring	1	
966758	Literature	1	
AR-12133	Piston and pin	1	
61908	Ring, piston pin snap	2	
191970	Pin, piston	1	
216020	Piston	1	
	NTC-250		
AR-45442	Kit, cylinder		
AR-11317	Kit, cylinder liner	1	
183049	Ring, liner packing	1	
213740	Liner, cylinder	1	
215090	Seal, crevice	1	
215091	Ring, packing	1	
970325	Literature	1	
AR-11671	Set, Service Ring	1	
132880	Ring, piston	1	
147670	Ring, compression	1	
214730	Ring, compression	1	
218732	Piston ring	1	
966758	Literature	1	
AR-12548	Piston and Pin	1	
61908	Ring, piston pin snap	2	
191970	Pin, piston	1	
219110	Piston	1	
	NTA-855-C-380		
AR-11212	Kit, cylinder	1	
AR-11317	Kit, cylinder liner	1	
183049	Ring, liner packing	1	
213740	Liner, cylinder	1	
215090	Seal, crevice	1	
215091	Ring, packing	1	
970325	Literature	1	
AR-11671	Set, Service Ring	1	
132880	Ring, piston	1	
147670	Ring, compression	1	
214730	Ring, compression	1	
218732	Piston, oil control	1	
966758	Literature	1	
AR-11220	Piston and pin	1	
61908	Ring, piston pin snap	2	
191970	Pin, piston	1	
218520	Piston	1	

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