



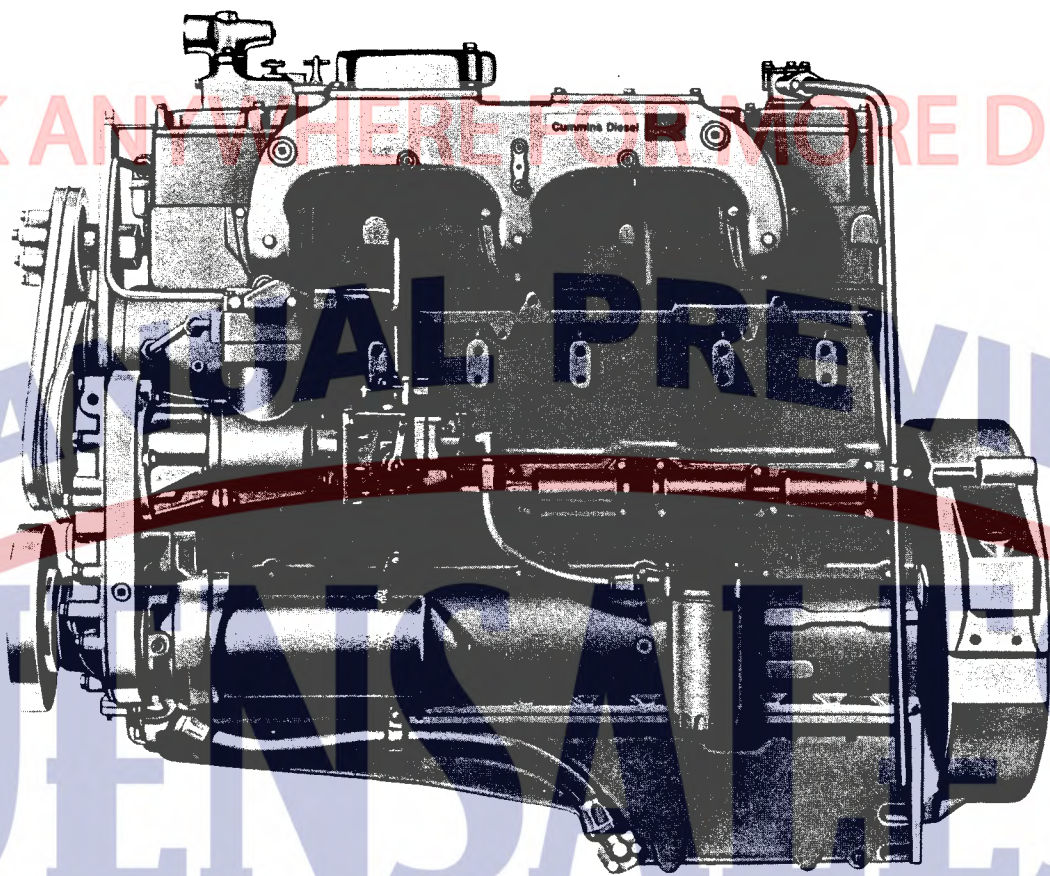
Parts Manual

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CUM-P-855 SER



Parts Ordering for: NT 5½" Bore, 855 Series

Genuine Cummins Parts and service facilities are worldwide. There are more than 1600 Cummins Sales and Service locations in the principal cities of the United States and Canada, and more than 300 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!

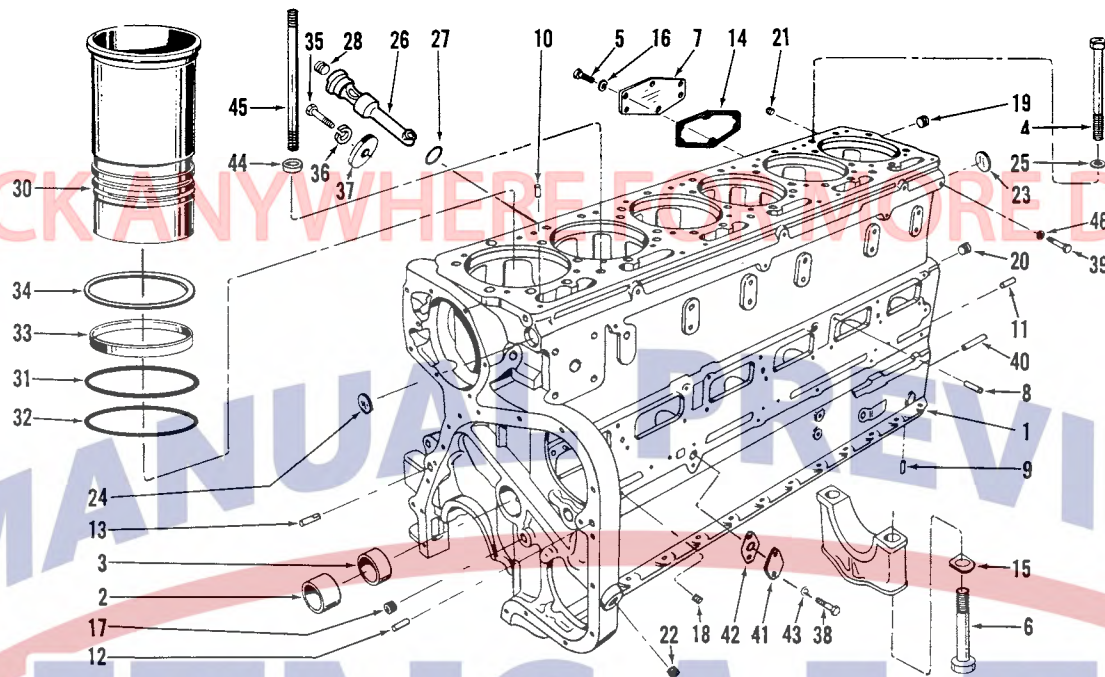
YOU OWN THE BEST . . . REPAIR WITH THE BEST

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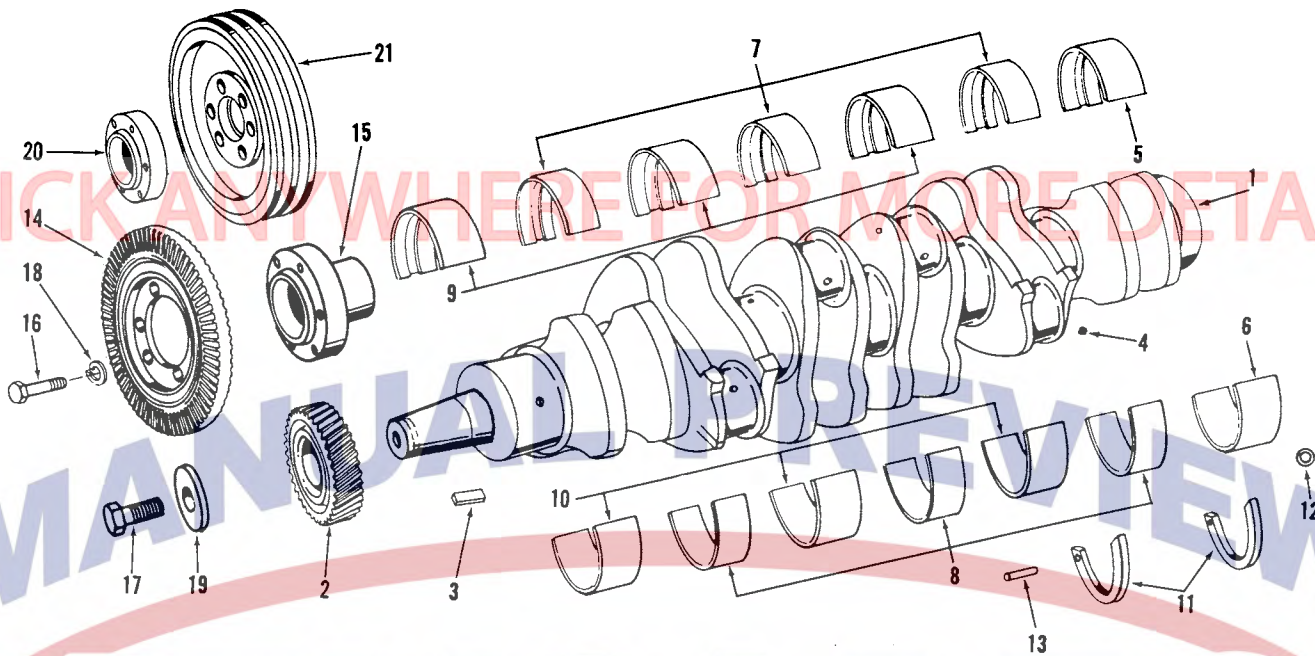


PISTON COOLED

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.
CYLINDER BLOCK							
AR-02162	Block, cylinder (180905)	1	1	BM-57272	Nozzle, piston cooling assembly	6	35
BM-27253	Bushing, assembly, camshaft	1		S-102-A	Capscrew (5/16"-24 x 3/4")	6	26
100670	Bushing	1	2	153999	Nozzle	6	27
157870	Bushing	6	3	148296	"O" ring	6	28
177734	Capscrew, cylinder head	36	4	S-911-B	Plug, pipe (1/8")	6	36
S-114	Capscrew, water header cover	12	5	S-605	Lockwasher (5/16")	6	37
105953	Capscrew, main bearing cap	14	6	146161	Washer	6	
132019	Cover, water header	2	7	MOUNTING PARTS			
68585	Dowel, cam follower housing to block	6	8				
67211	Dowel, main bearing cap to block	2	9	S-129	Capscrew (3/8"-24 x 1")	2	38
68445	Dowel, head to block	6	10	S-190-C	Capscrew (3/8"-24 x 5/8")	1	39
9226	Dowel, flywheel housing	1	11	64790	Dowel, rear cover plate	2	40
60408	Dowel, gear cover	1	12	132648	Flange, oil pan	1	41
70653	Dowel, gear cover (Diamond)	1	13	67963	Gasket, suction flange	1	42
70089-1	Gasket, water head cover	2	14	S-604	Lockwasher (3/8")	2	43
9427	Lockplate	14	15	183050	Liner, cylinder	6	30
S-600	Lockwasher, water header cover	12	16	159380	Nameplate	1	
S-908	Plug, pipe (3/8")	6	17	156545	"O" ring	3	44
S-911-B	Plug, pipe (1/8")	4	18	133029	Pipe, lubricating oil	3	45
S-966-E	Plug, pipe (1")	8	19	183048	Ring, packing	6	31
69901	Plug, pipe (1/8")	5	20	183049	Ring, packing	6	32
S-910-B	Plug, pipe (1/4")	3	21	183056	Seal, crevice	6	33
S-915-A	Plug, pipe (1/2")	5	22	S-2286	Screw, nameplate	6	
S-719	Plug, expansion	1	23	S-679	Washer (25/64")	1	46
S-716	Plug, expansion	1	24				
69699	Washer, cylinder head	36	25	143938	Shim, liner (.007")	A/R	34
				143939	Shim, liner (.008")	A/R	34
				143946	Shim, liner (.009")	A/R	34
				143947	Shim, liner (.020")	A/R	34
				143948	Shim, liner (.031")	A/R	34
				143949	Shim, liner (.062")	A/R	34

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



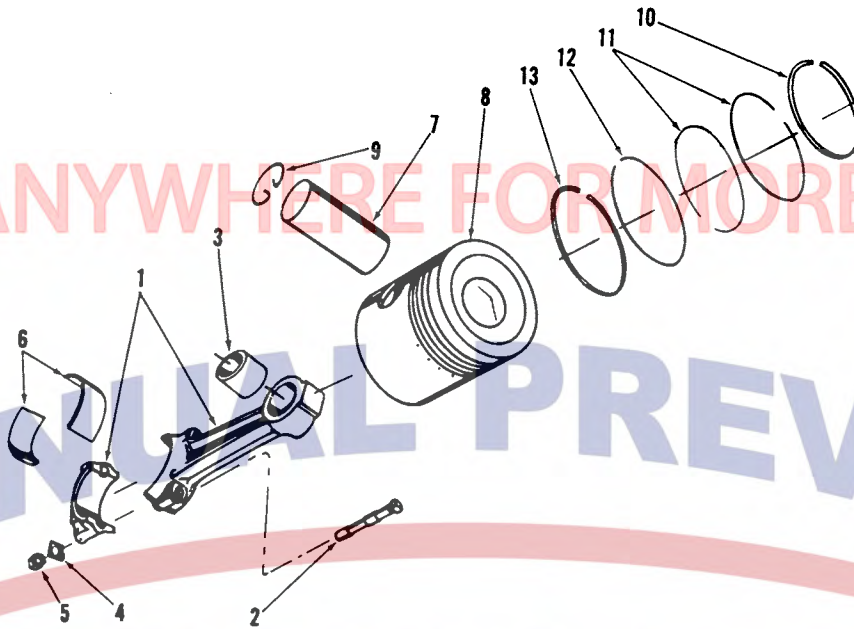
VARIABLE APPLICATIONS

ENGINE APPLICATION	AUTOMOTIVE	X	B - OFF-HIGHWAY	X	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER	X
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PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
CRANKSHAFT				VIBRATION DAMPER			
All Applications				Piston Cooled—B, P Applications Non Piston Cooled—B, C Applications			
AR-06062	Crankshaft assembly	1					
196410	Crankshaft	1	1				
142804	Gear, crankshaft	1	2	145789	Damper, vibration	1	14
9300-1	Key, gear	1	3	175183	Flange, crankshaft	1	15
S-911-B	Plug, pipe (1/8")	6	4	S-163-B	Capscrew (1/2"-20 x 1-1/8")	6	16
AR-07110 *	Set, main bearing	1		S-608	Lockwasher (1/2")	6	18
44387	Shell, main bearing (No. 7, upper)	1	5				
44388	Shell, main bearing (No. 7, lower)	1	6				
44385	Shell, main bearing (No. 2, 4 and 6, upper)	3	7	S-191	Capscrew (1/2"-20 x 2")	6	16
44386	Shell, main bearing (No. 2, 4 and 6, lower)	3	8	154918	Spacer, vibration damper	1	20
44383	Shell, main bearing (No. 1, 3 and 5, upper)	3	9				
44384	Shell, main bearing (No. 1, 3 and 5, lower)	3	10				
157280	Ring, thrust	4	11				
60575	Dowel, ring	7	12	69952	Capscrew (1/2"-20 x 2")	6	16
67294	Dowel, thrust ring	2	13	199934	Pulley, crankshaft	1	21
* Main bearings may be purchased in .010", .020", and .040" undersize.							
MOUNTING PARTS							
140410	Capscrew (3/4"-16 x 1-3/4")	1	17				
140411	Retainer	1	19				

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ALL APPLICATIONS

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

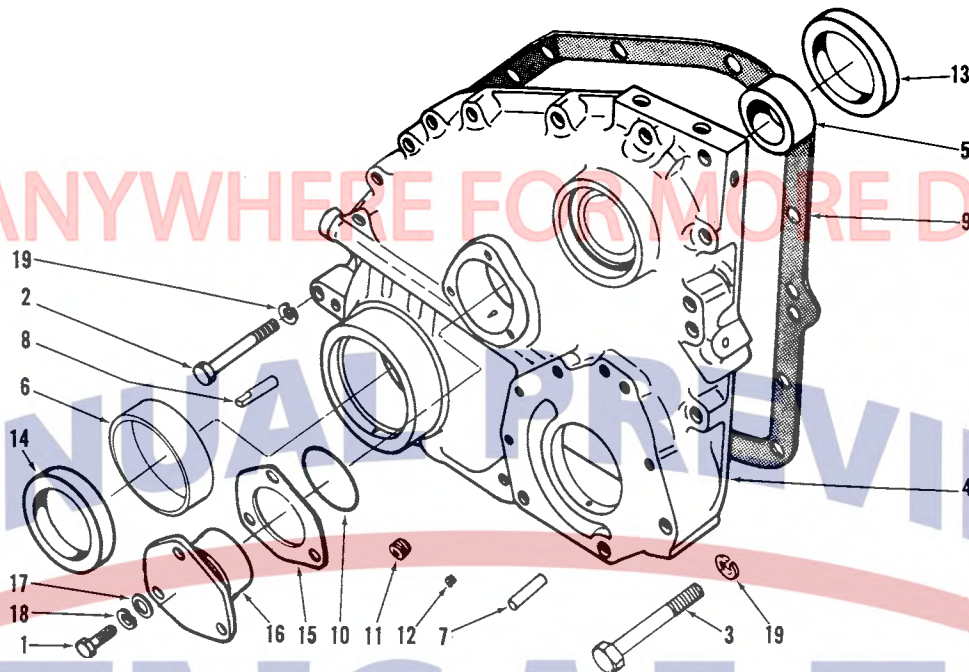
PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
CONNECTING ROD				RINGS			
BM-52474	Connecting rod assembly (121579)	6	1	AR-06390	Ring set, piston (standard)	6	
91953	Bolt, connecting rod	12	2	147670	Ring, compression	6	10
187420	Bushing, piston pin	6	3	132880	Ring, compression	12	11
112611	Lockplate	12	4	168680	Ring, compression	6	12
69936	Nut	12	5	194610	Ring, compression	6	13
139620	* Shell, connecting rod bearing	12	6				
PISTON							
AR-06690	Piston assembly	6					
191970	Pin, piston	6	7				
200390	Piston	6	8				
61908	Ring, snap	6	9				
* Connecting rod bearing shells may be purchased in .010", .020", .030" and .040" undersize.							

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ENGINE APPLICATION	AUTOMOTIVE	B - OFF-HIGHWAY	C - CONSTRUCTION & INDUSTRIAL	X	P - INDUSTRIAL POWER
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PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.	PART NUMBER	PART NAME	NO. REQ'D.	REF. NO.
GEAR CASE COVER							
S-112	Capscrew (3/8"-16 x 1")	3	1				
S-131-C	Capscrew (7/16"-20 x 2-1/2")	5	2				
100915	Capscrew (7/16"-20 x 2")	12	3				
BM-79818	Cover, gear case (161199)	1	4				
68226-1	Bushing, trunnion	1	6				
132770	Bushing	1	5				
60408	Dowel	1	7				
70653	Dowel	1	8				
199327	Gasket, gear cover	1	9				
S-604	Lockwasher (3/8")	3	18				
S-610	Lockwasher (7/16")	17	19				
65260	Packing	1	10				
S-908	Plug, pipe (3/8")	3	11				
69901	Plug, pipe (1/8")	2	12				
149488	Seal, oil	1	13				
187653	Seal, crankshaft oil	1	14				
AR-01176	Shim, assembly camshaft thrust	1					
185573	Shim, insert	1	17				
68259-A	Shim (.010")	A/R	15				
65259-B	Shim (.005")	A/R	15				
65259-C	Shim (.002")	A/R	15				
150002	Support, crankshaft	1	16				
S-602	Washer, plain (13/32")	3	17				

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