

US00D494191S1

(12) **United States Design Patent**
Aketa et al.

(10) **Patent No.:** **US D494,191 S**

(45) **Date of Patent:** **** Aug. 10, 2004**

(54) **INTERNAL COMBUSTION ENGINE**

(75) Inventors: **Masahiro Aketa**, Osaka (JP); **Wataru Iwanaga**, Osaka (JP); **Yuzo Umeda**, Osaka (JP); **Hiroyuki Anami**, Osaka (JP)

(73) Assignee: **Kubota Corporation**, Osaka (JP)

(**) **Term:** **14 Years**

(21) **Appl. No.:** **29/175,206**

(22) **Filed:** **Jan. 31, 2003**

(30) **Foreign Application Priority Data**

Aug. 6, 2002	(JP)	.....	2002-020941
Aug. 6, 2002	(JP)	.....	2002-020945
Aug. 6, 2002	(JP)	.....	2002-020946
Aug. 6, 2002	(JP)	.....	2002-020947
Aug. 6, 2002	(JP)	.....	2002-020948
Aug. 6, 2002	(JP)	.....	2002-020949
Aug. 6, 2002	(JP)	.....	2002-020954
Aug. 6, 2002	(JP)	.....	2002-020955
Aug. 6, 2002	(JP)	.....	2002-020956
Aug. 6, 2002	(JP)	.....	2002-020957
Aug. 6, 2002	(JP)	.....	2002-020958
Aug. 6, 2002	(JP)	.....	2002-020959
Aug. 6, 2002	(JP)	.....	2002-020960
Aug. 6, 2002	(JP)	.....	2002-020961
Aug. 6, 2002	(JP)	.....	2002-020962

(51) **LOC (7) Cl.** **15-01**

(52) **U.S. Cl.** **D15/1**

(58) **Field of Search** D15/1, 3, 5; 123/195.3, 123/198 E, 306, 308, 657, 661, 667, 90.31, 90.32

(56) **References Cited**

U.S. PATENT DOCUMENTS

D275,198 S	*	8/1984	Yokota et al.	.....	D15/1
D280,200 S		8/1985	Iwakura et al.		
D293,114 S	*	12/1987	Brogdon	.....	D15/1
D309,457 S		7/1990	Eifert et al.		
D309,458 S	*	7/1990	Johnson et al.	.....	D15/1
D330,897 S	*	11/1992	Carlson et al.	.....	D15/1

5,740,774 A	*	4/1998	Kennedy	.....	123/198 E
D401,596 S	*	11/1998	Yukami	.....	D15/1
D406,146 S		2/1999	Kobayashi		
D444,478 S		7/2001	Shimizu		
D449,620 S		10/2001	Feuling		
D453,522 S		2/2002	Maeda et al.		
D457,891 S		5/2002	Matre		
6,382,174 B1	*	5/2002	Nezu et al.	.....	123/198 E
D465,498 S	*	11/2002	Geffert	.....	D15/1
D466,906 S	*	12/2002	Francis	.....	D15/1
D468,687 S	*	1/2003	Hamada et al.	.....	D13/113
6,612,275 B2	*	9/2003	Immel et al.	.....	123/90.31

* cited by examiner

Primary Examiner—Melody N. Brown

(74) *Attorney, Agent, or Firm*—Akin Gump Strauss Hauer & Feld, LLP

(57) **CLAIM**

The ornamental design for an internal combustion engine, as shown and described.

DESCRIPTION

FIG. 1 is a front, left side perspective view of a first embodiment of an internal combustion engine in accordance with my new design;

FIG. 2 is a front, right side perspective view of the first embodiment;

FIG. 3 is a rear, left side perspective view of the first embodiment;

FIG. 4 is a rear, right side perspective view of the first embodiment;

FIG. 5 is a front elevational view of the first embodiment;

FIG. 6 is a left side elevational view of the first embodiment;

FIG. 7 is a top view of the first embodiment;

FIG. 8 is a right side elevational view of the first embodiment;

FIG. 9 is a rear elevational view of the first embodiment;

FIG. 10 is a bottom view of the first embodiment;

FIG. 11 is a front, left side perspective view of a second embodiment of the internal combustion engine;

FIG. 12 is a front, right side perspective view of the second embodiment;

FIG. 13 is a rear, left side perspective view of the second embodiment;

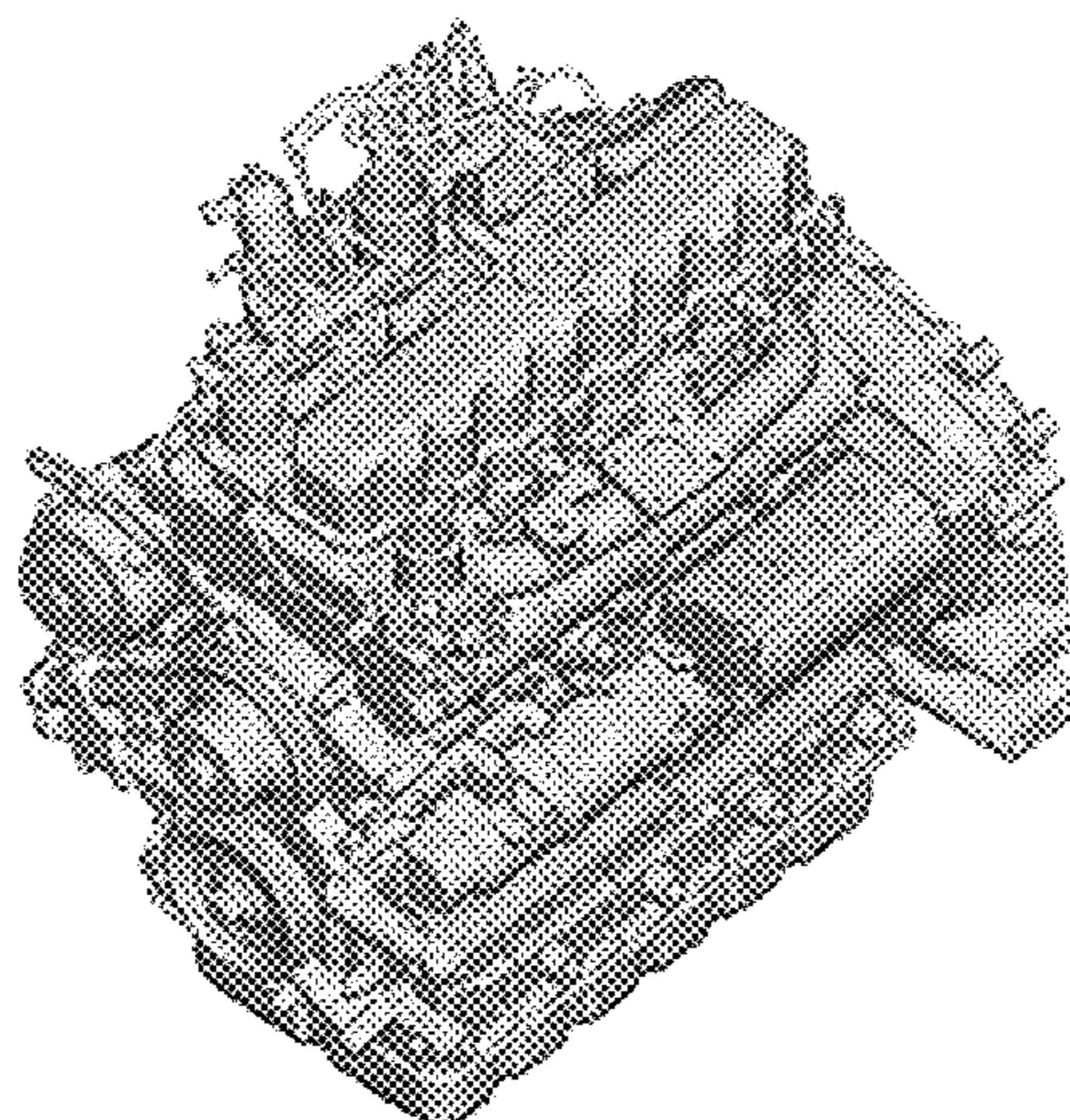


FIG. 14 is a rear, right side perspective view of the second embodiment;
FIG. 15 is a front elevational view of the second embodiment;
FIG. 16 is a left side elevational view of the second embodiment;
FIG. 17 is a top view of the second embodiment;
FIG. 18 is a right side elevational view of the second embodiment;
FIG. 19 is a rear elevational view of the second embodiment;
FIG. 20 is a bottom view of the second embodiment;
FIG. 21 is a front, left side perspective view of a third embodiment of the internal combustion engine;
FIG. 22 is a front, right side perspective view of the third embodiment;
FIG. 23 is a rear, left side perspective view of the third embodiment;
FIG. 24 is a rear, right side perspective view of the third embodiment;
FIG. 25 is a front elevational view of the third embodiment;
FIG. 26 is a left side elevational view of the third embodiment;
FIG. 27 is a top view of the third embodiment;
FIG. 28 is a right side elevational view of the third embodiment;
FIG. 29 is a rear elevational view of the third embodiment;
FIG. 30 is a bottom view of the third embodiment;
FIG. 31 is a front, left side perspective view of a fourth embodiment of the internal combustion engine;
FIG. 32 is a front, right side perspective view of the fourth embodiment;
FIG. 33 is a rear, left side perspective view of the fourth embodiment;

FIG. 34 is a rear, right side perspective view of the fourth embodiment;
FIG. 35 is a front elevational view of the fourth embodiment;
FIG. 36 is a left side elevational view of the fourth embodiment;
FIG. 37 is a top view of the fourth embodiment;
FIG. 38 is a right side elevational view of the fourth embodiment;
FIG. 39 is a rear elevational view of the fourth embodiment;
FIG. 40 is a bottom view of the fourth embodiment;
FIG. 41 is a front, left side perspective view of a fifth embodiment of the internal combustion engine;
FIG. 42 is a front, right side perspective view of the fifth embodiment;
FIG. 43 is a rear, left side perspective view of the fifth embodiment;
FIG. 44 is a rear, right side perspective view of the fifth embodiment;
FIG. 45 is a front elevational view of the fifth embodiment;
FIG. 46 is a left side elevational view of the fifth embodiment;
FIG. 47 is a top view of the fifth embodiment;
FIG. 48 is a right side elevational view of the fifth embodiment;
FIG. 49 is a rear elevational view of the fifth embodiment;
and,
FIG. 50 is a bottom view of the fifth embodiment.
The broken lines in the figures are for illustrative purposes only and form no part of the claimed design.

1 Claim, 25 Drawing Sheets

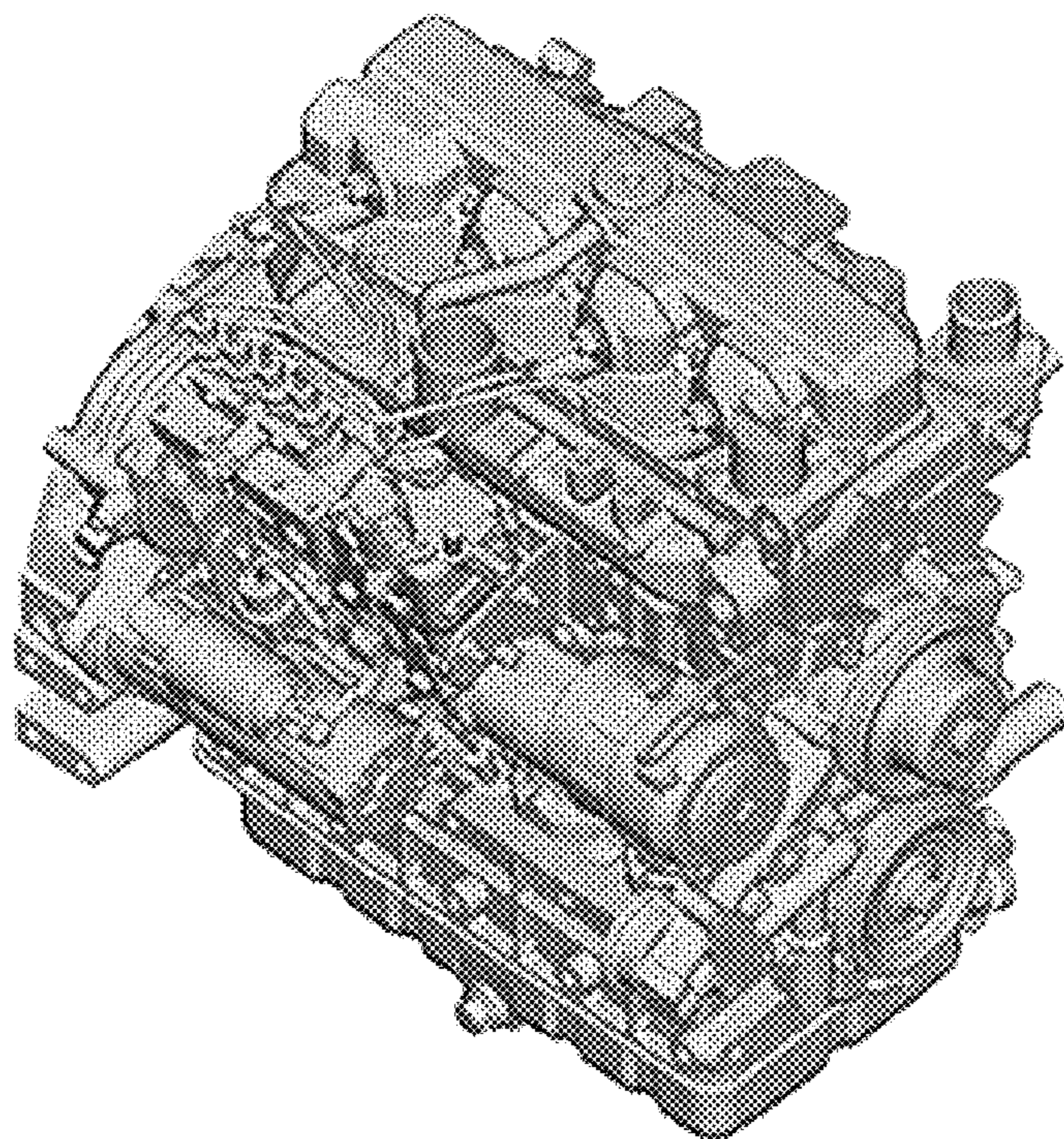


FIG. 1

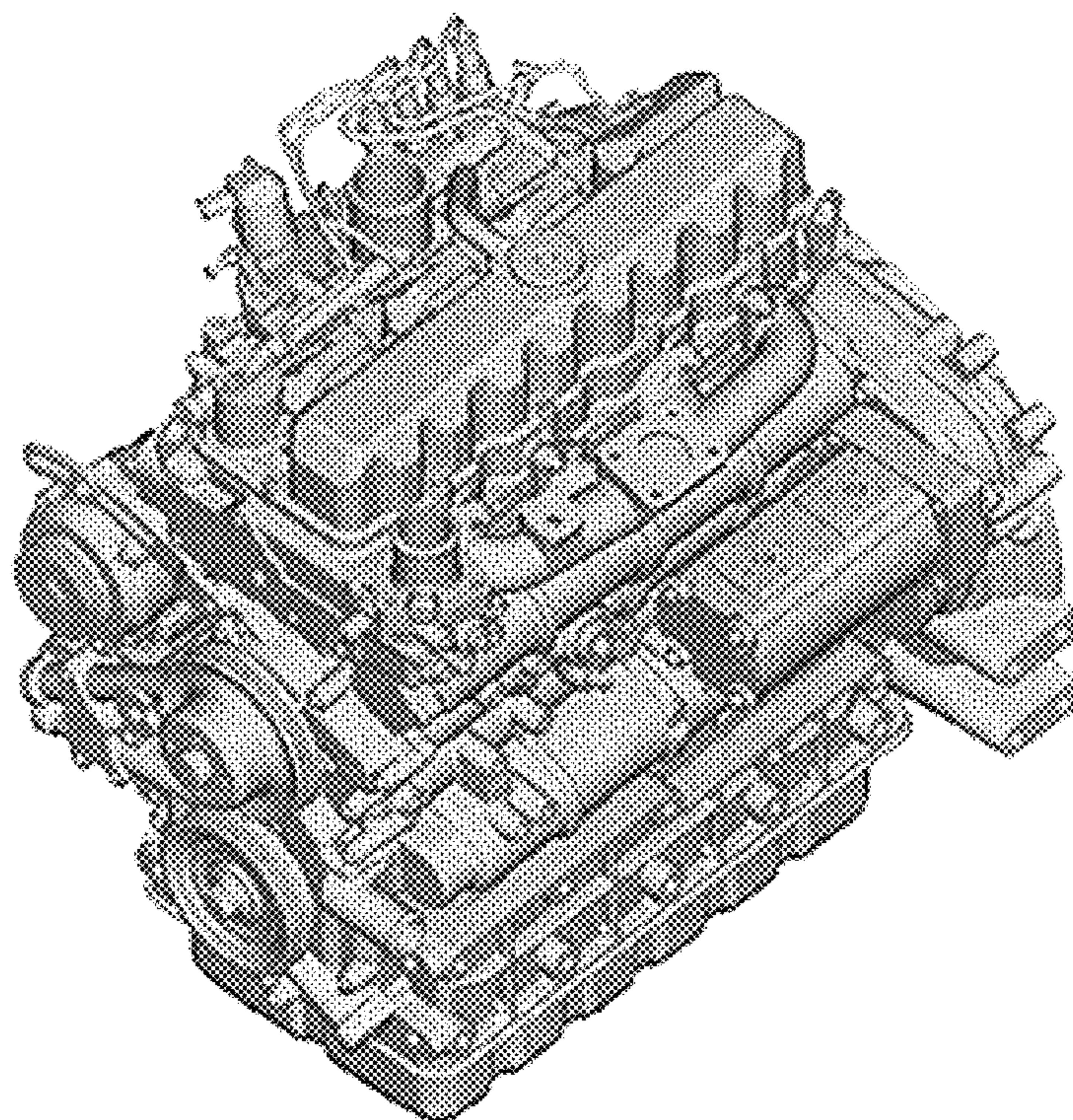


FIG. 2

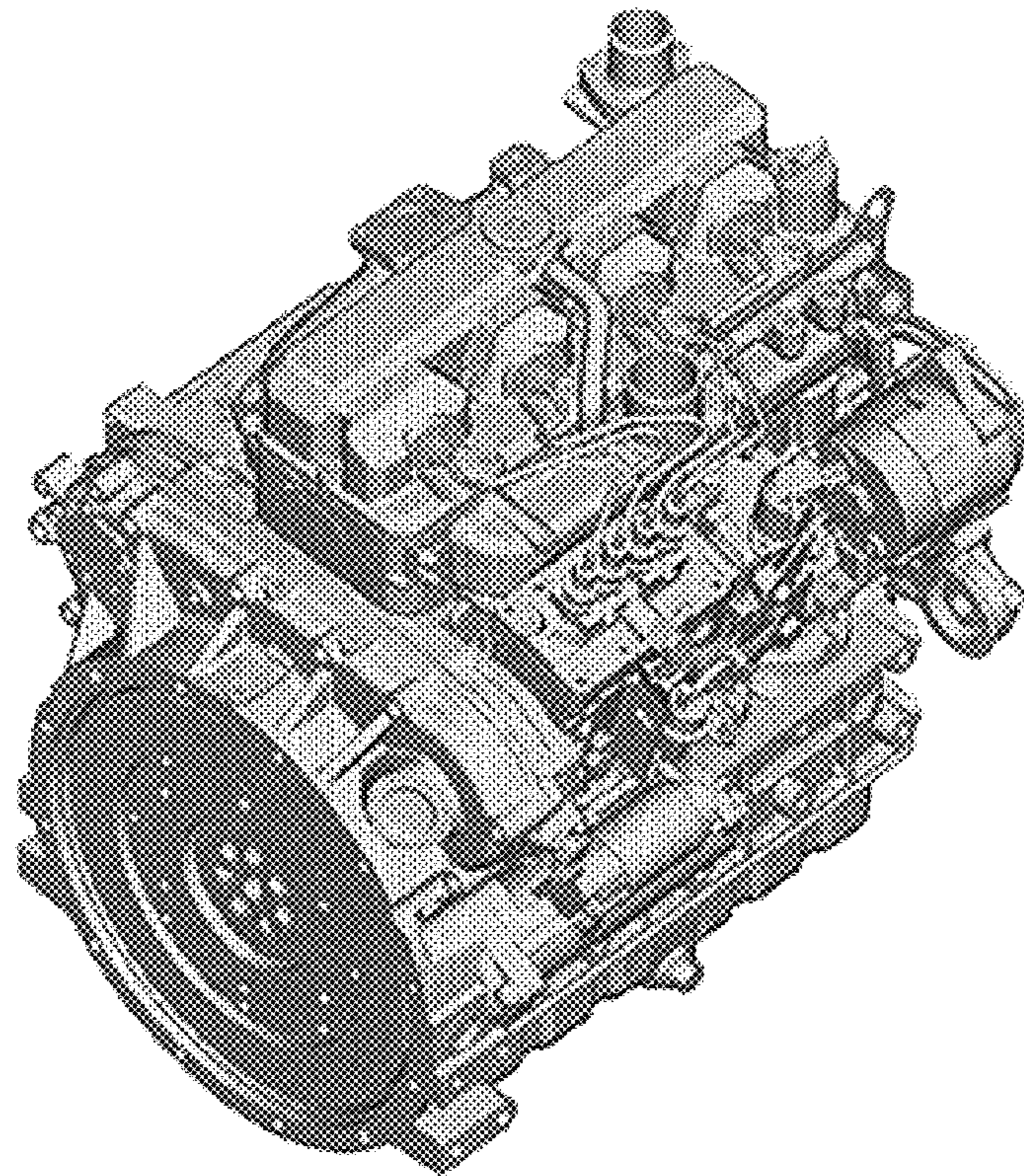


FIG. 3

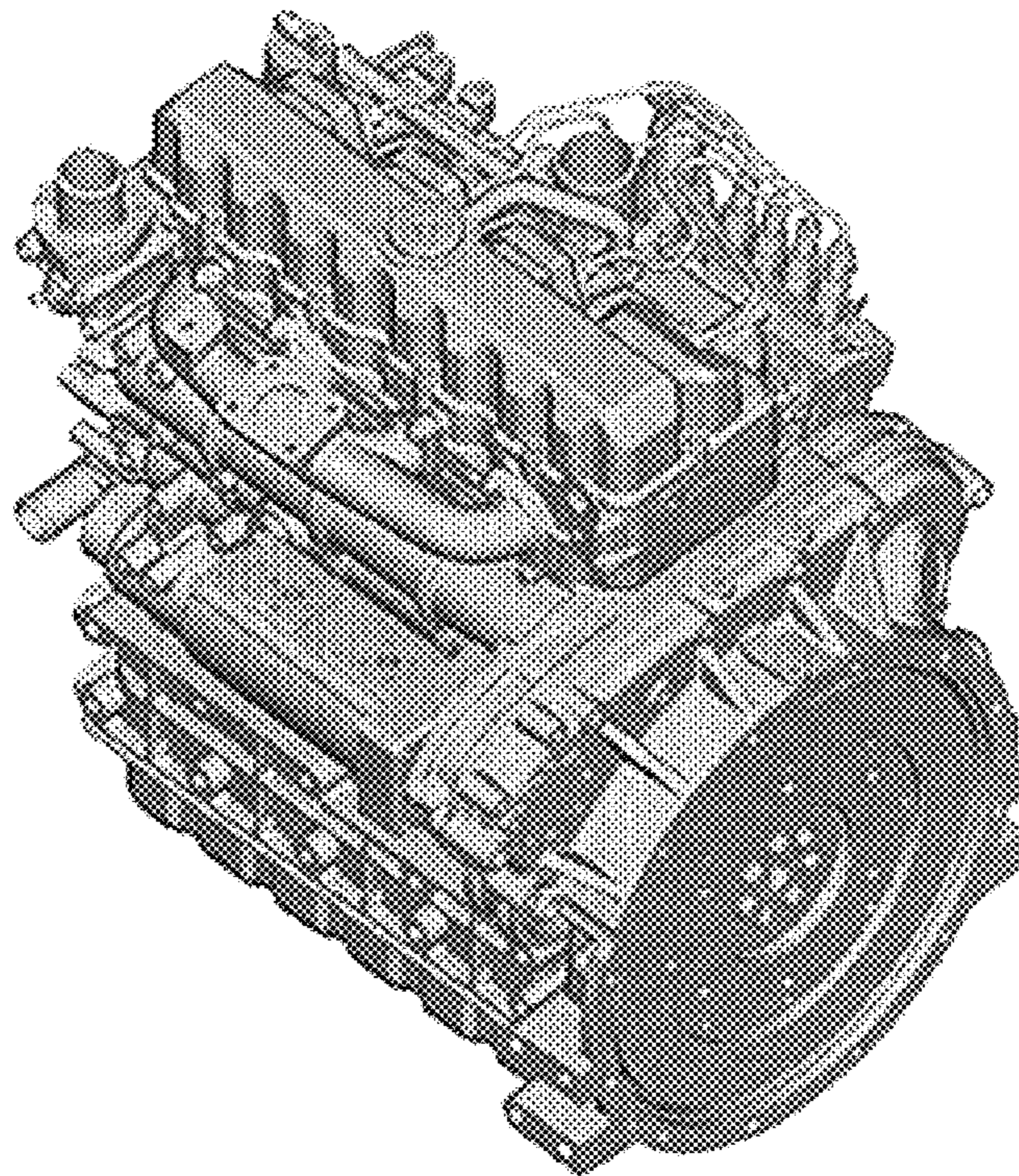


FIG. 4

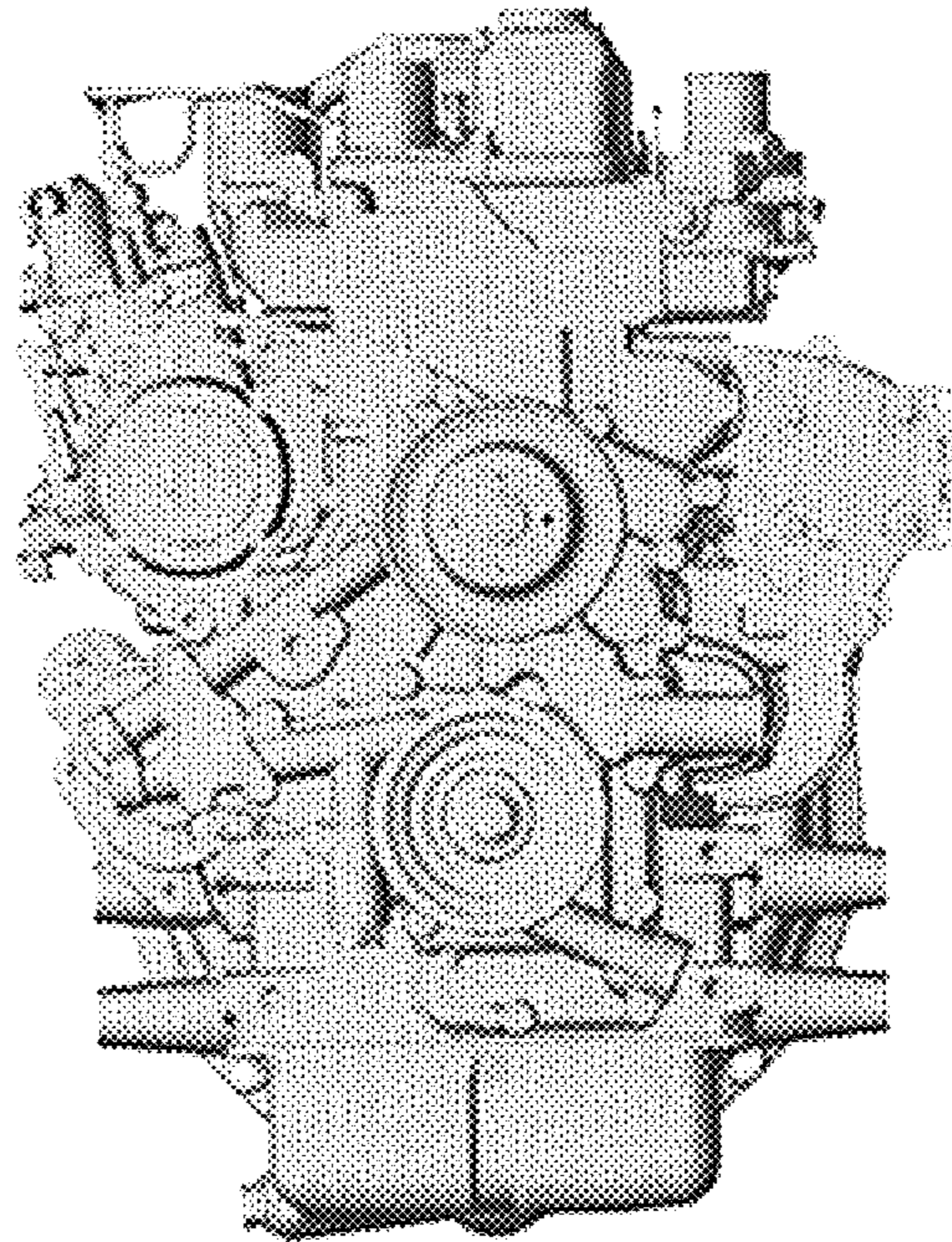


FIG. 5

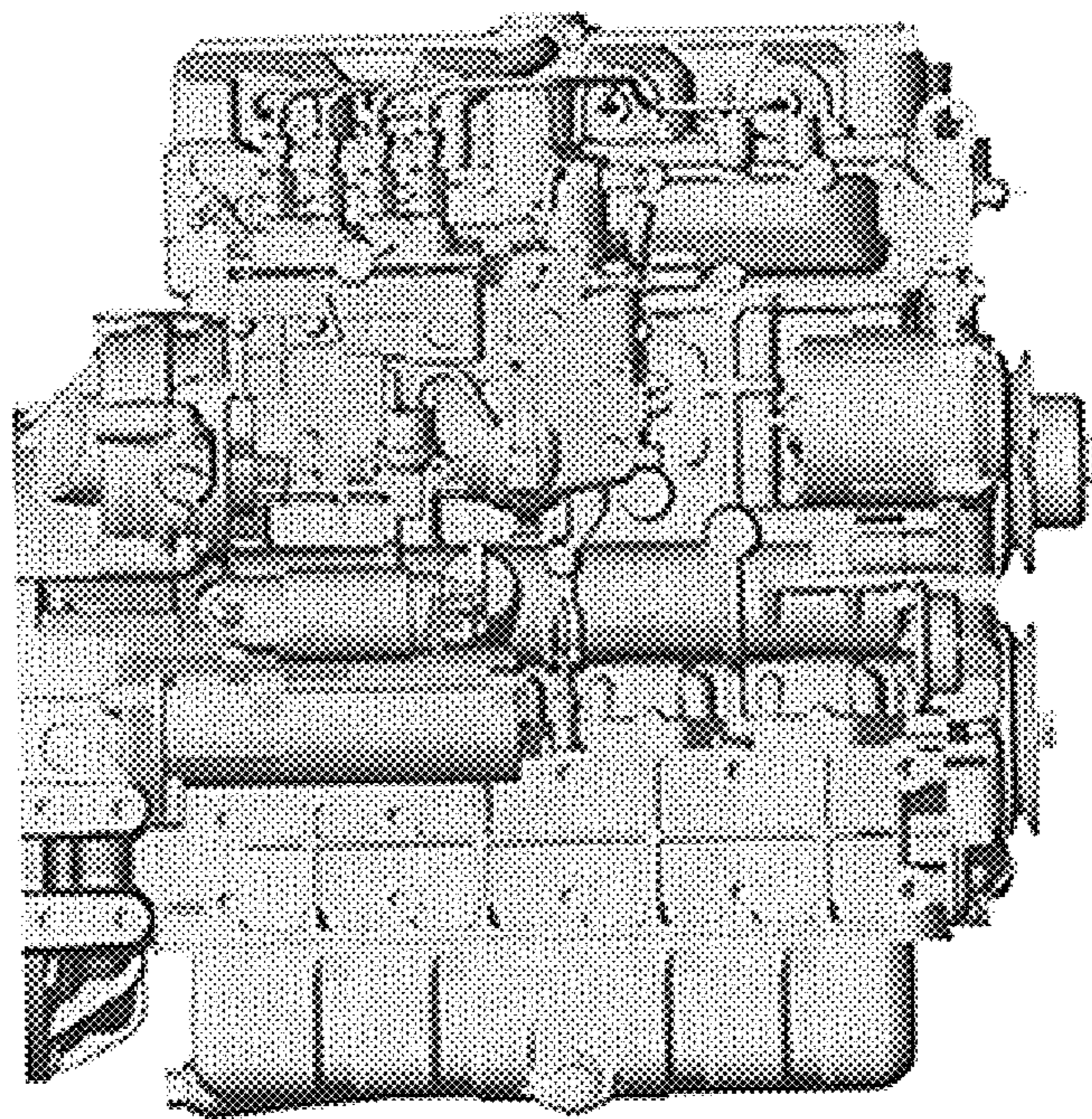


FIG. 6

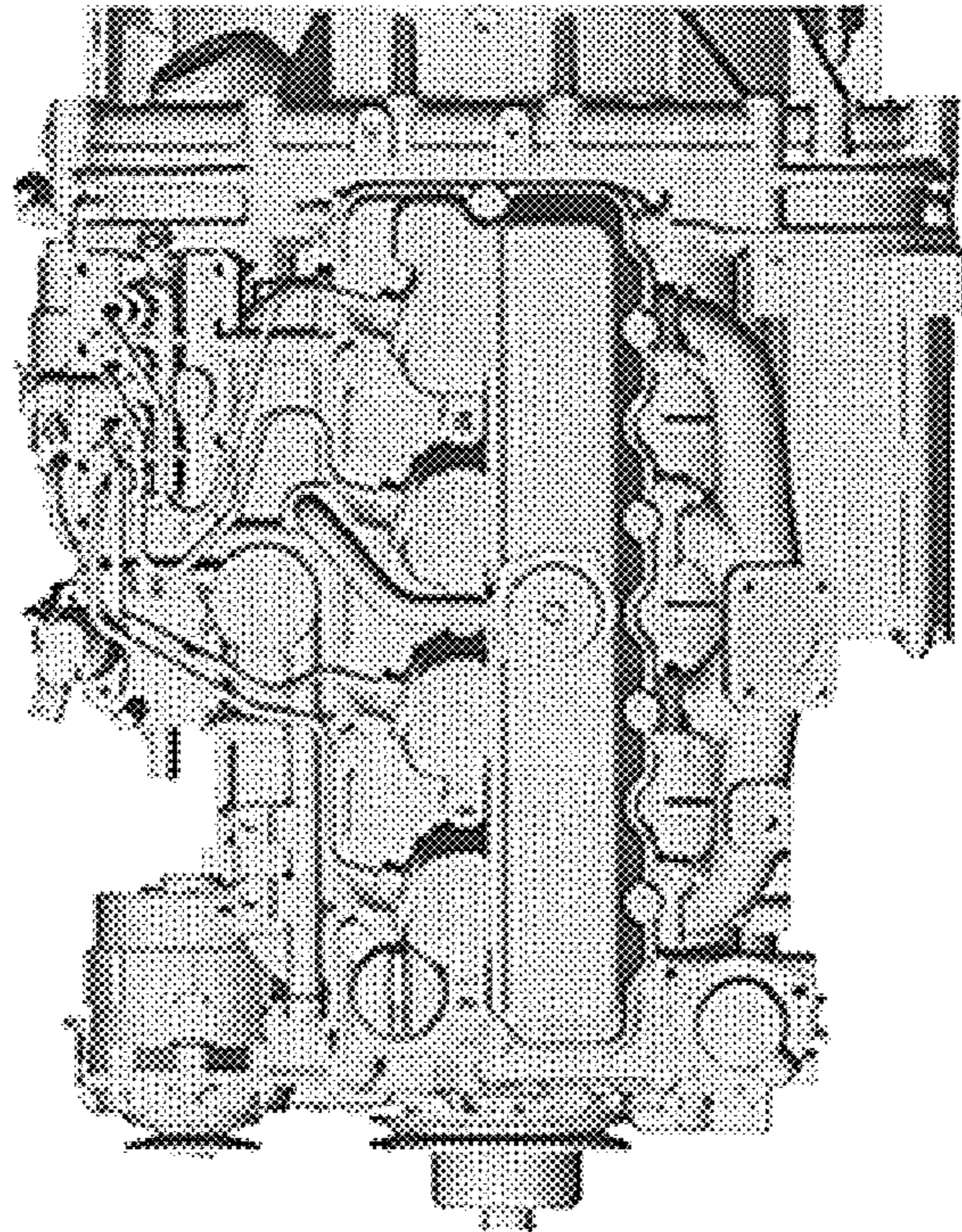


FIG. 7

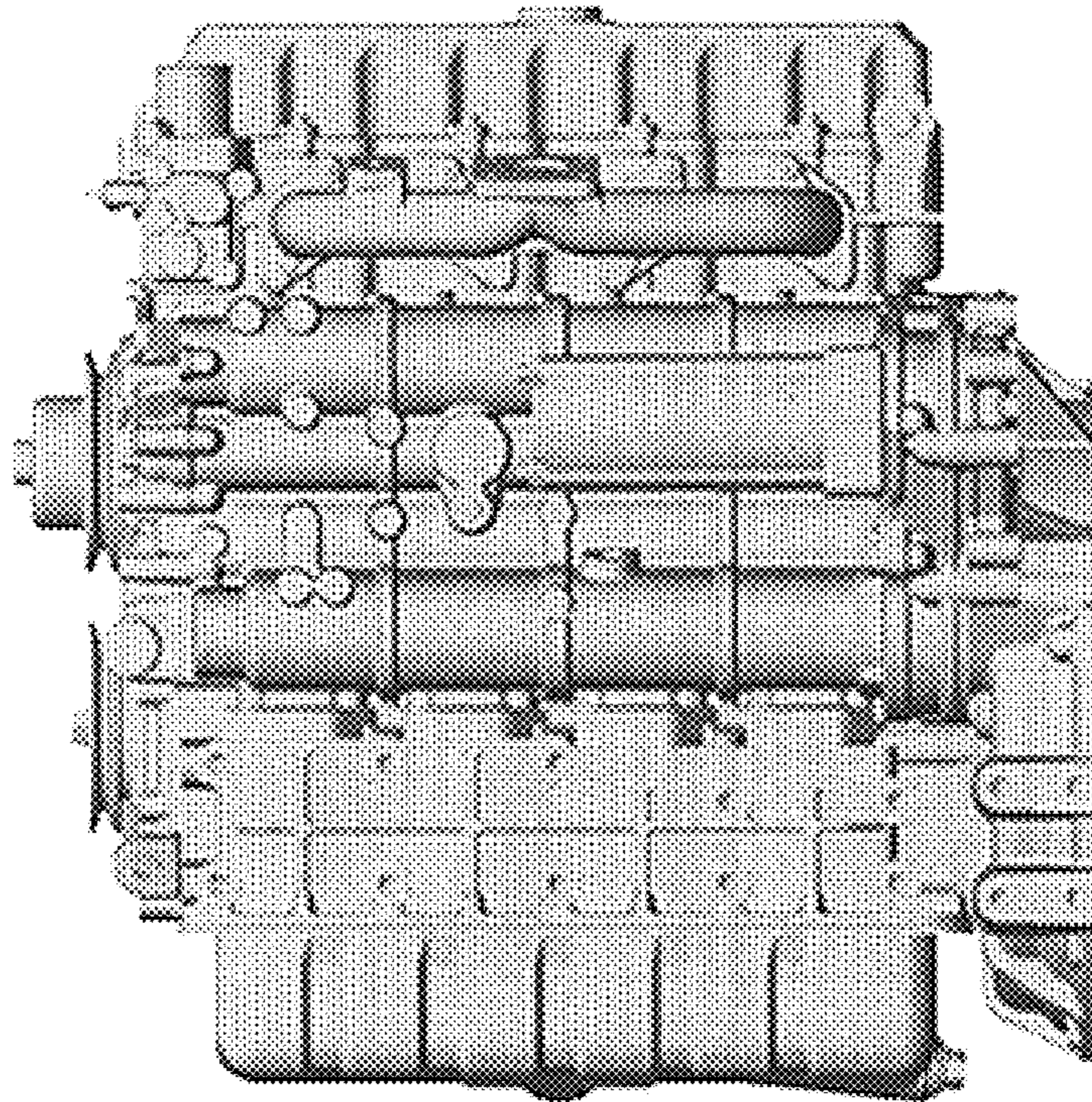


FIG. 8

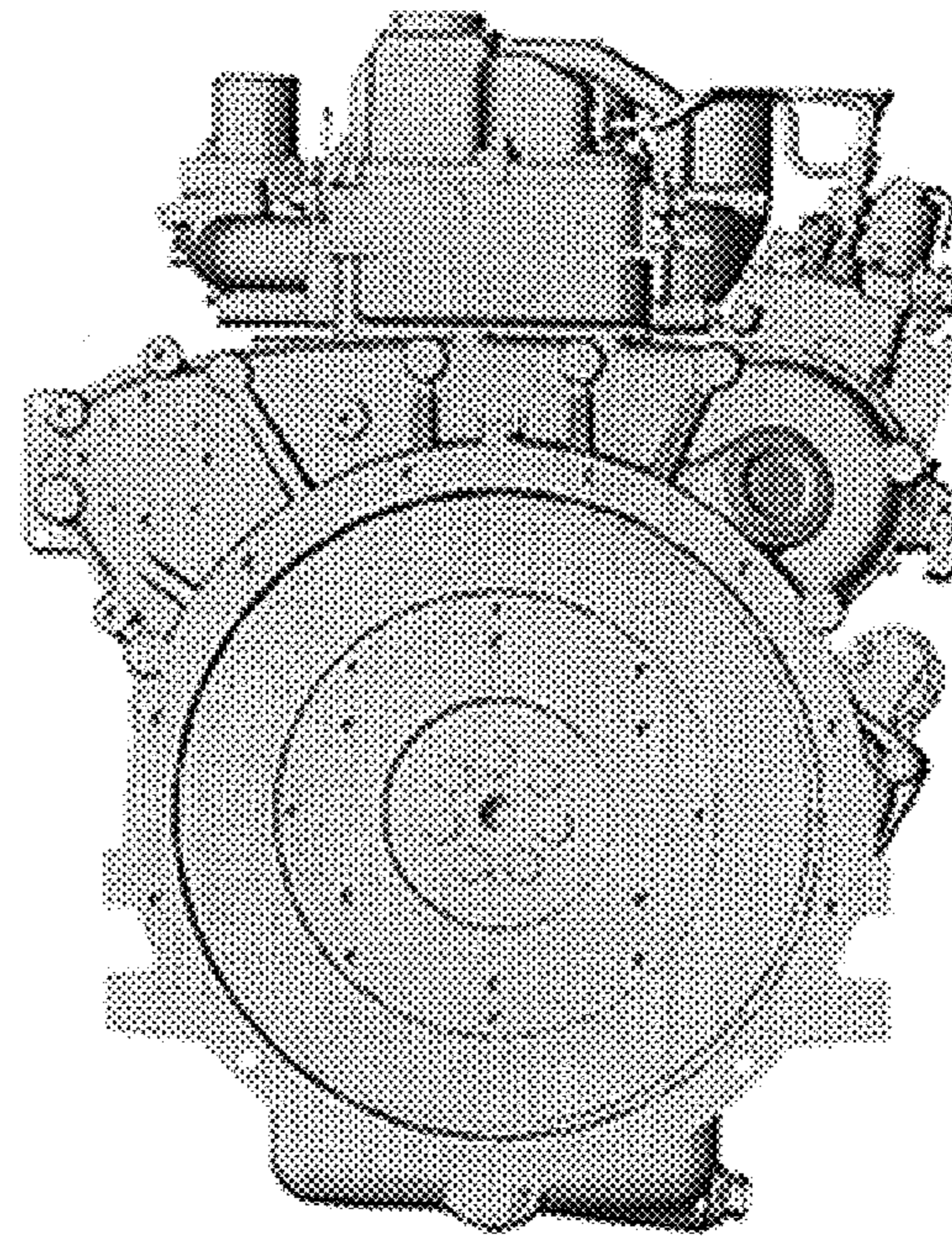


FIG. 9

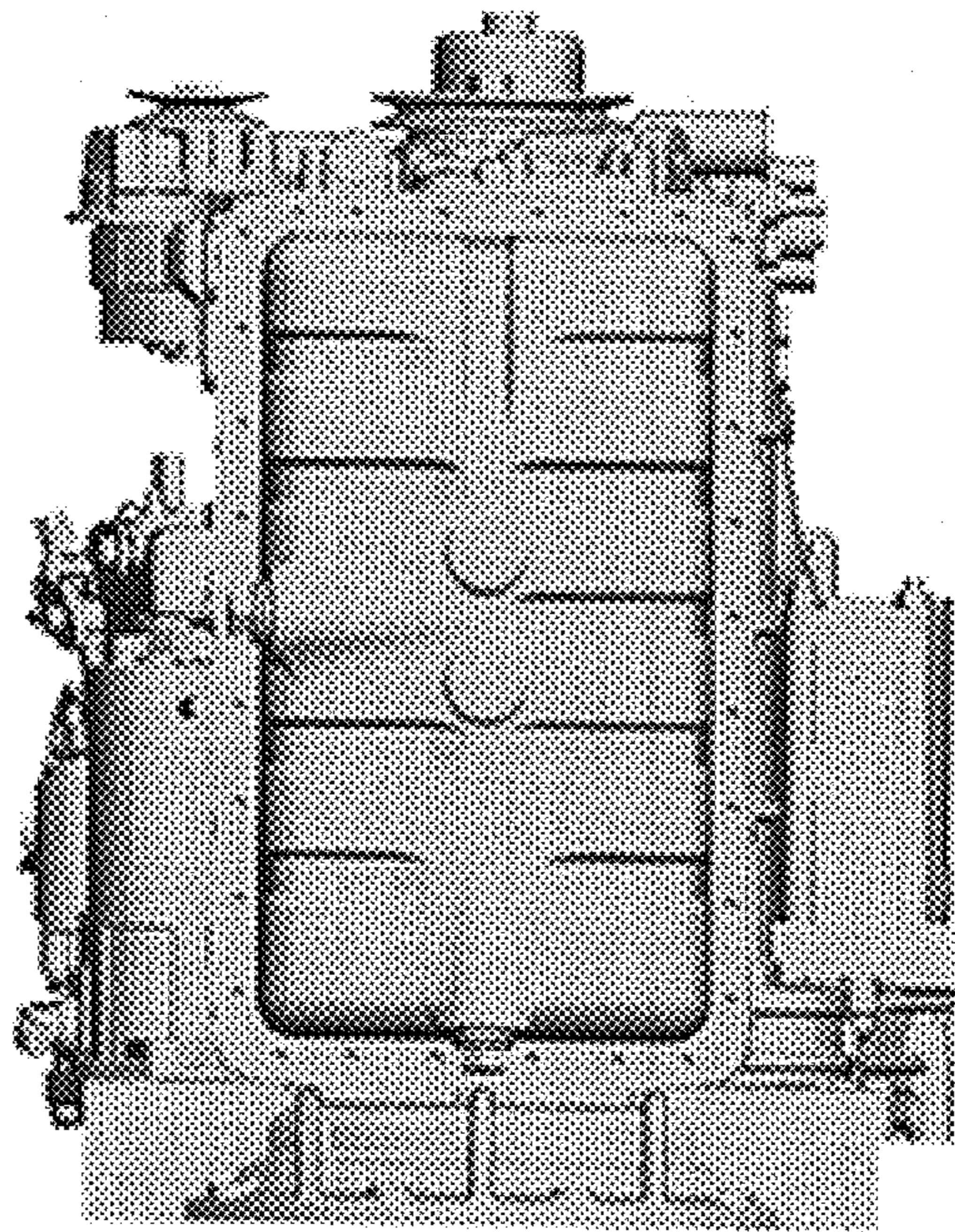


FIG. 10

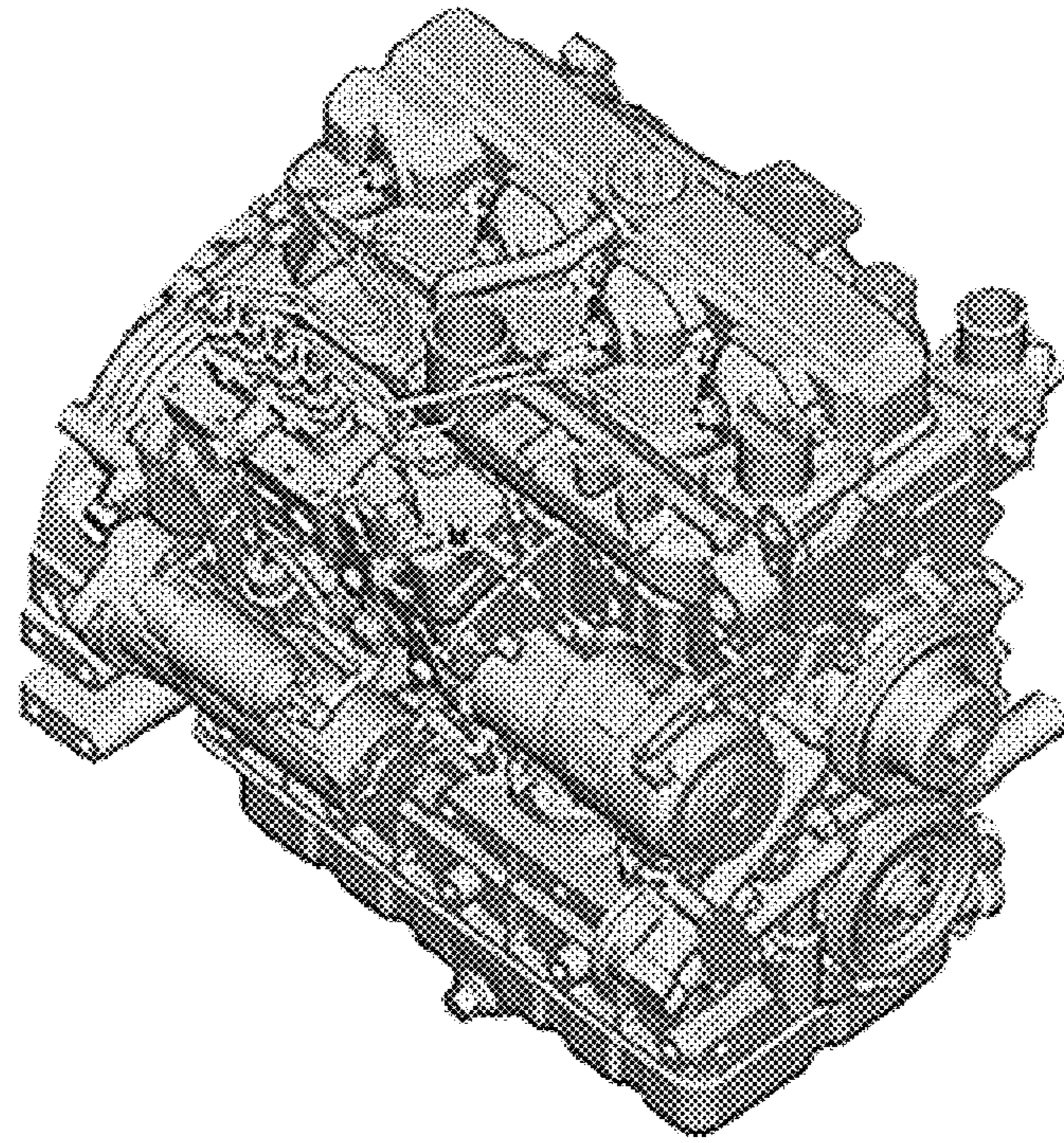


FIG. 11

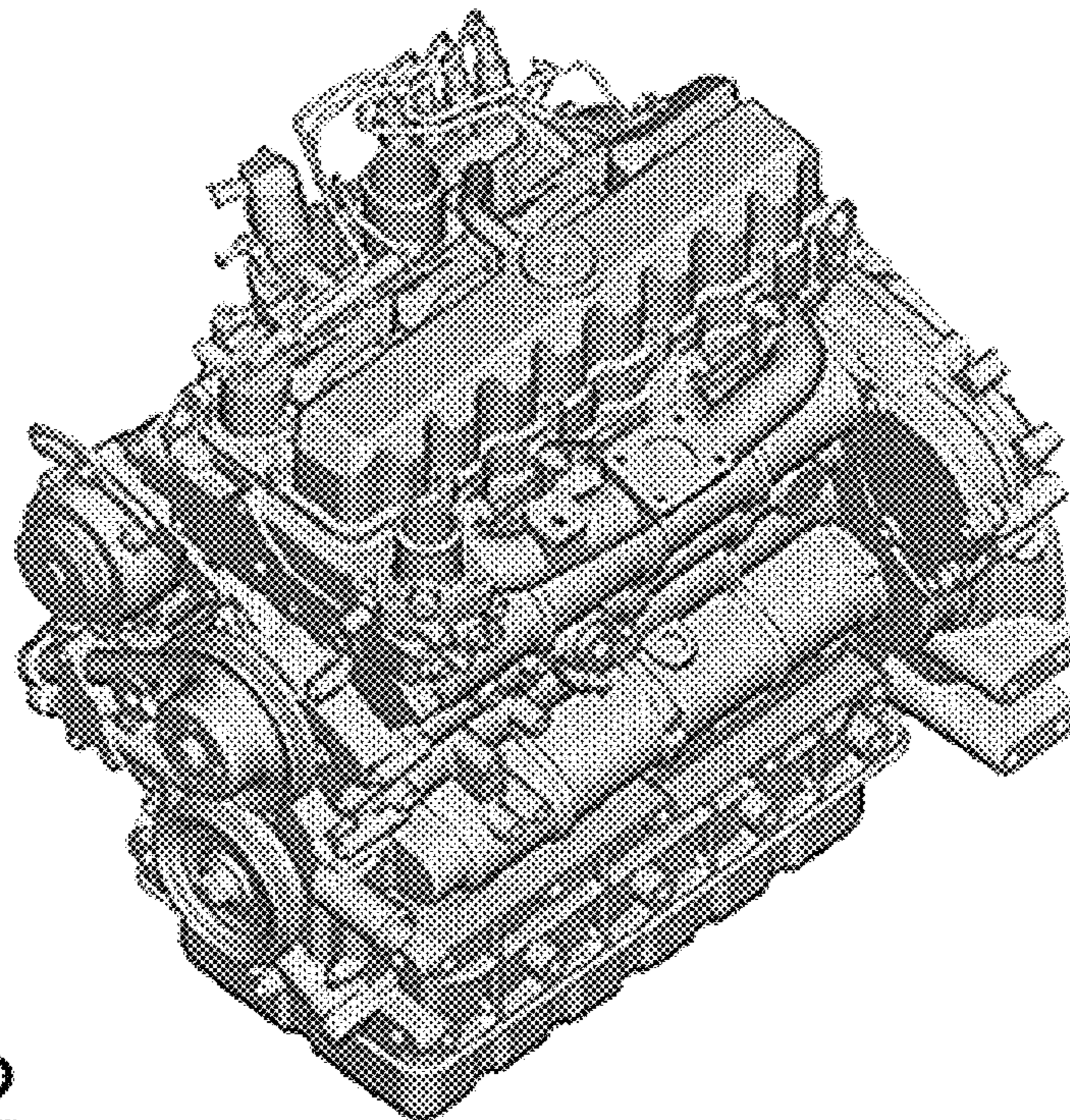


FIG. 12

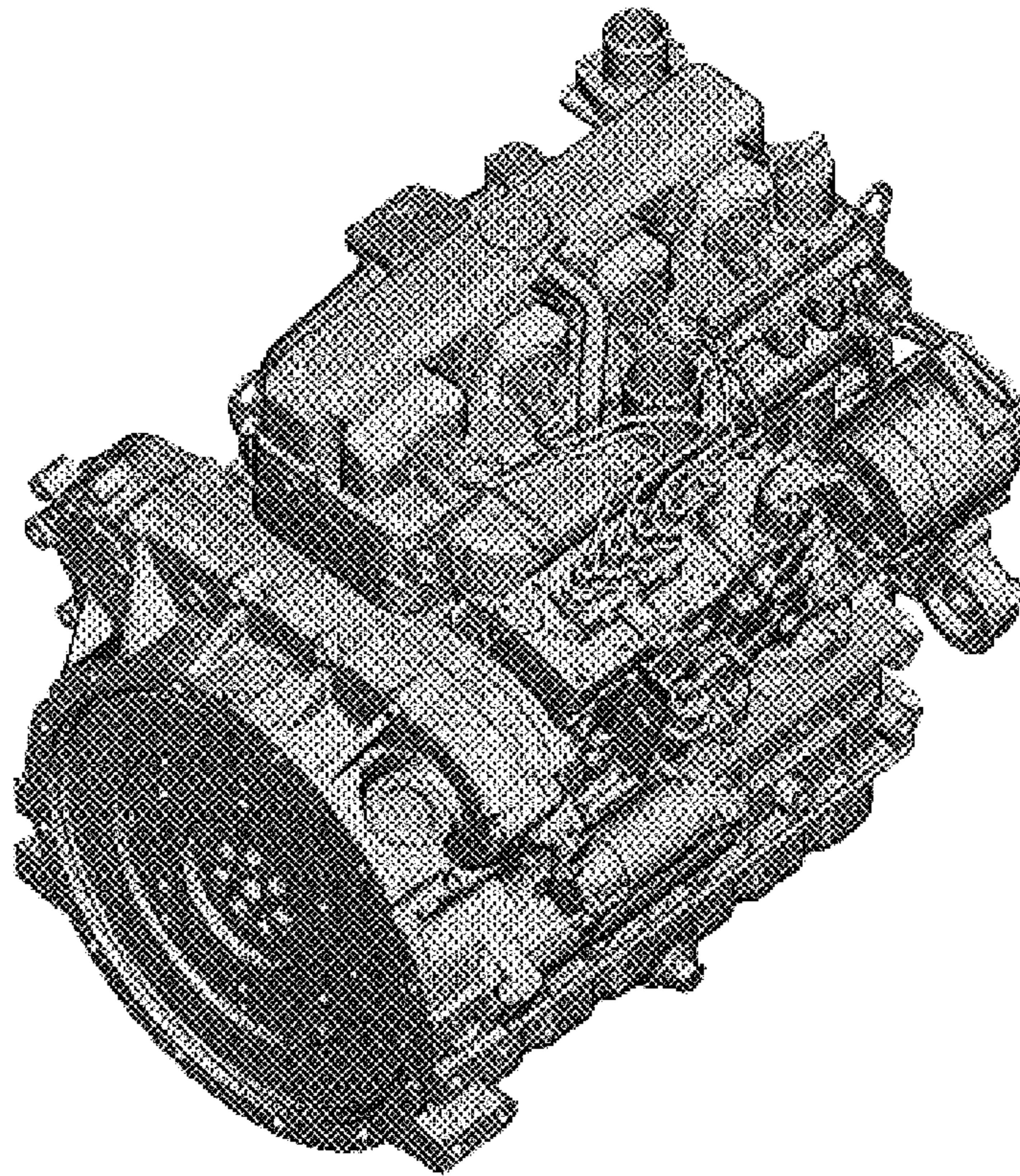


FIG. 13

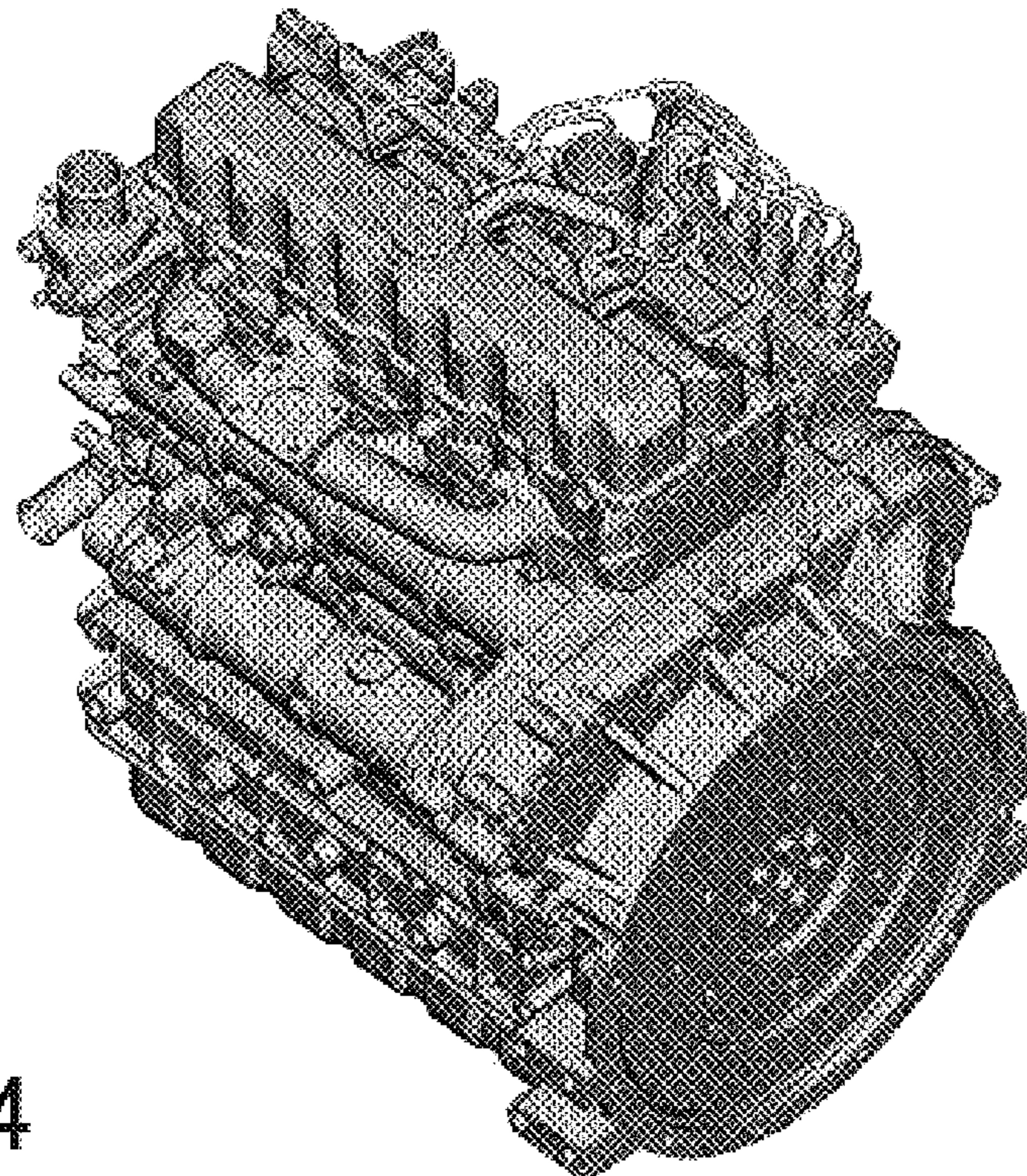


FIG. 14

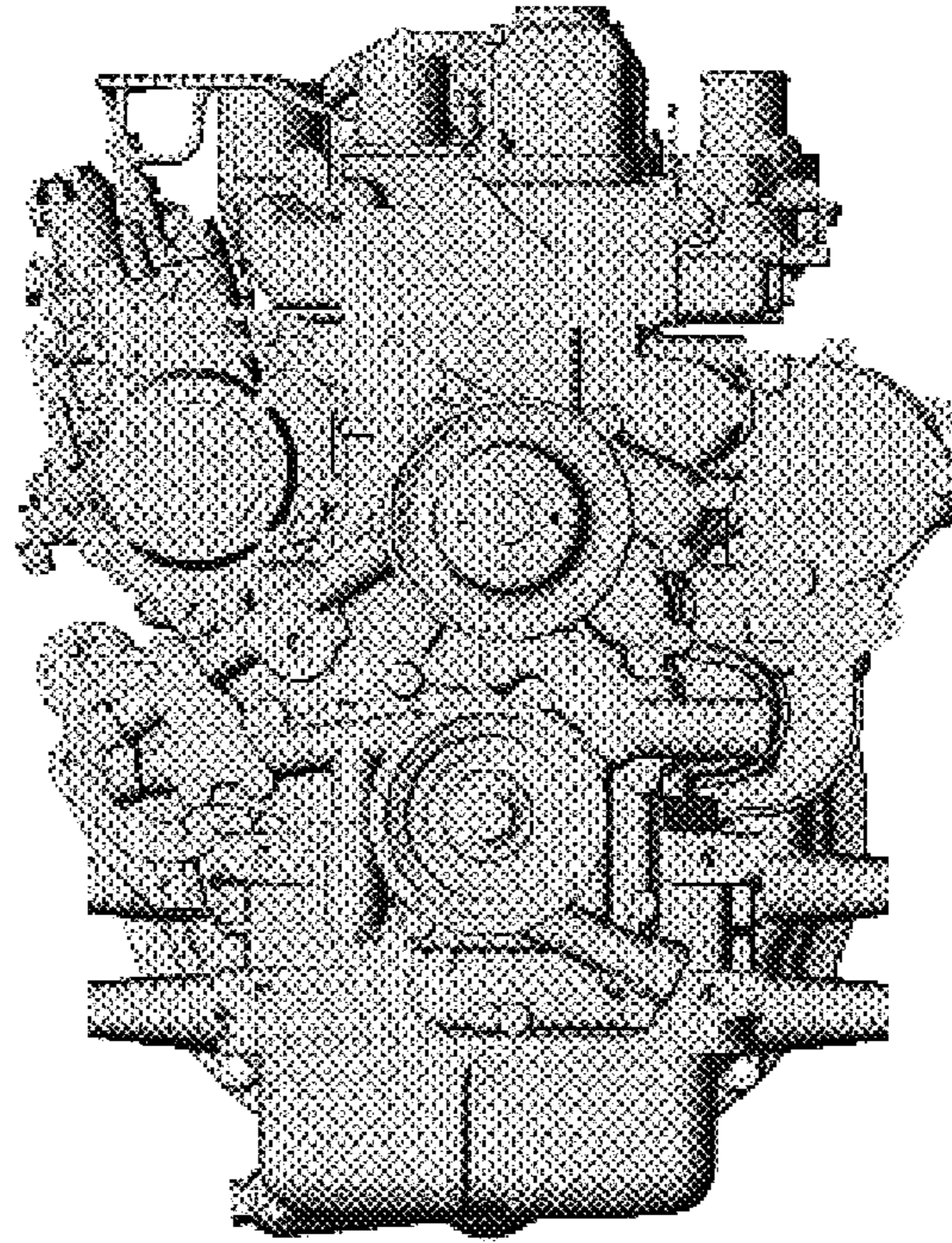


FIG. 15

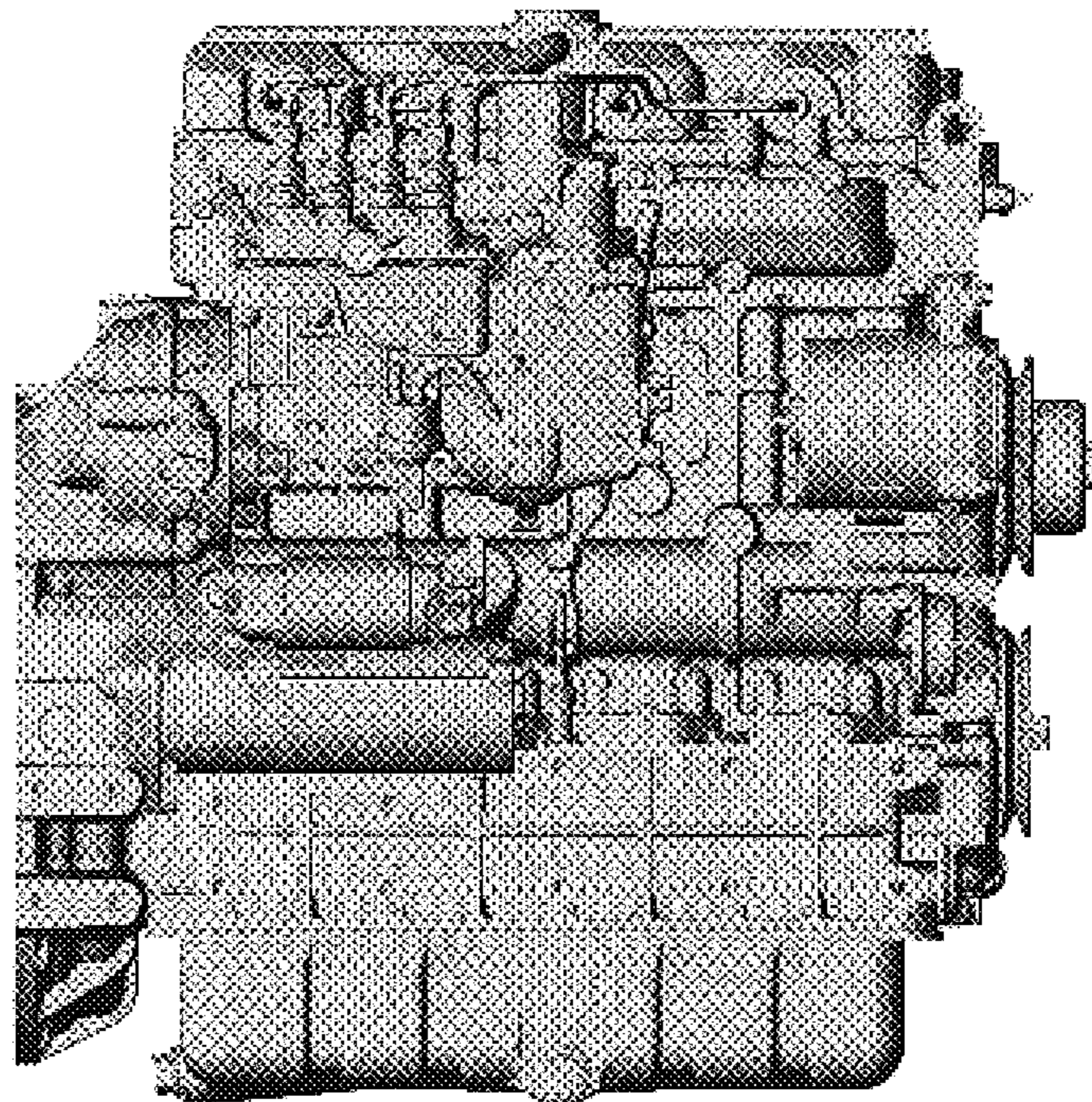


FIG. 16

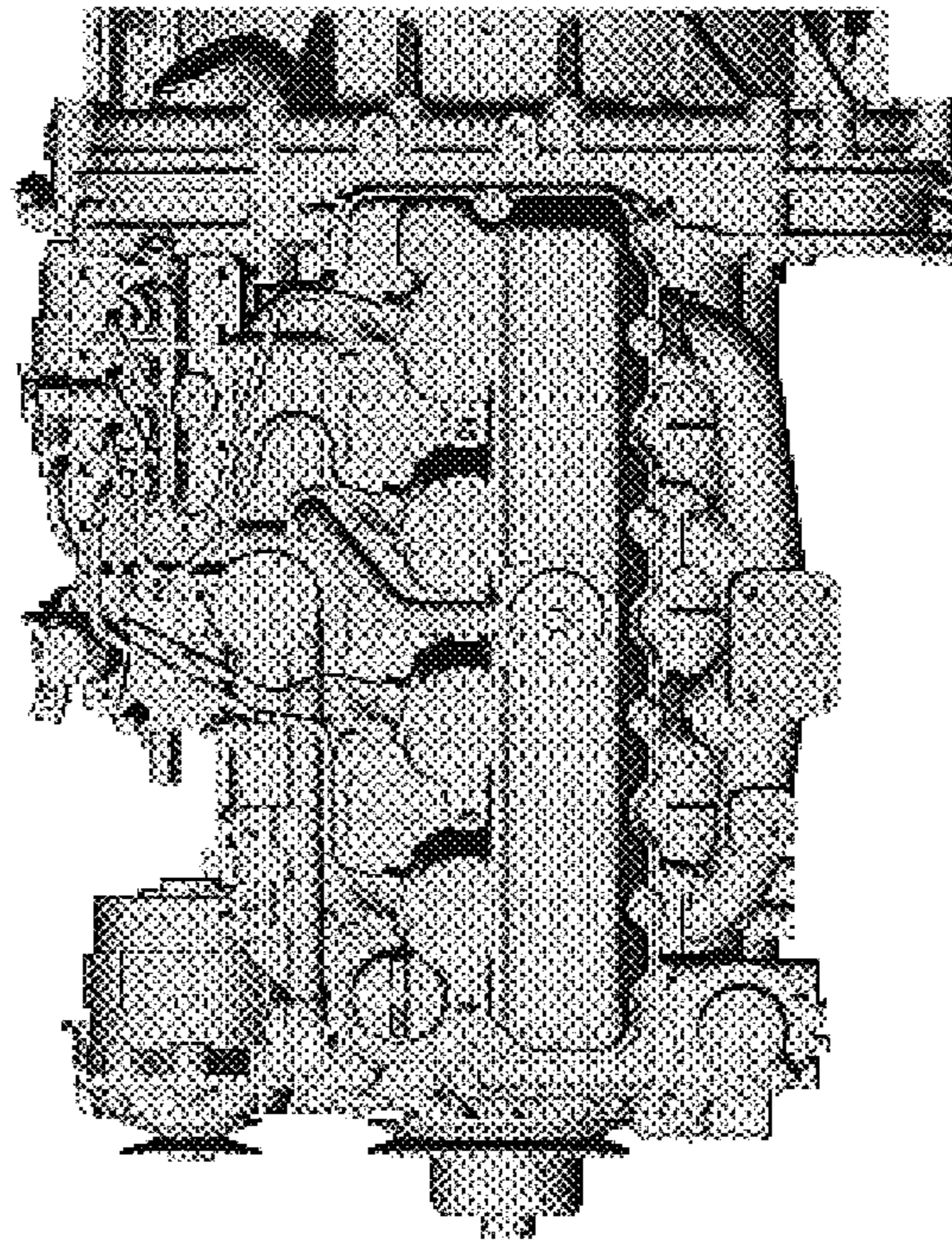


FIG. 17

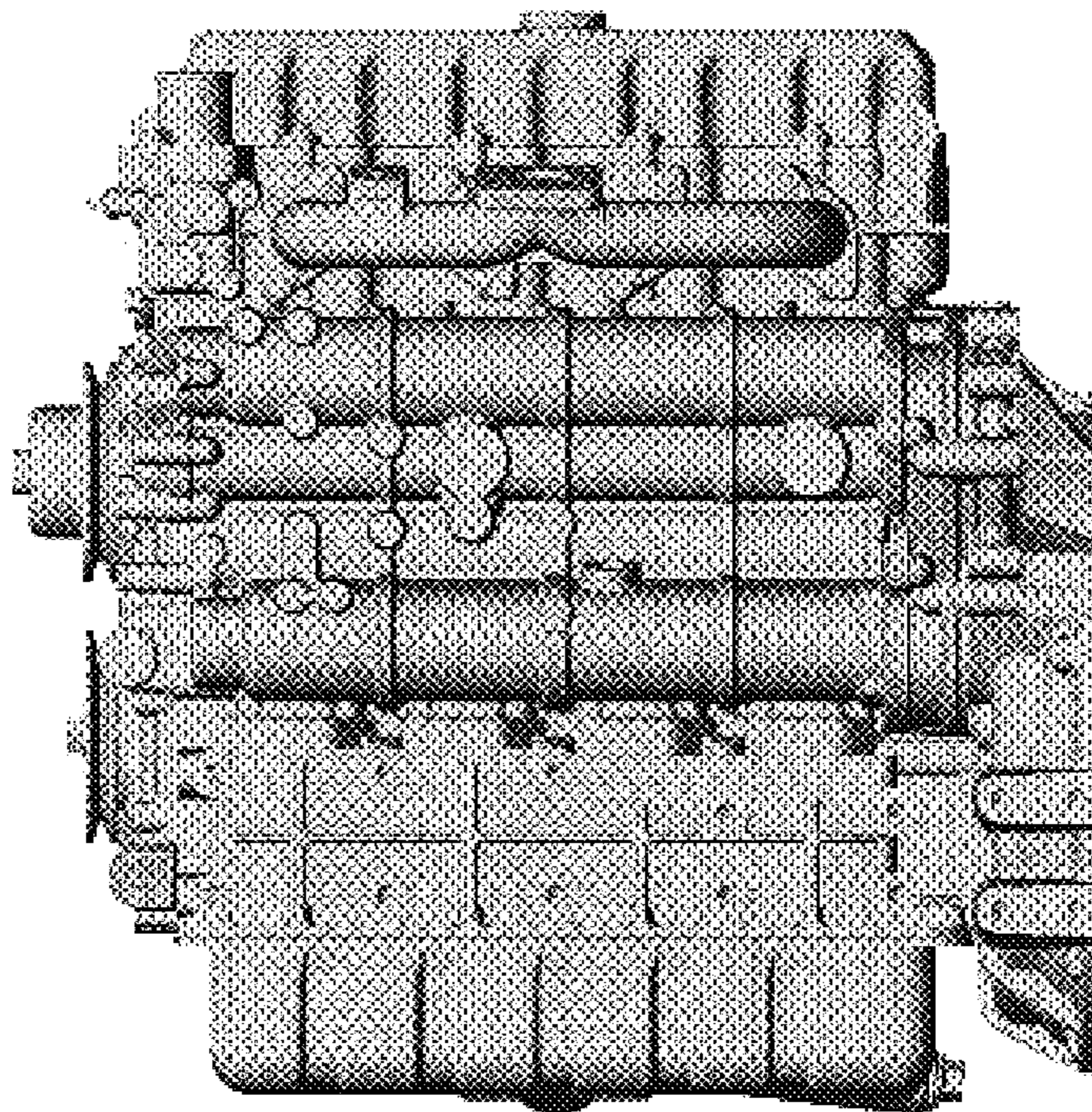


FIG. 18

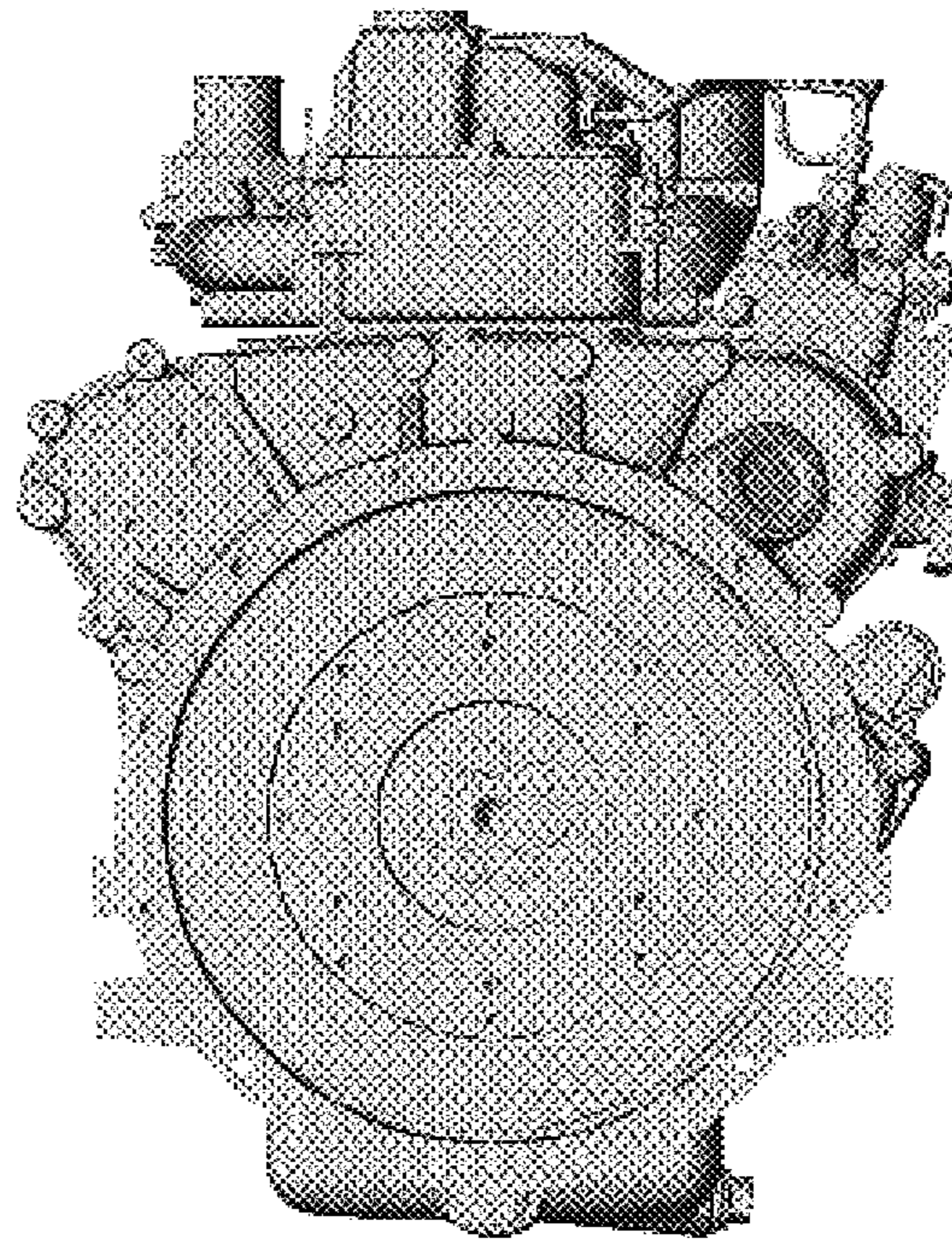


FIG. 19

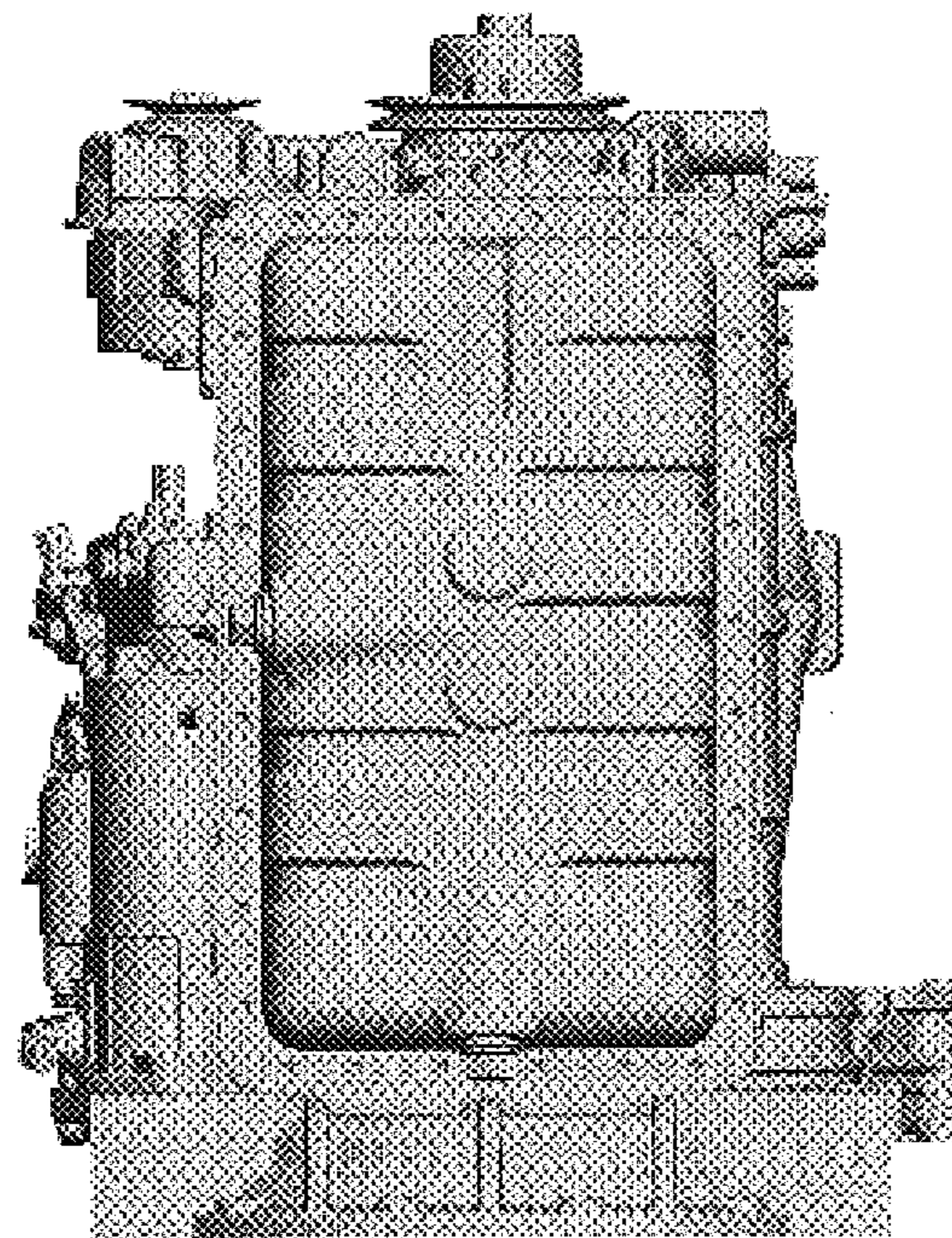


FIG. 20

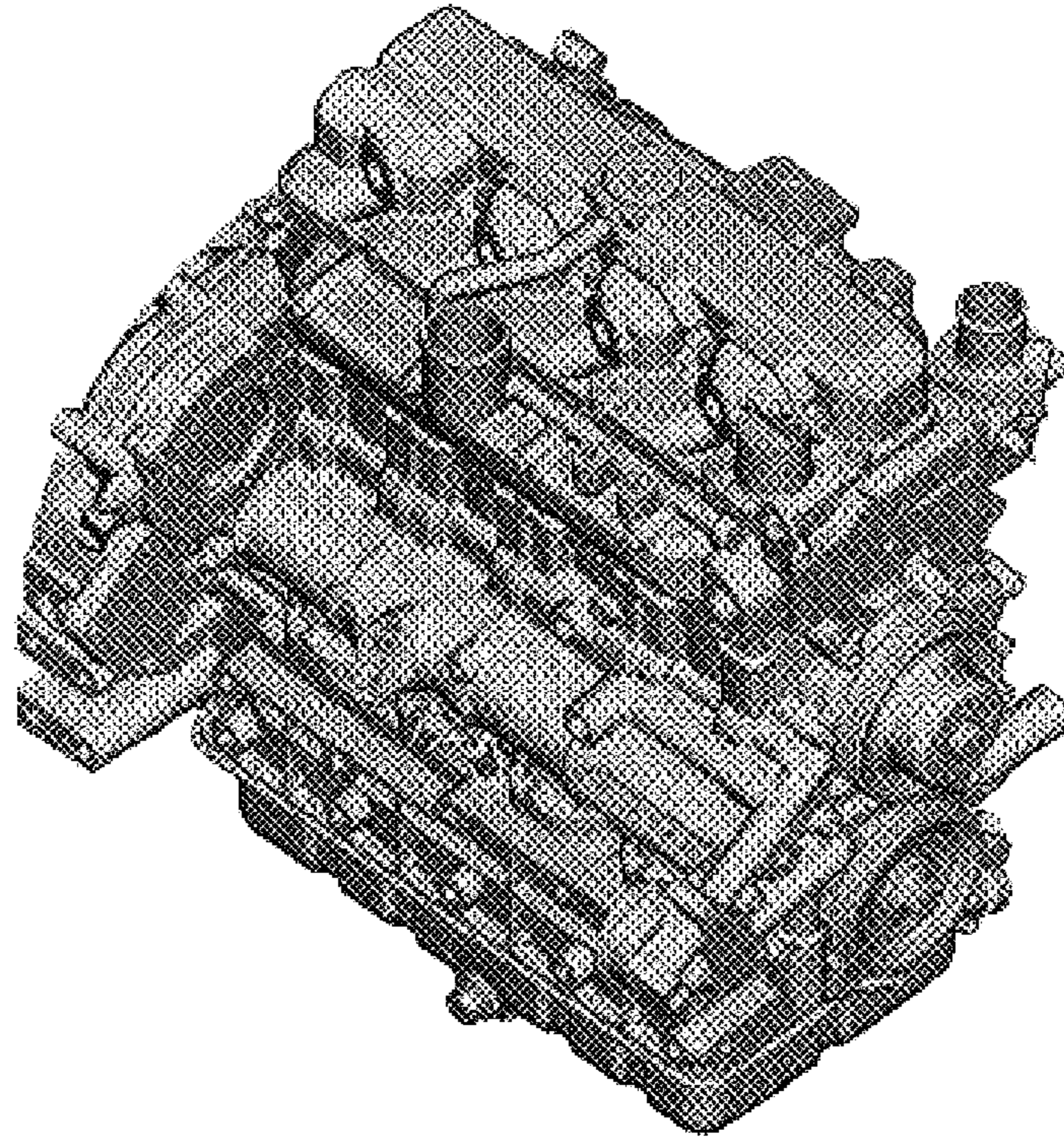


FIG. 21

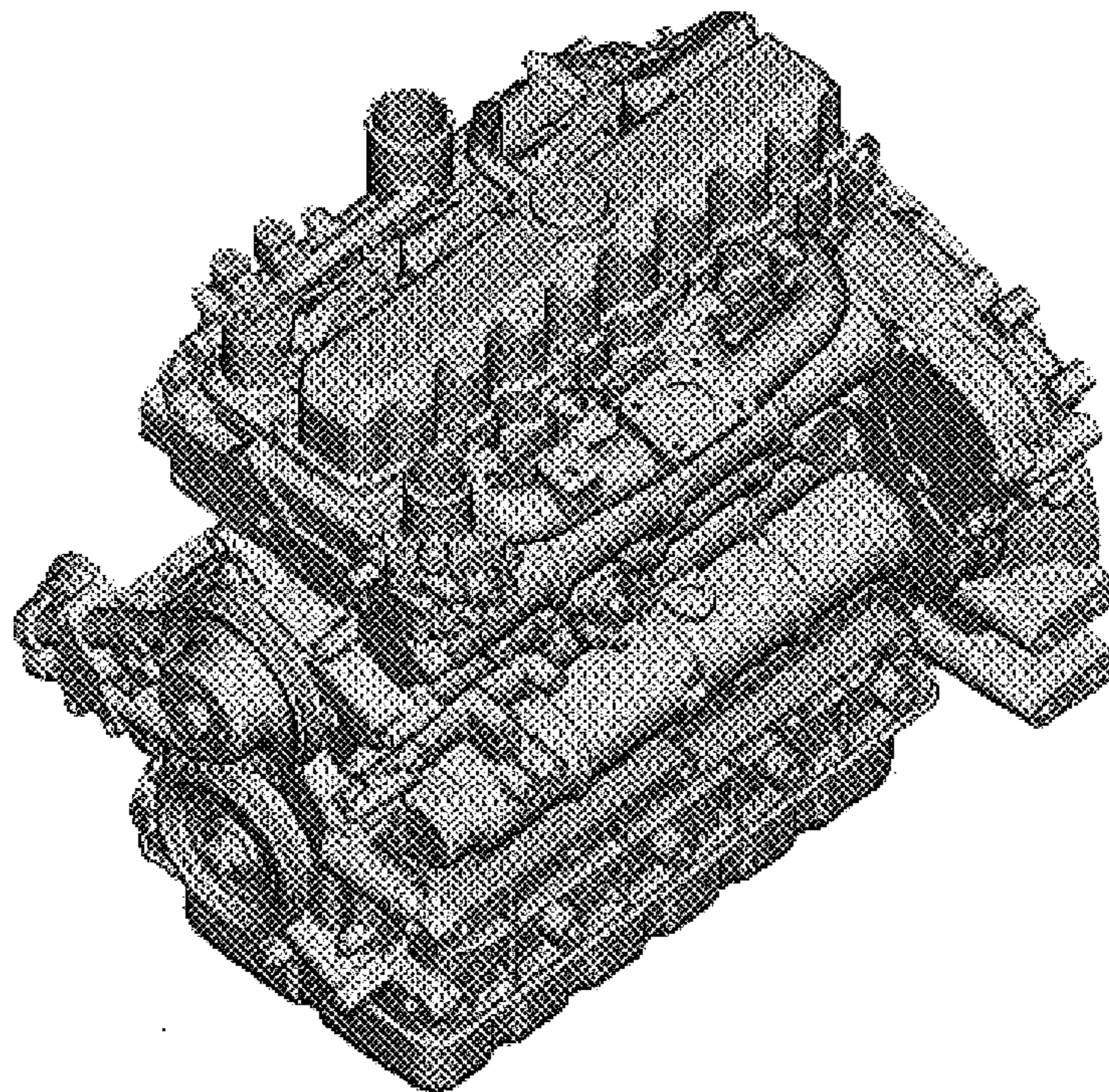


FIG. 22

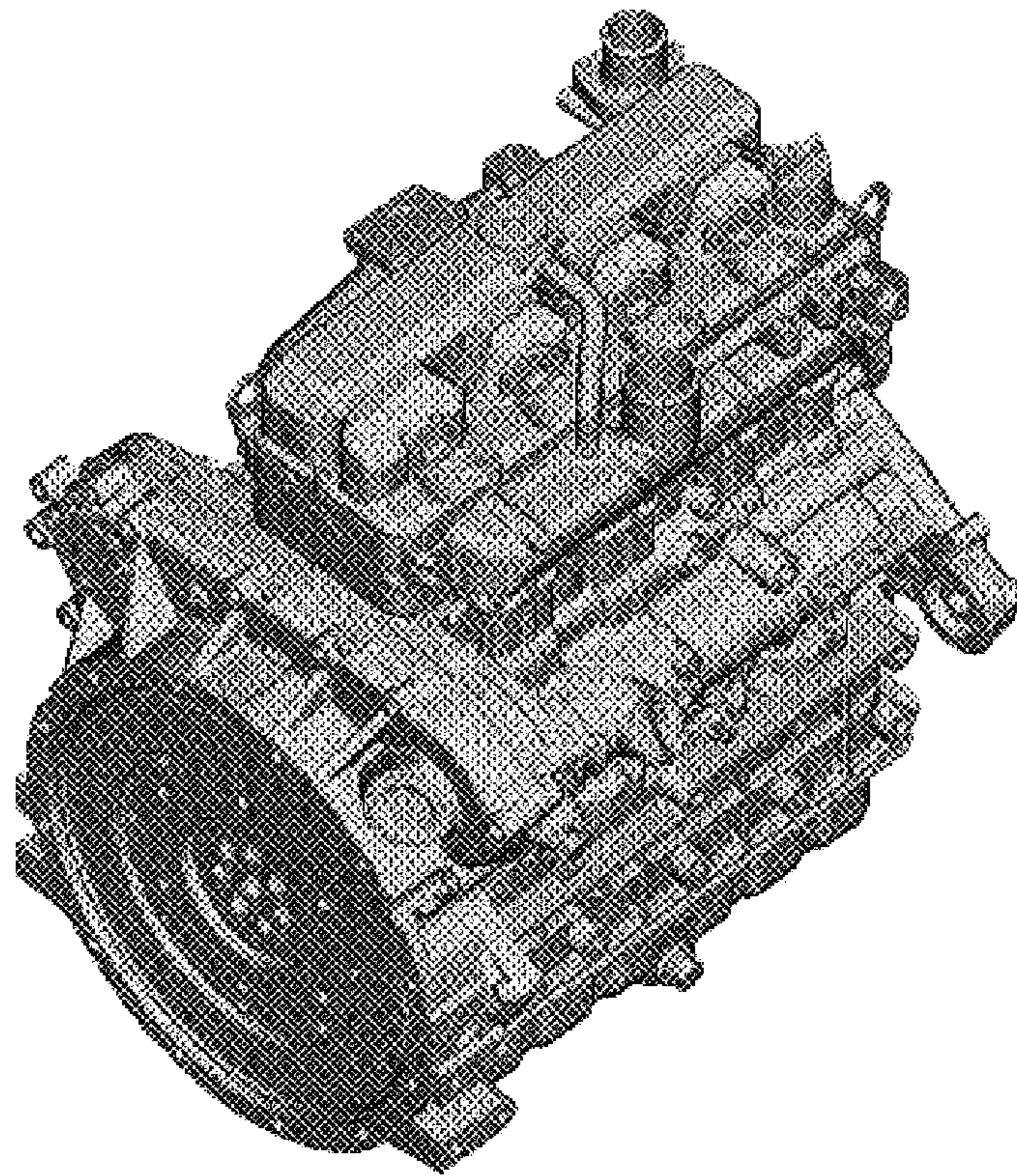


FIG. 23

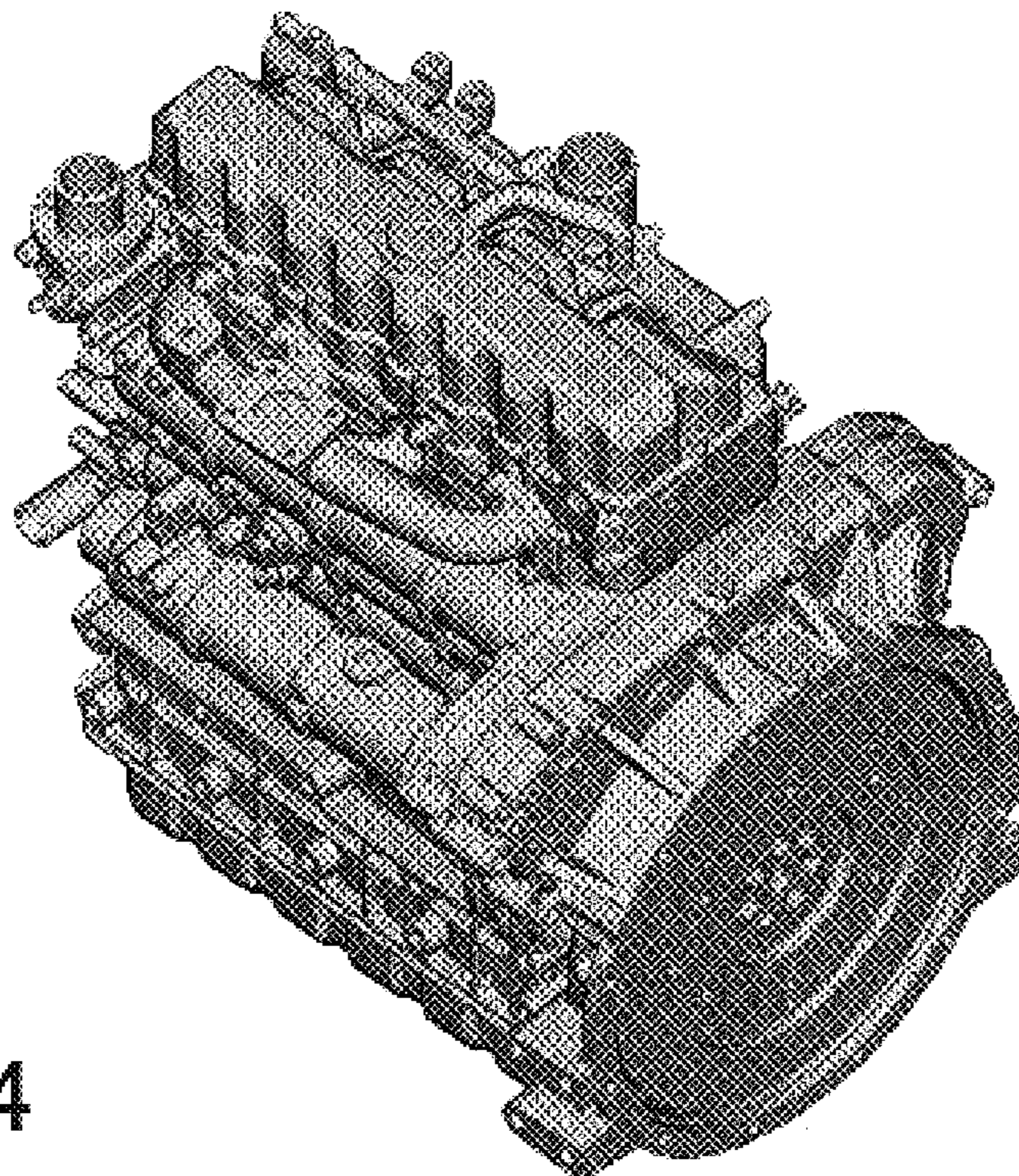


FIG. 24

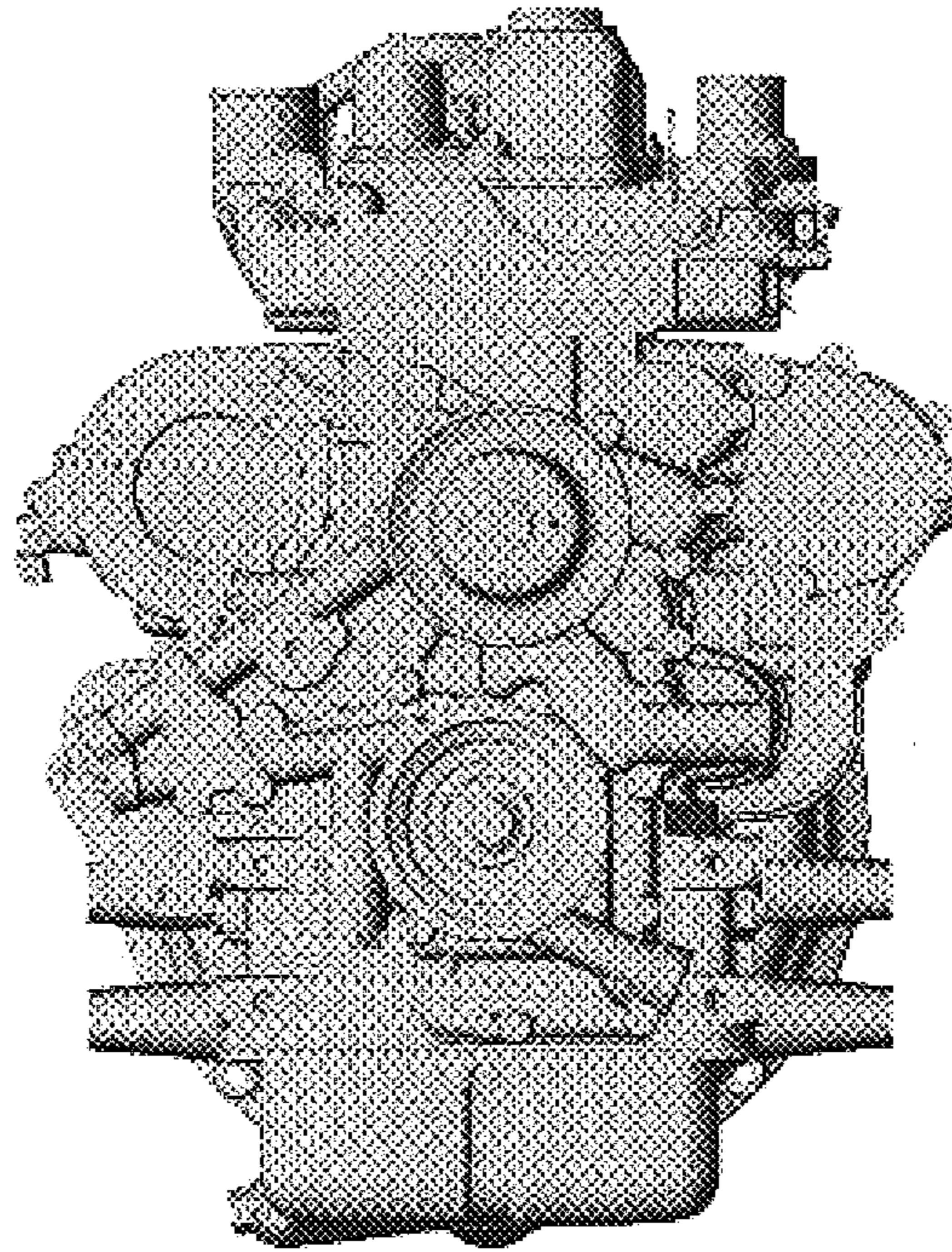


FIG. 25

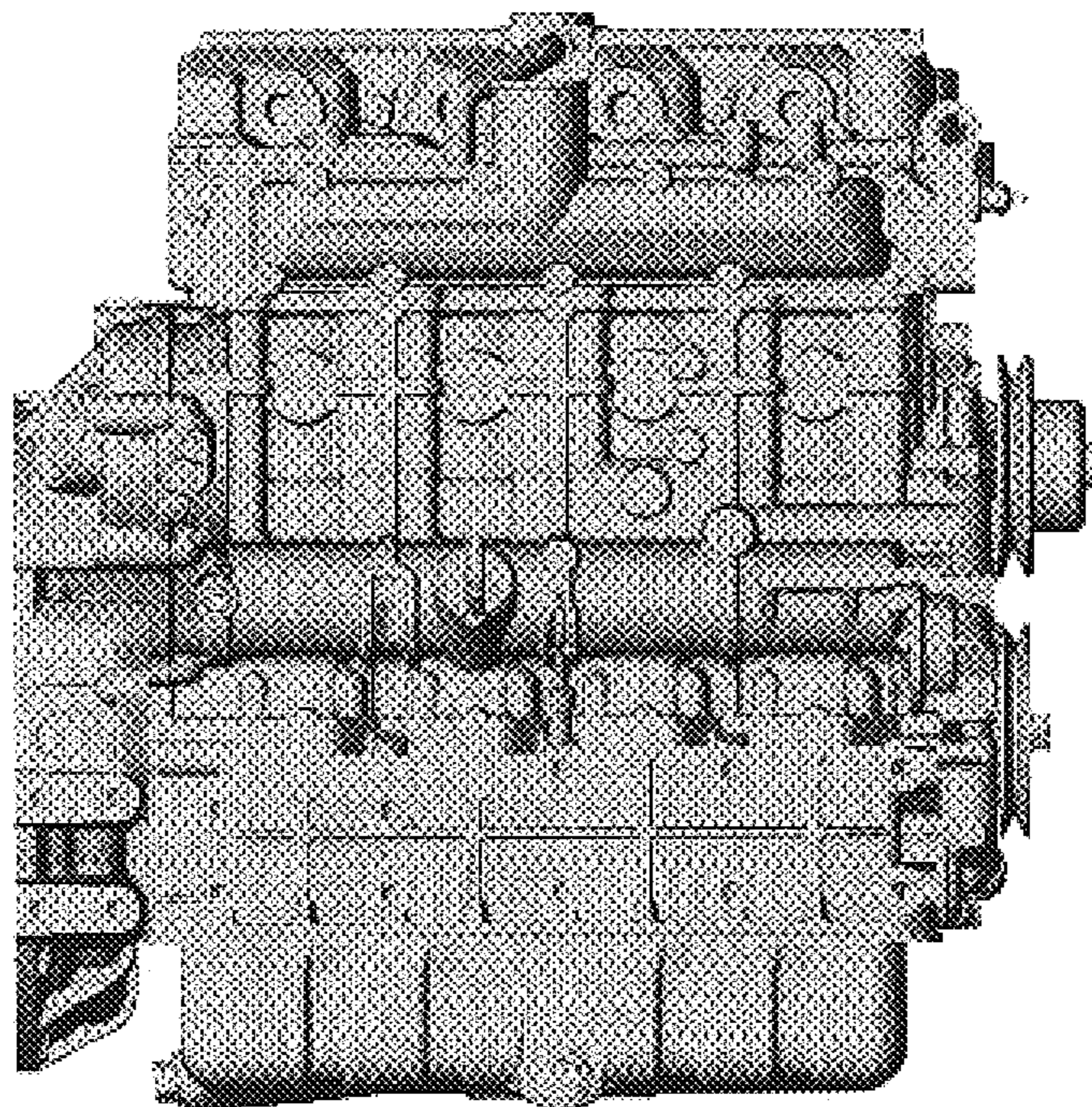


FIG. 26

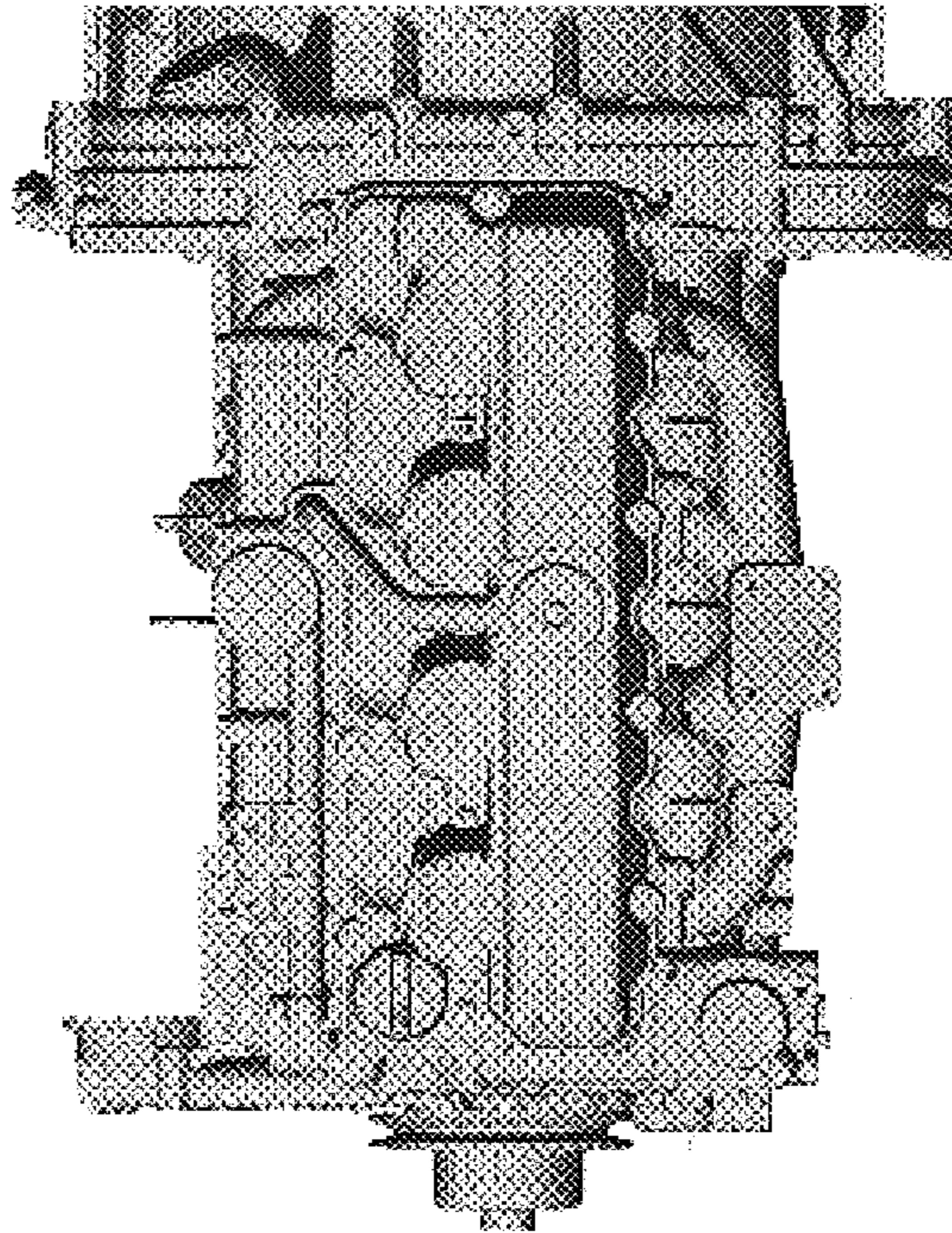


FIG. 27

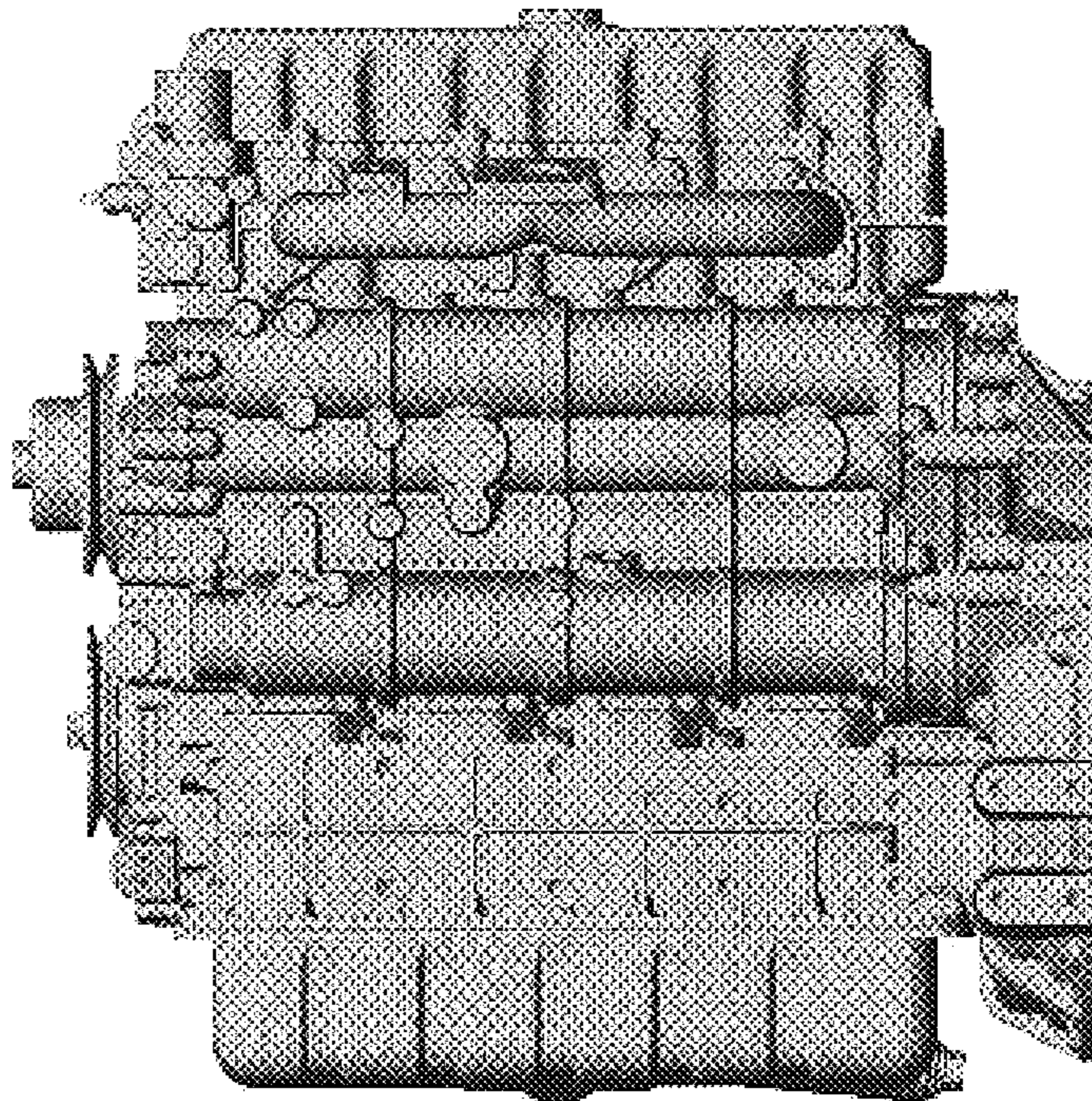


FIG. 28

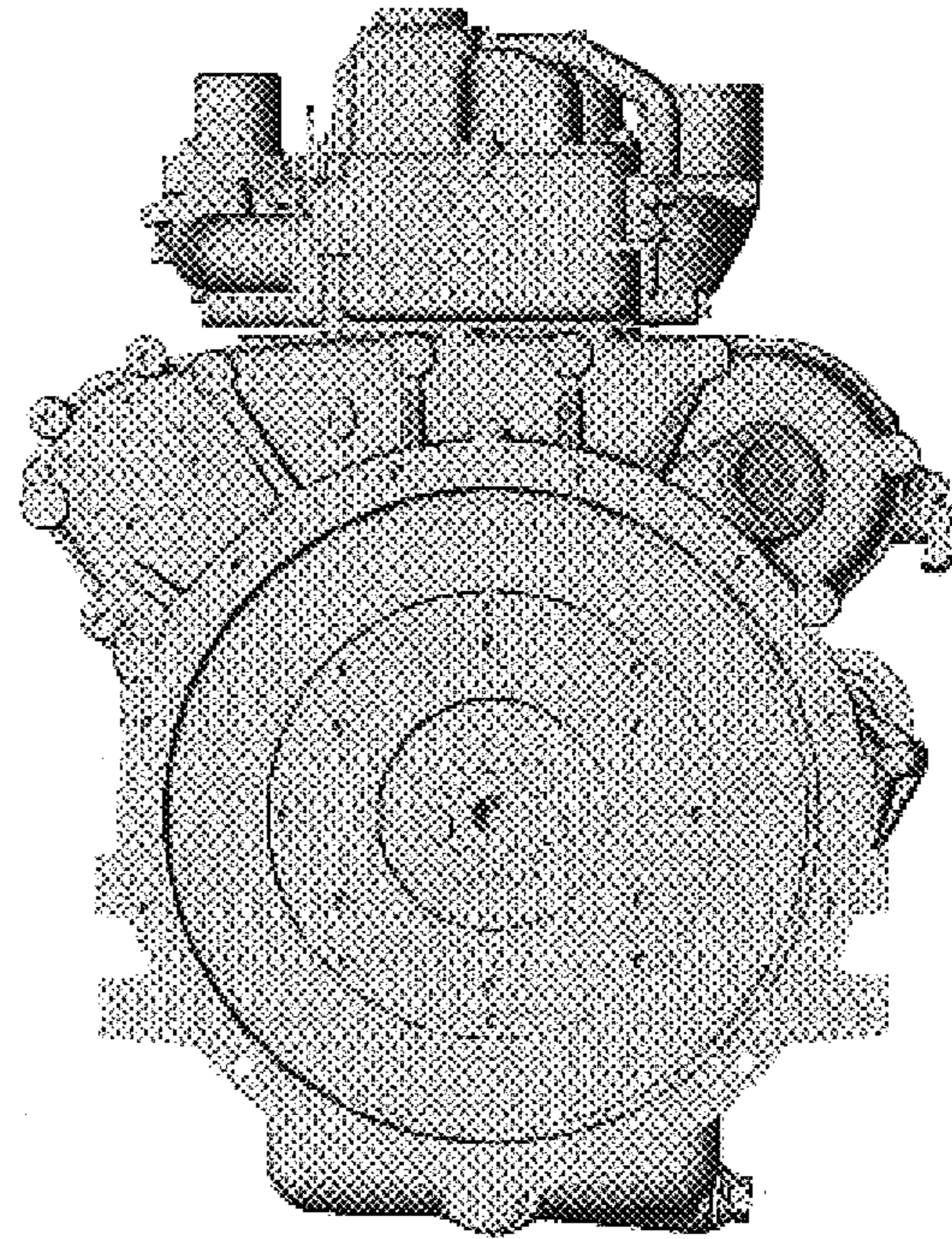


FIG. 29

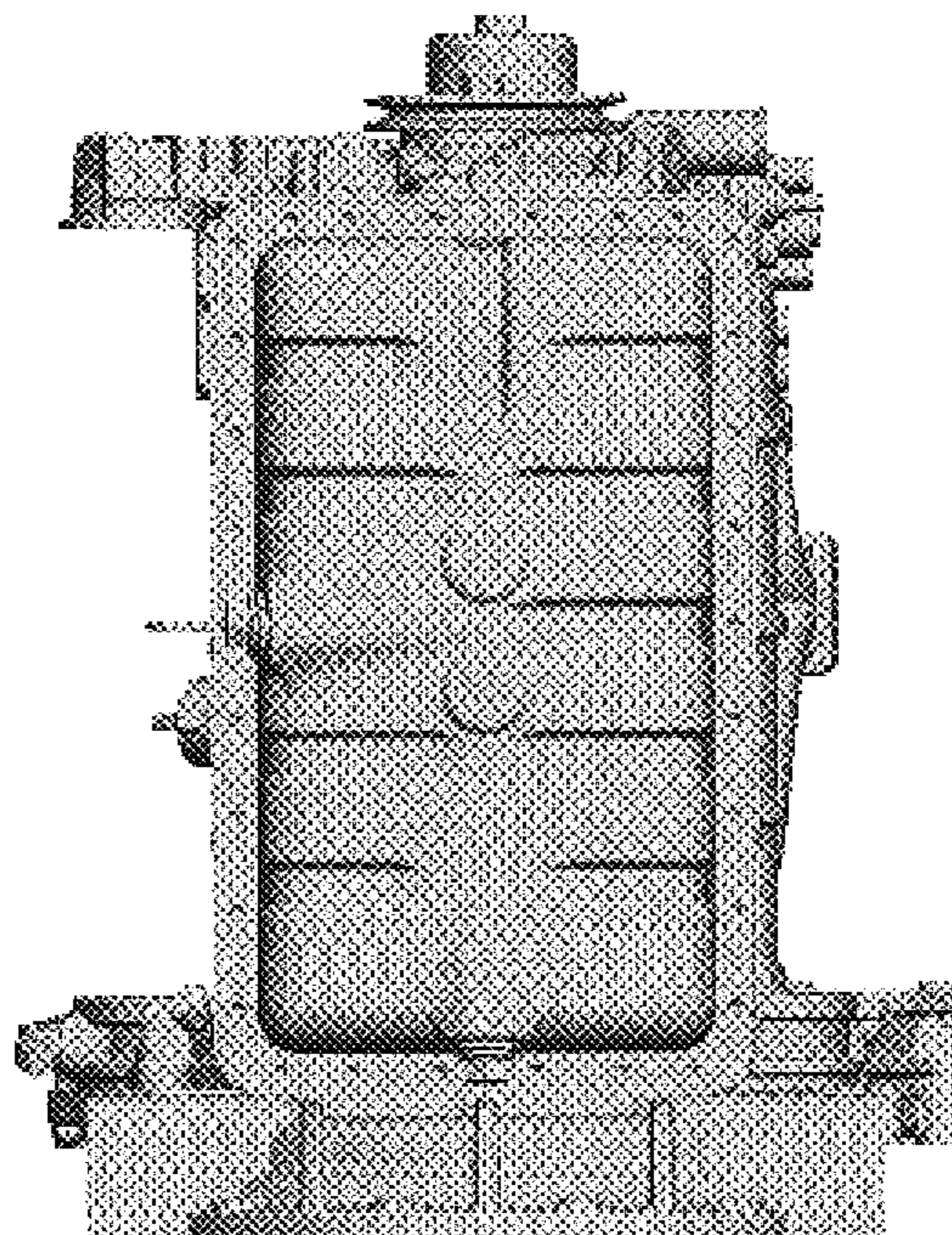


FIG. 30

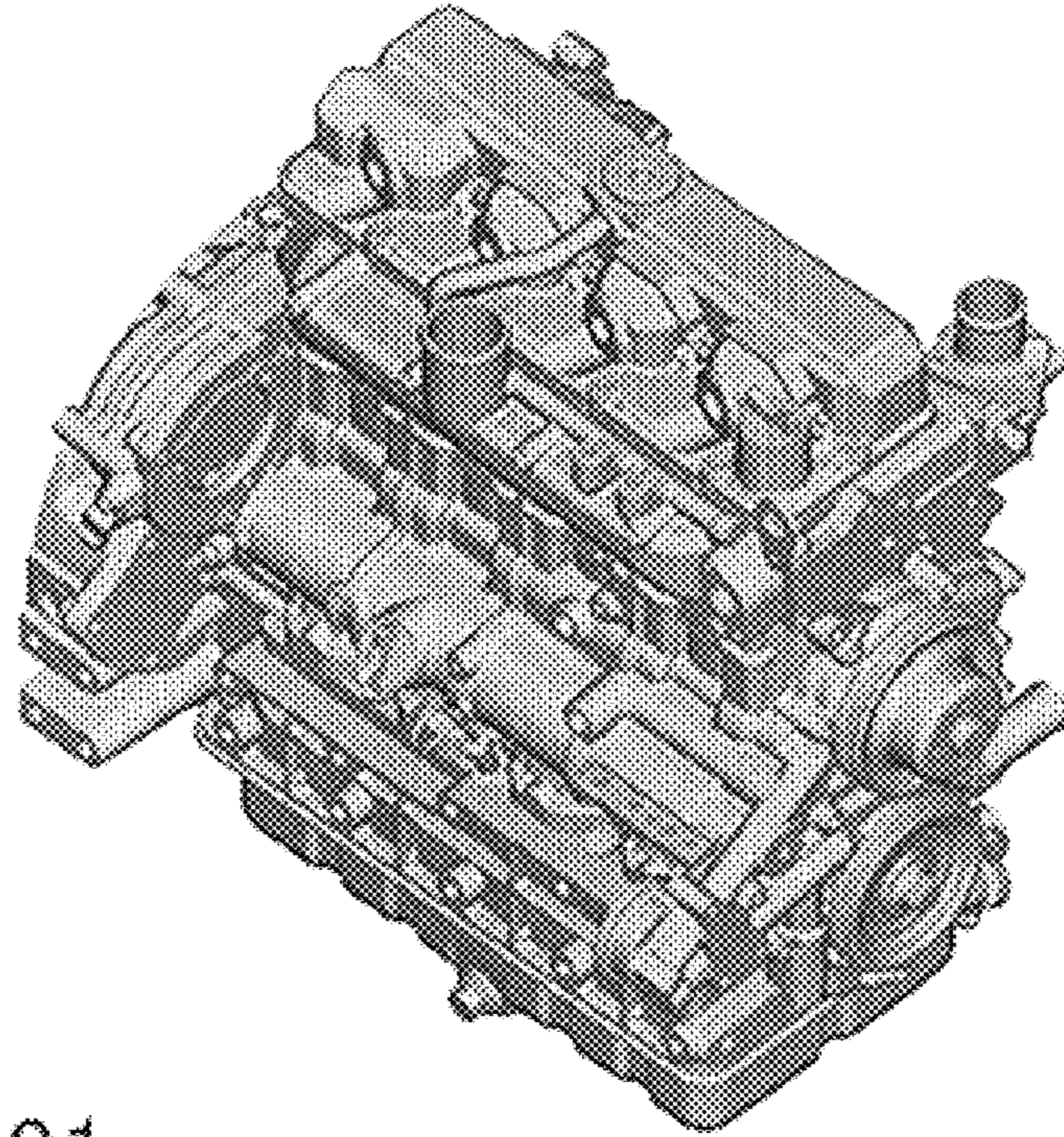


FIG. 31

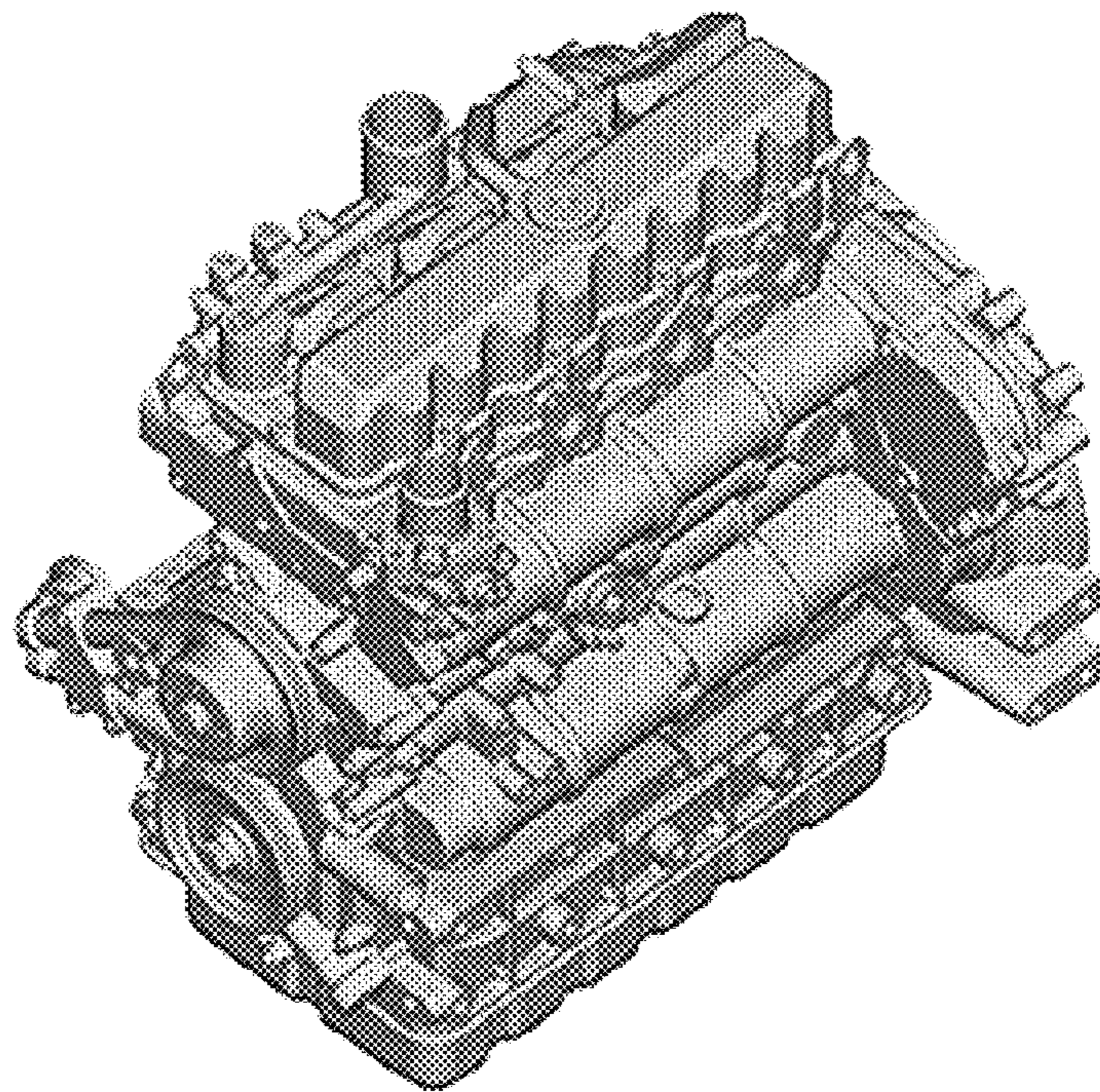


FIG. 32

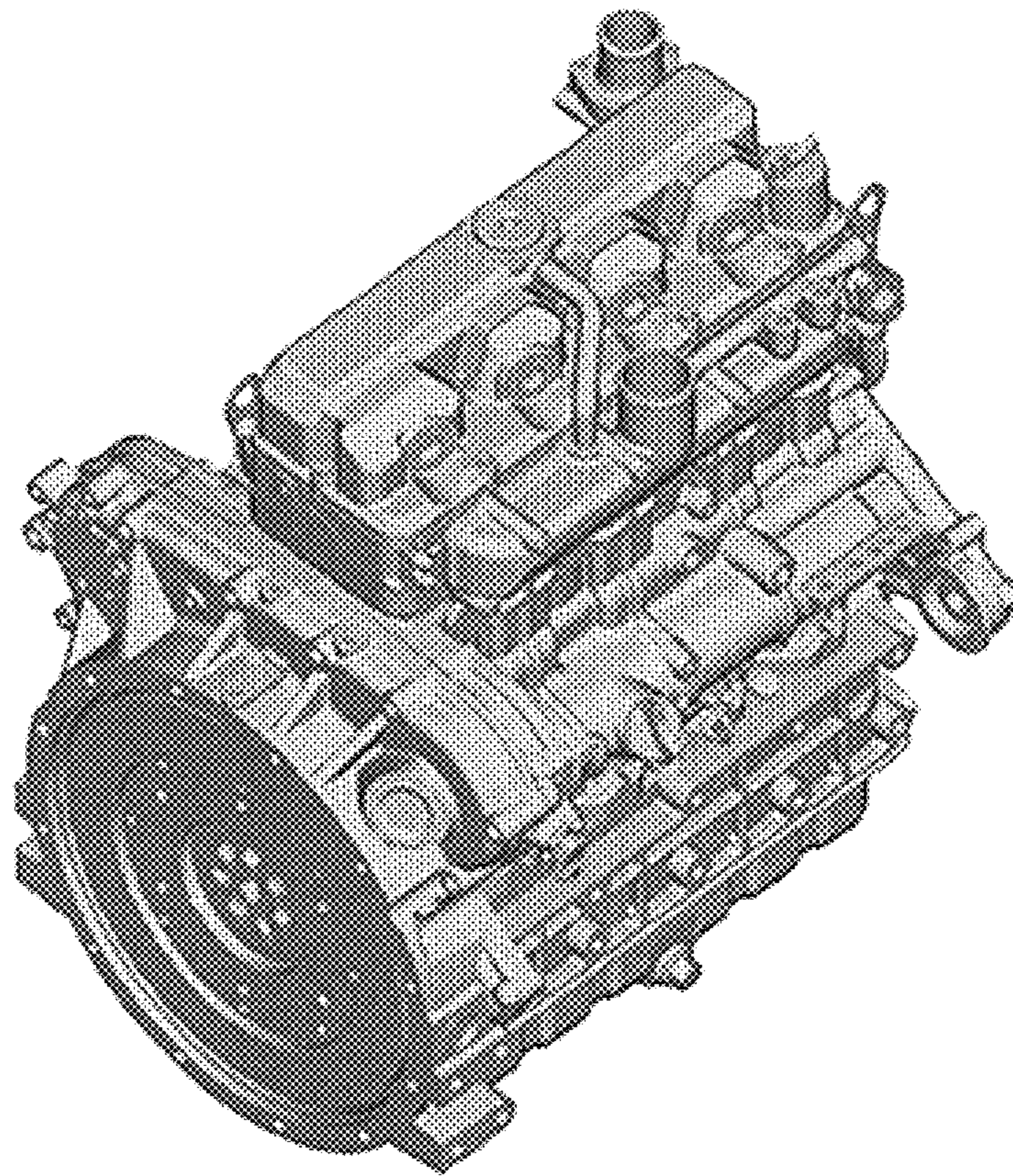


FIG. 33

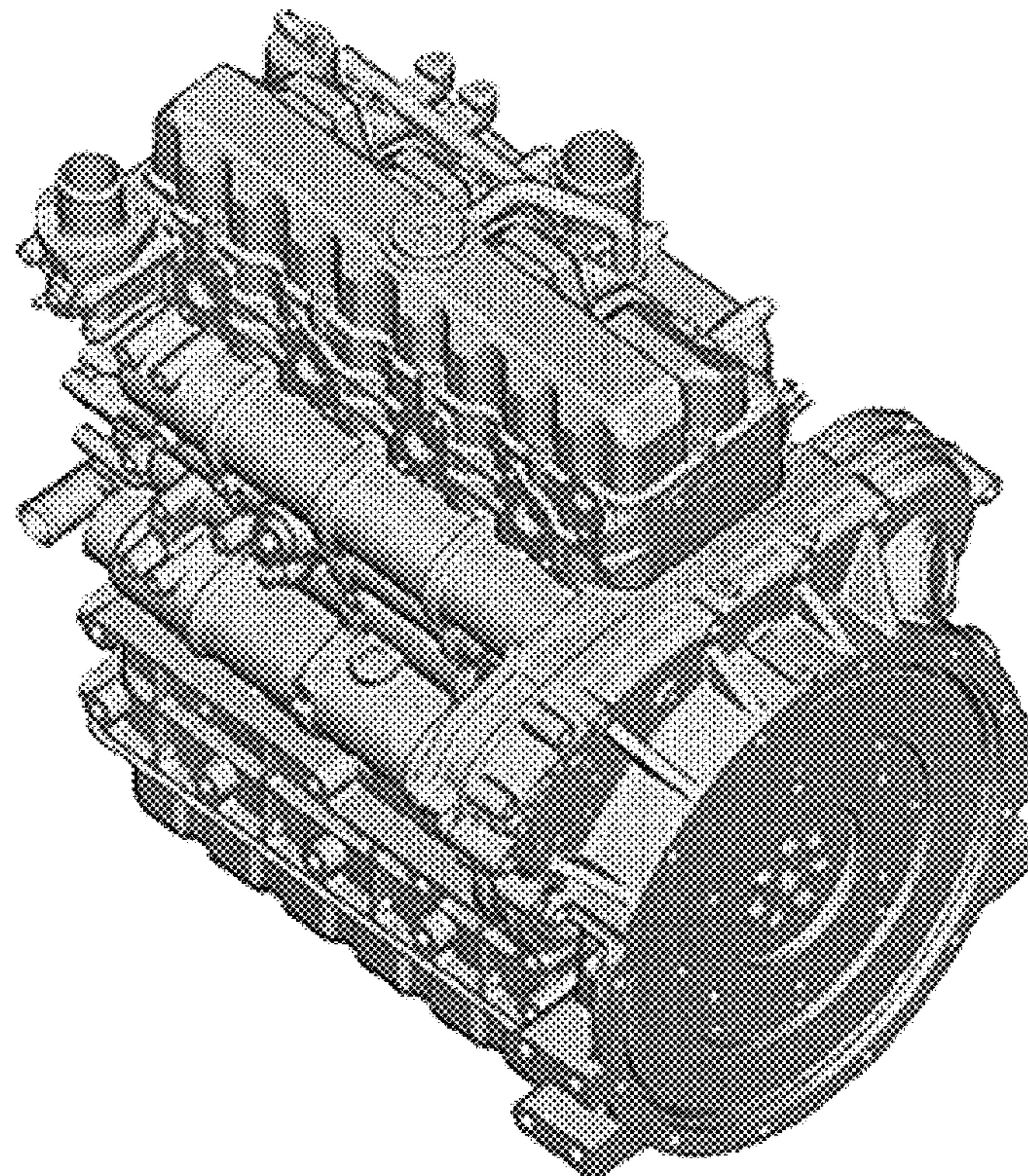


FIG. 34

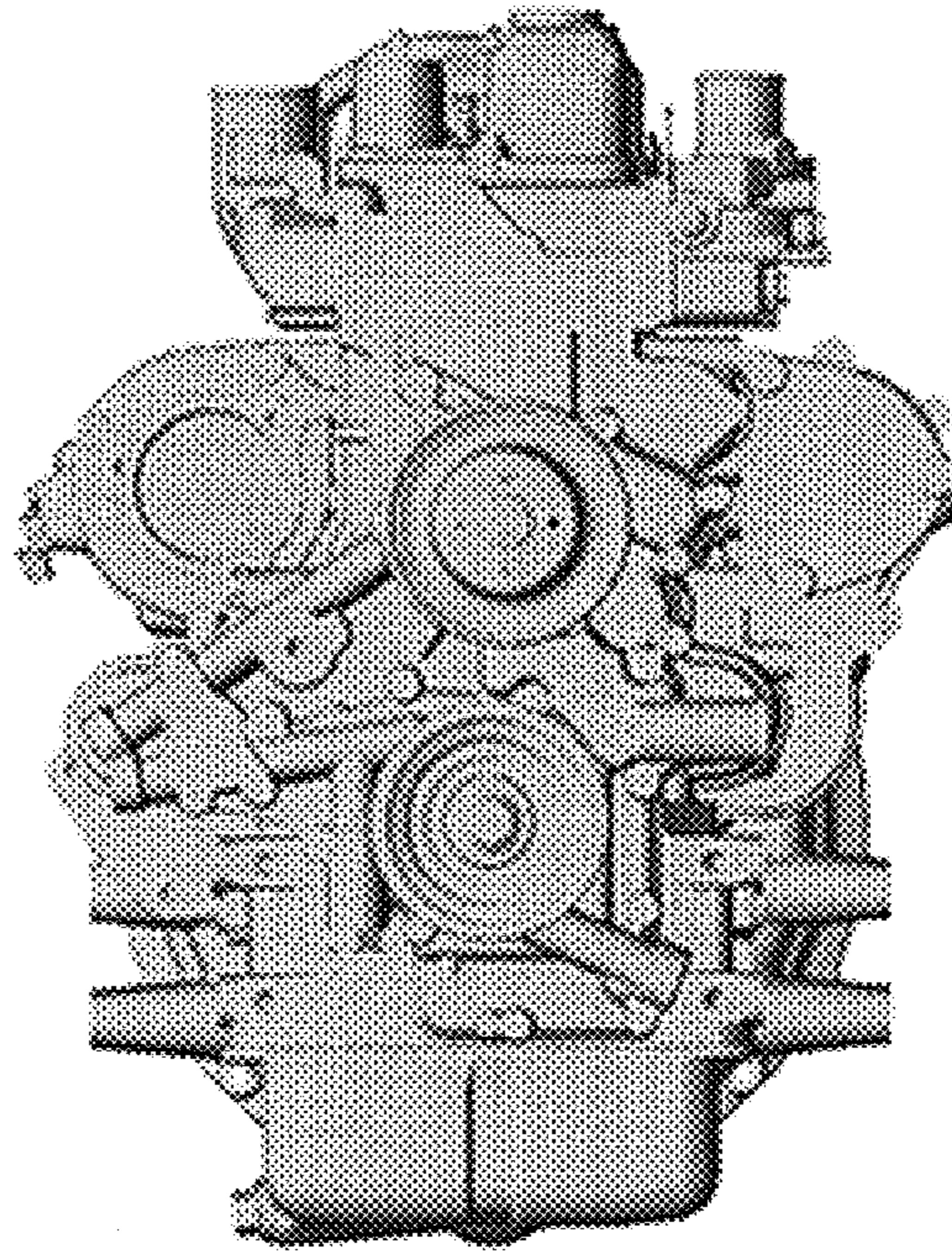


FIG. 35

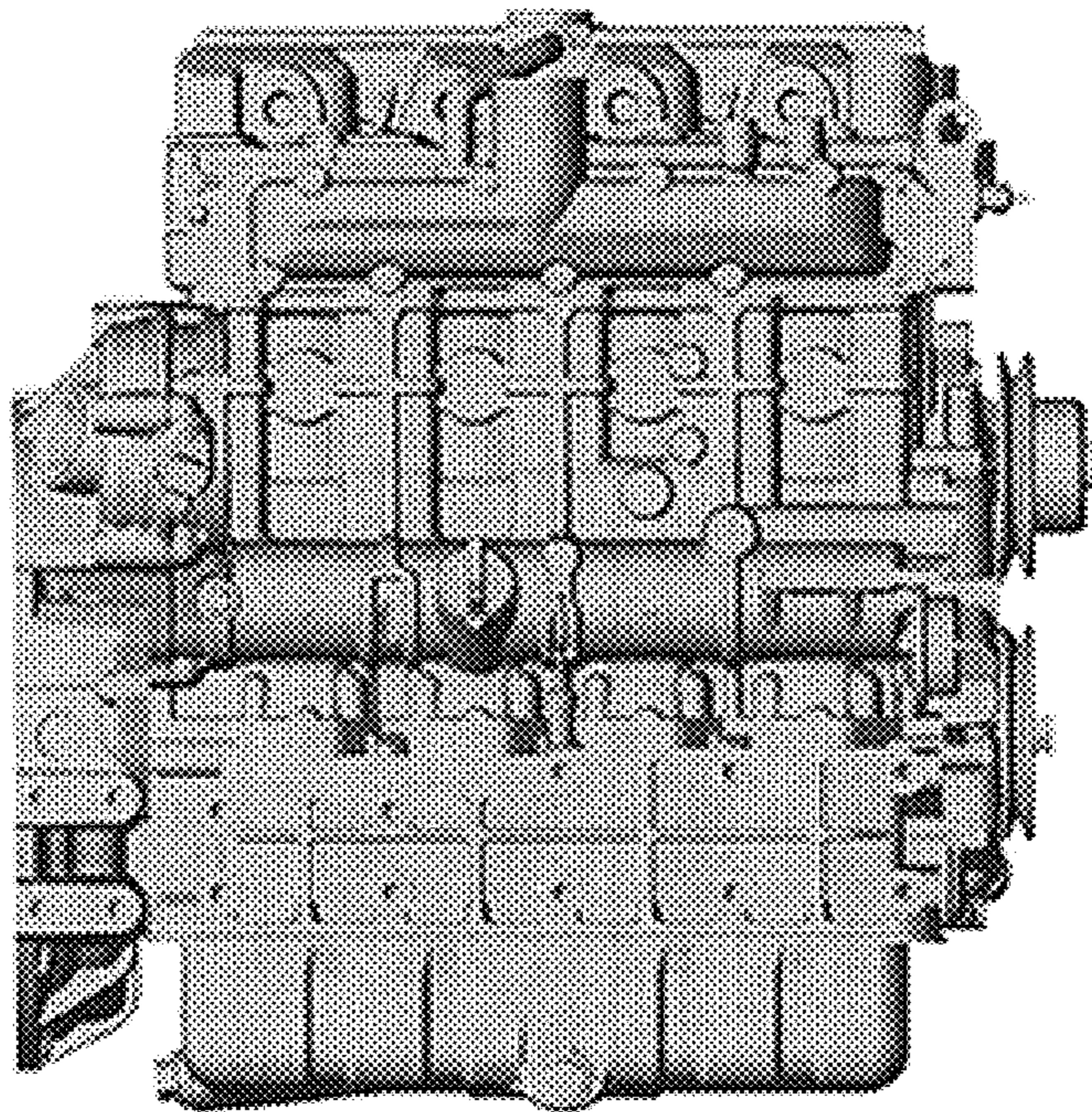


FIG. 36

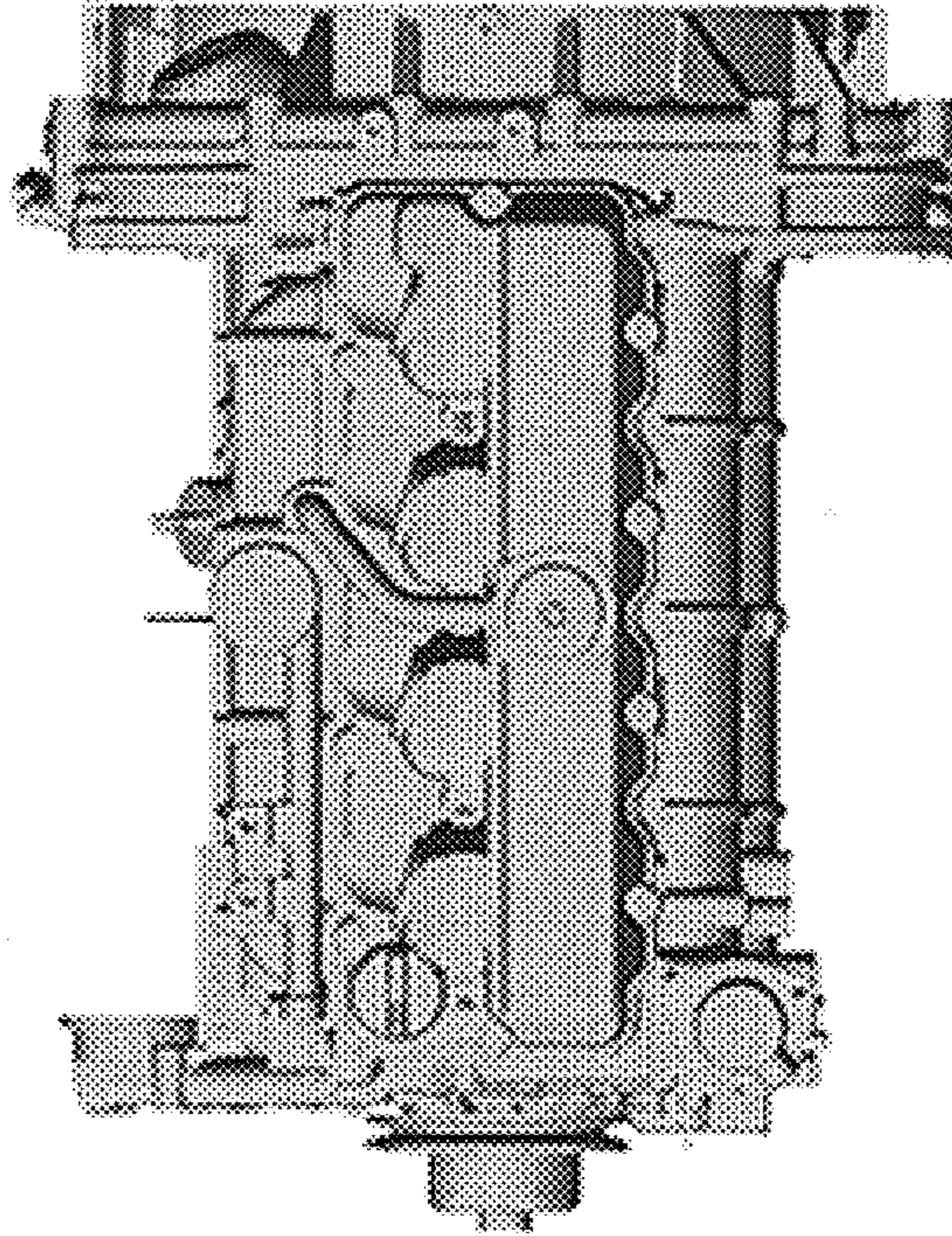


FIG. 37

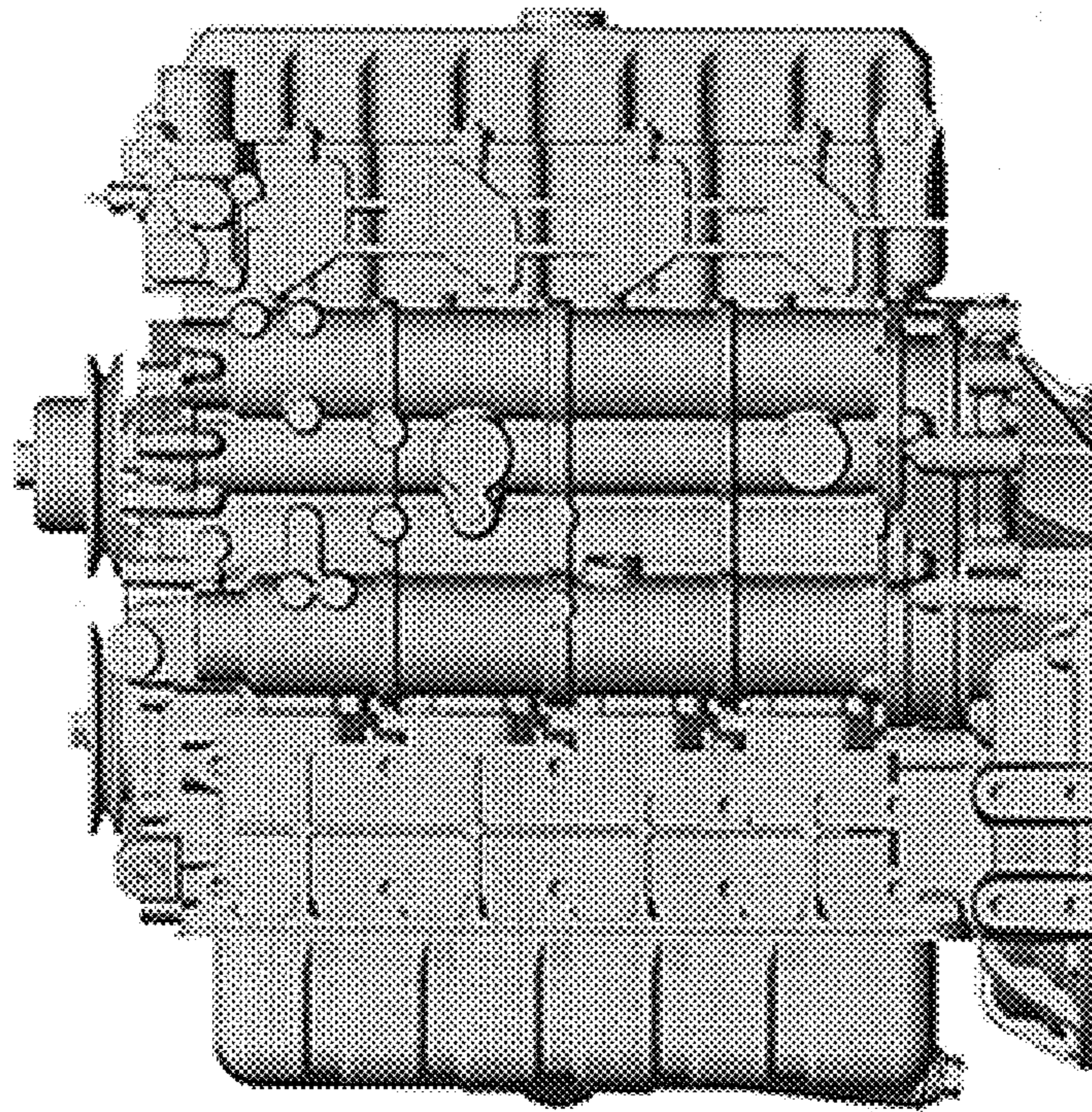


FIG. 38

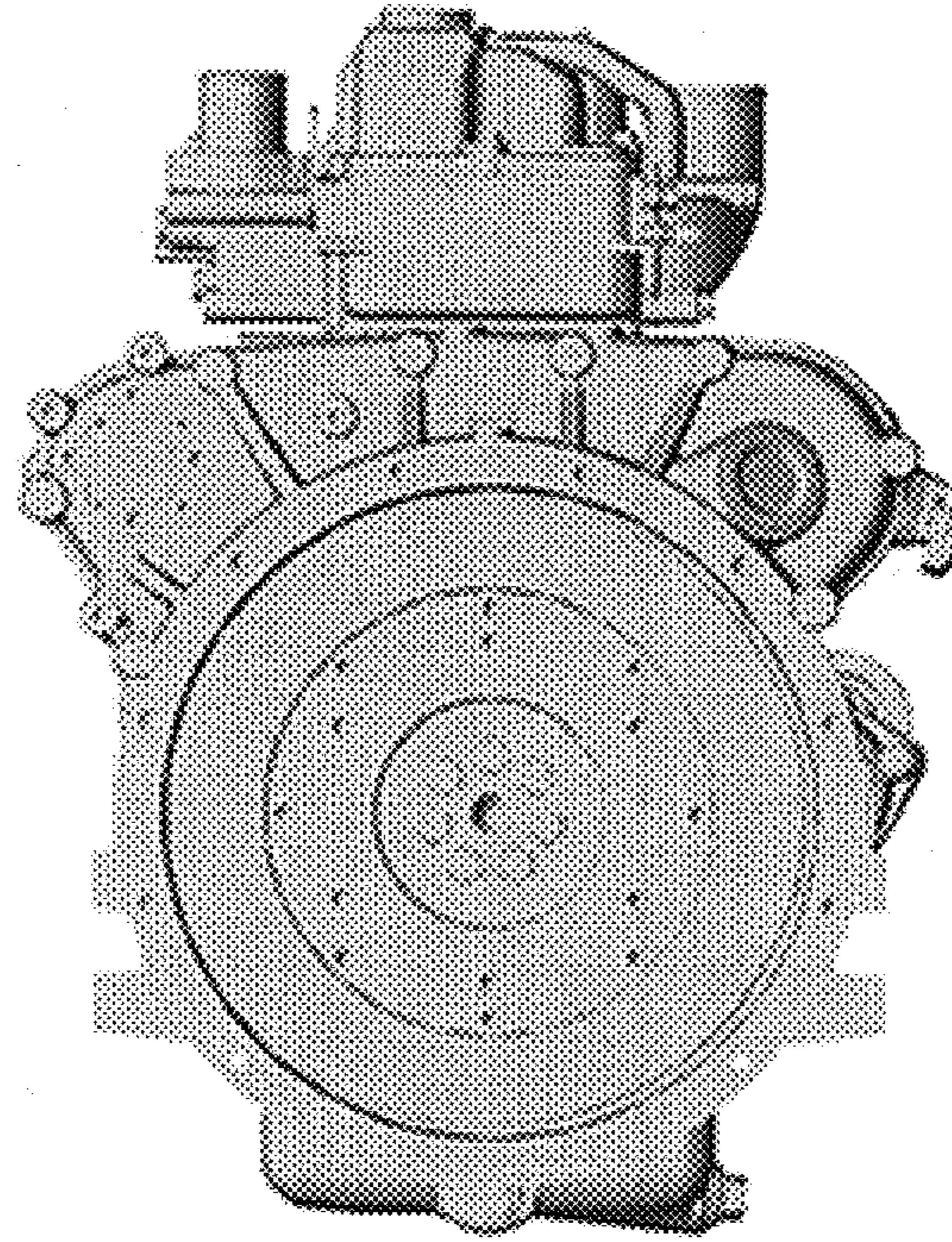


FIG. 39

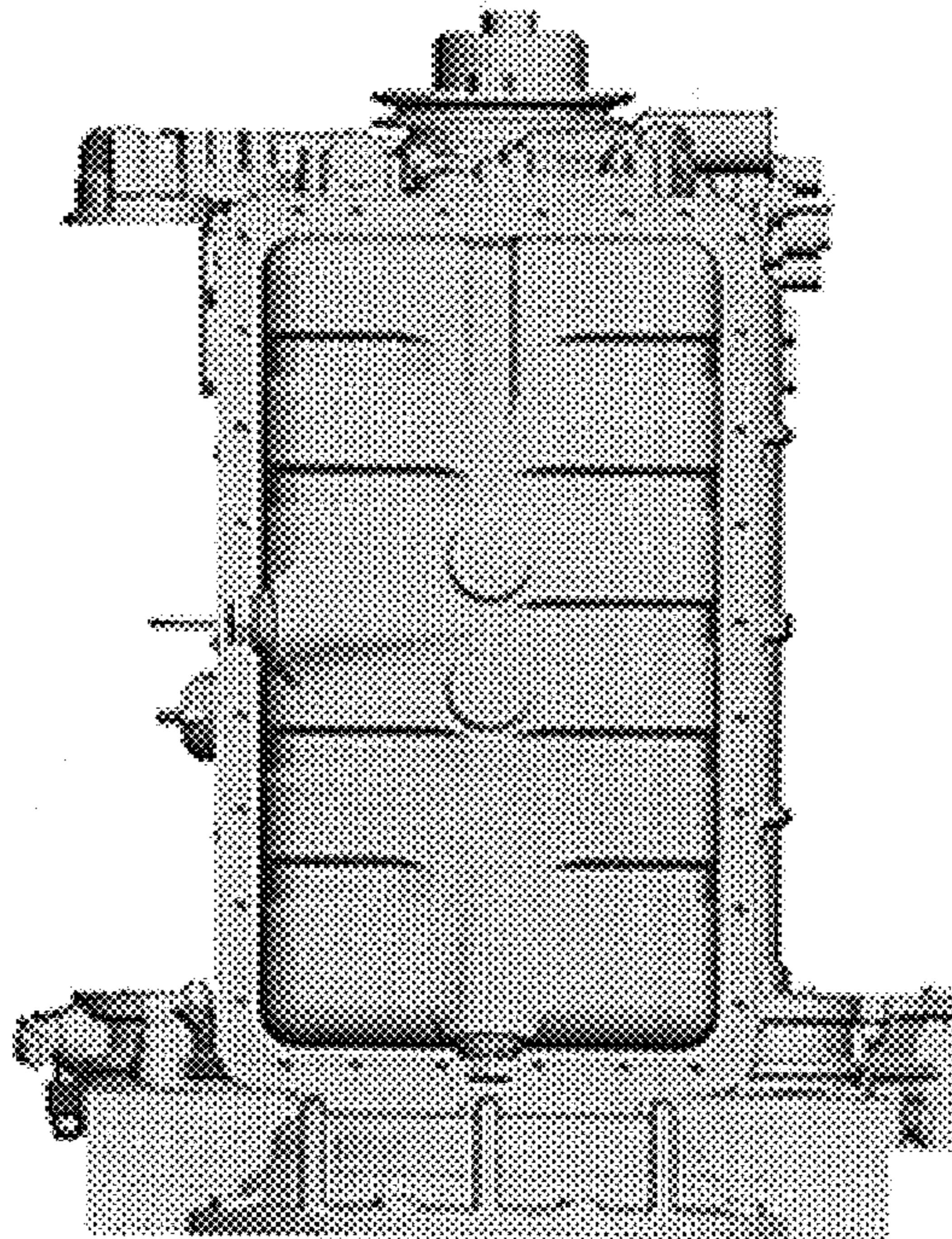


FIG. 40

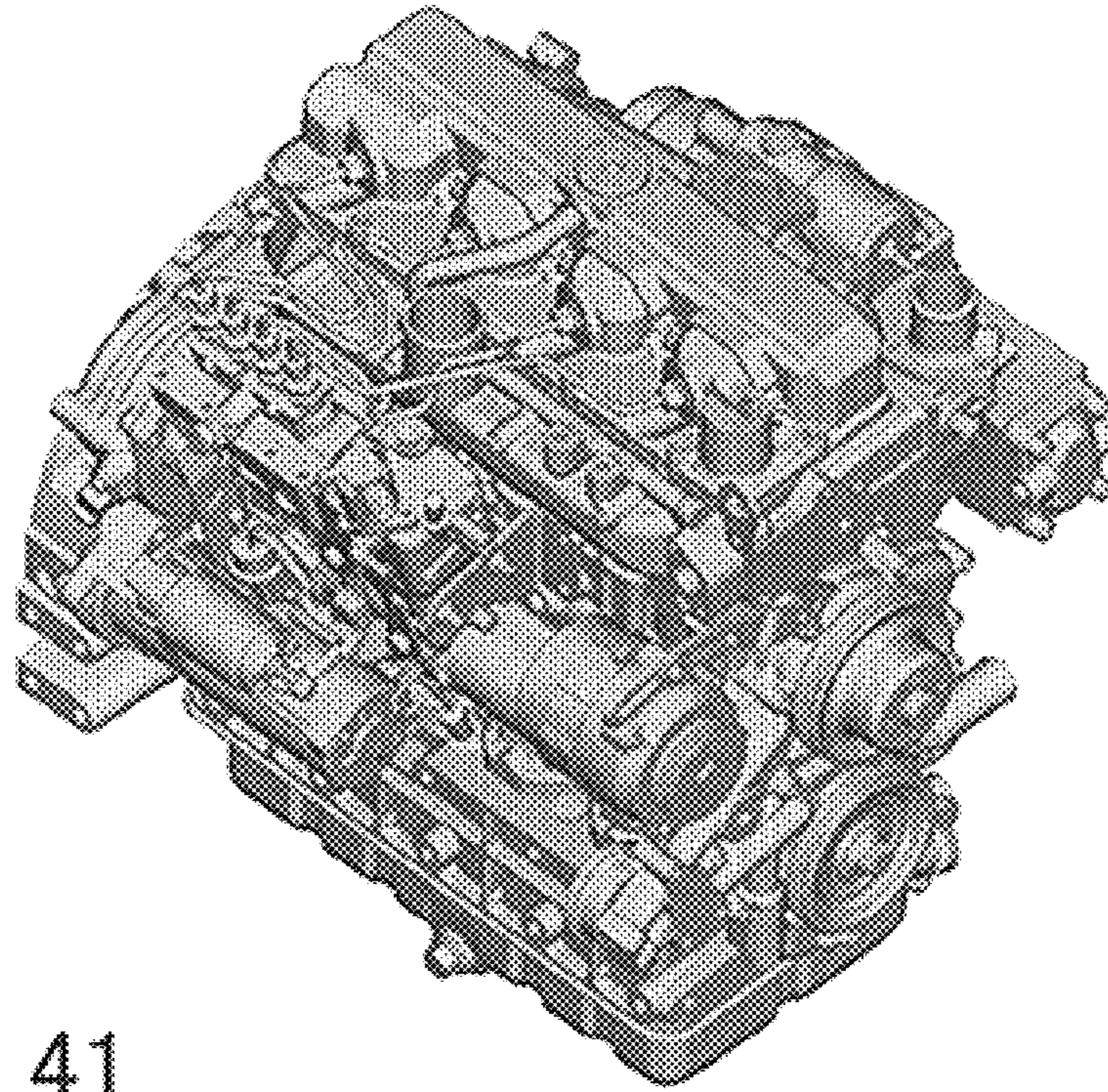


FIG. 41

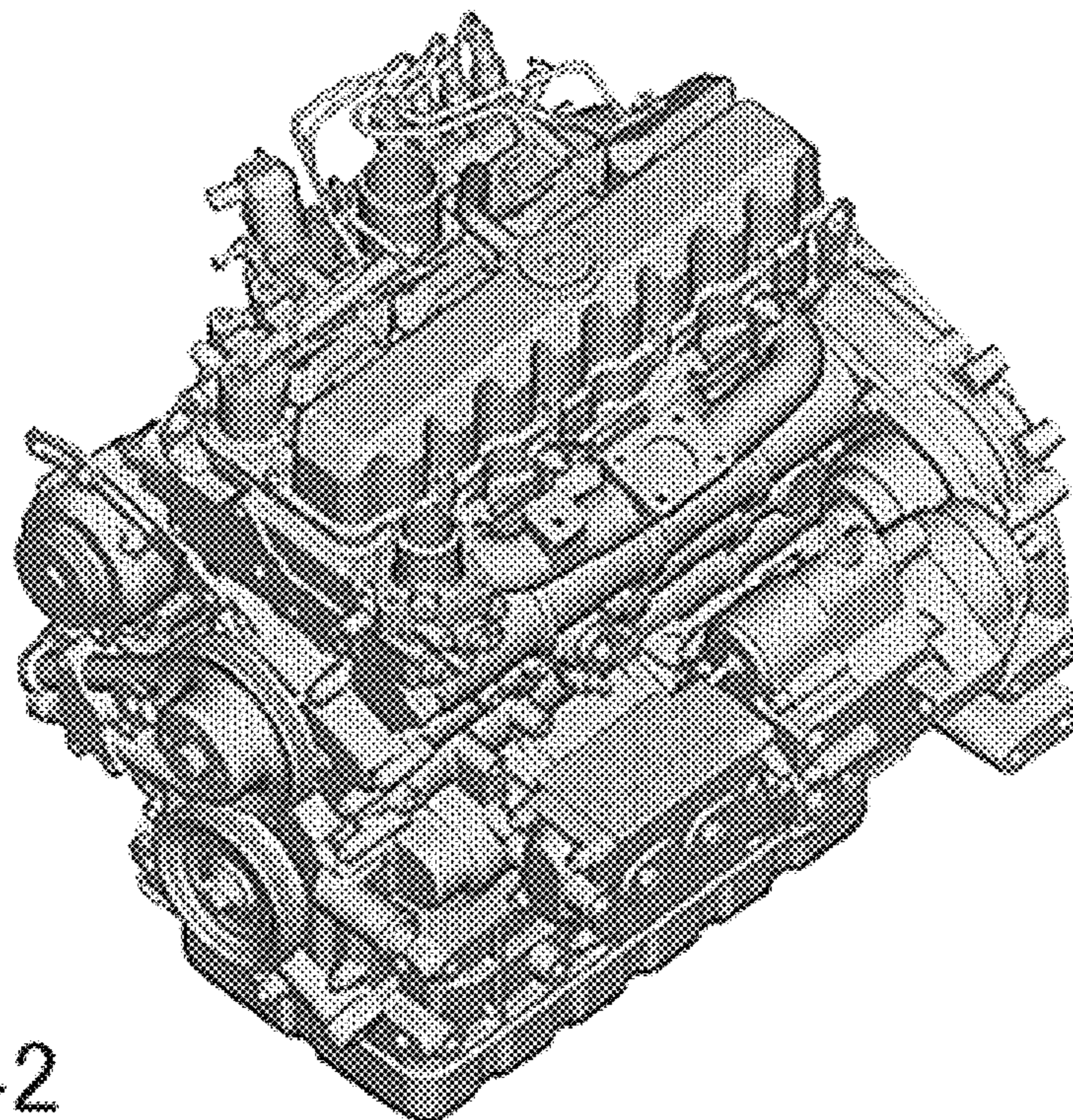


FIG. 42

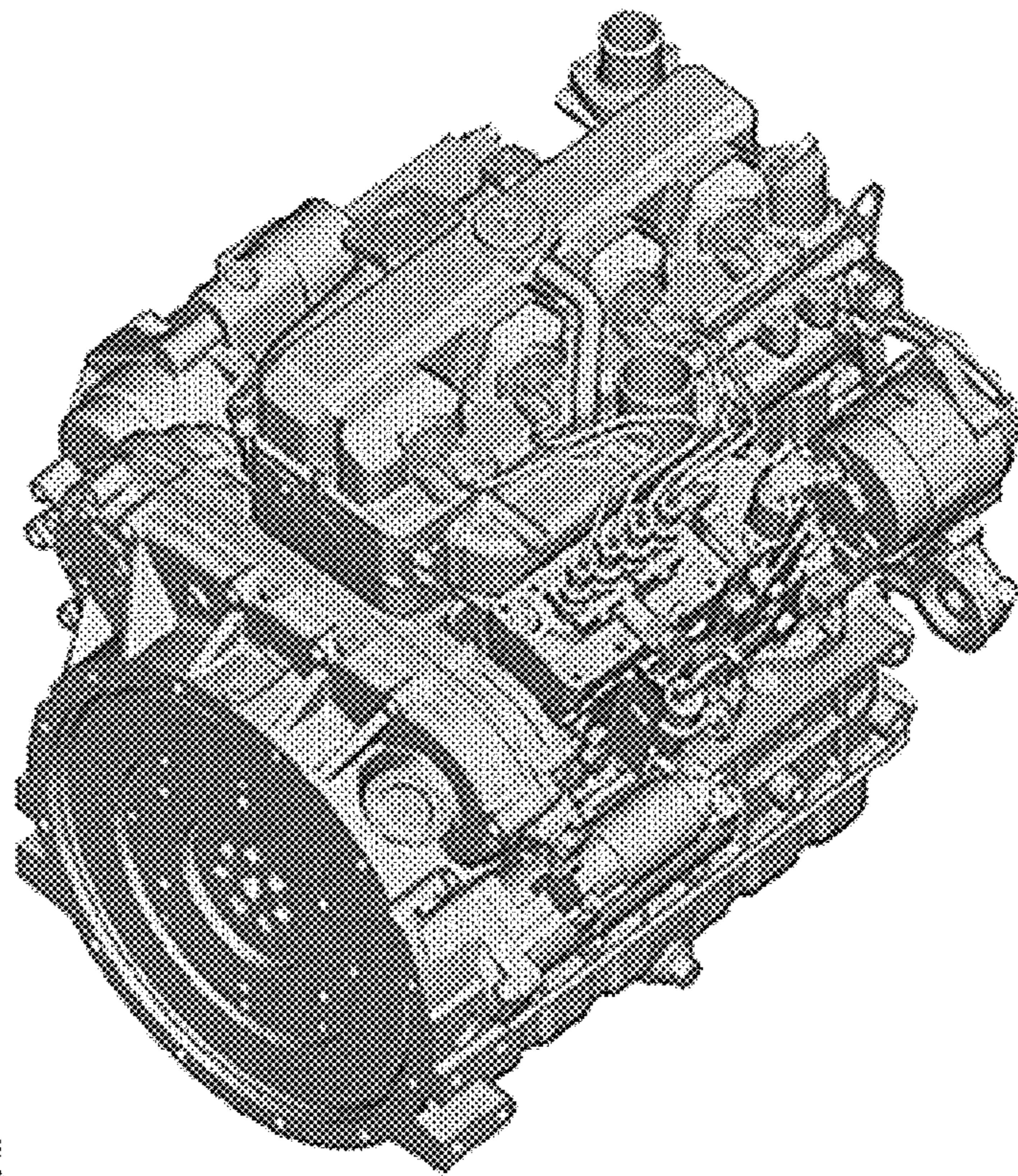


FIG. 43

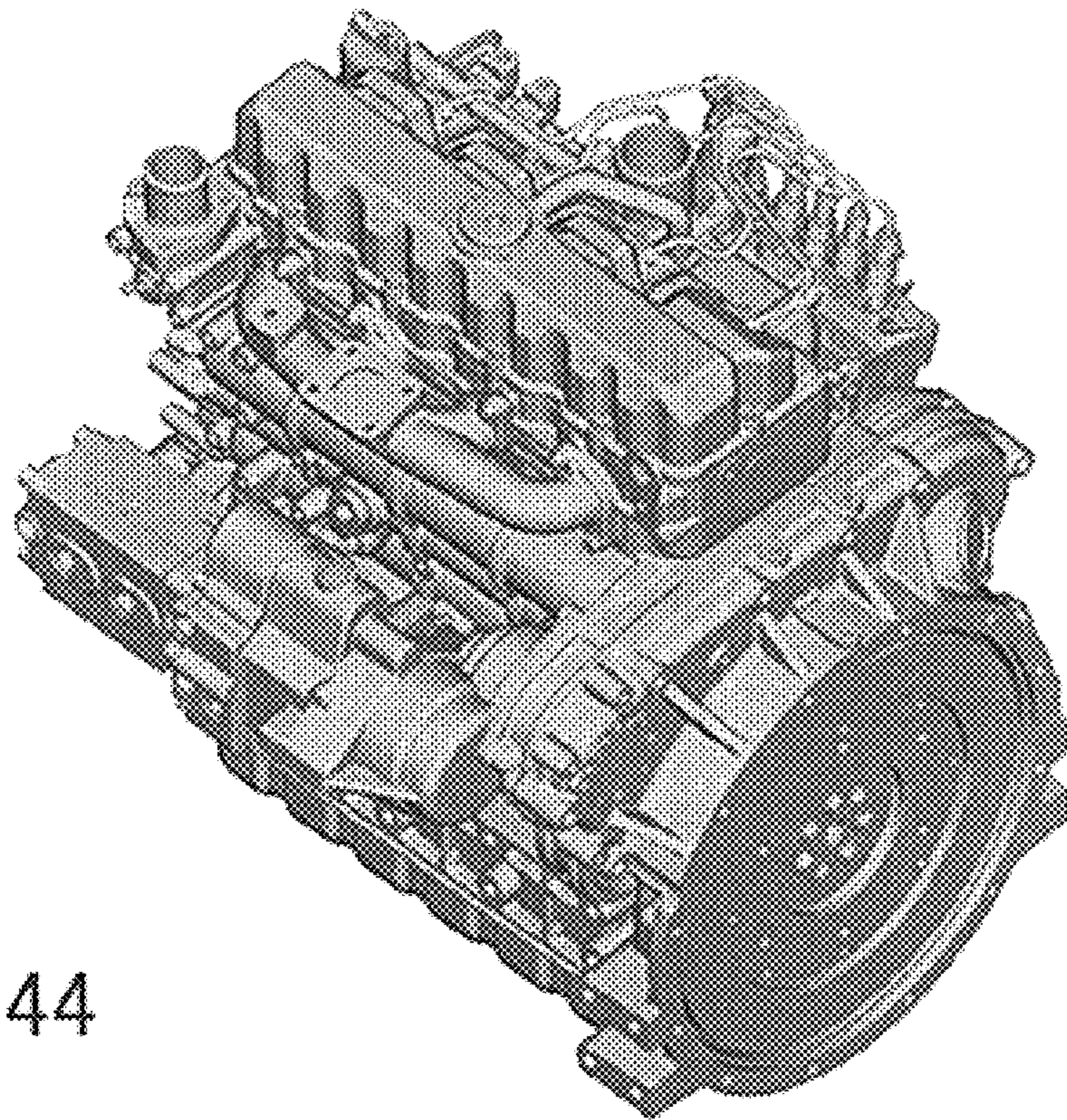


FIG. 44

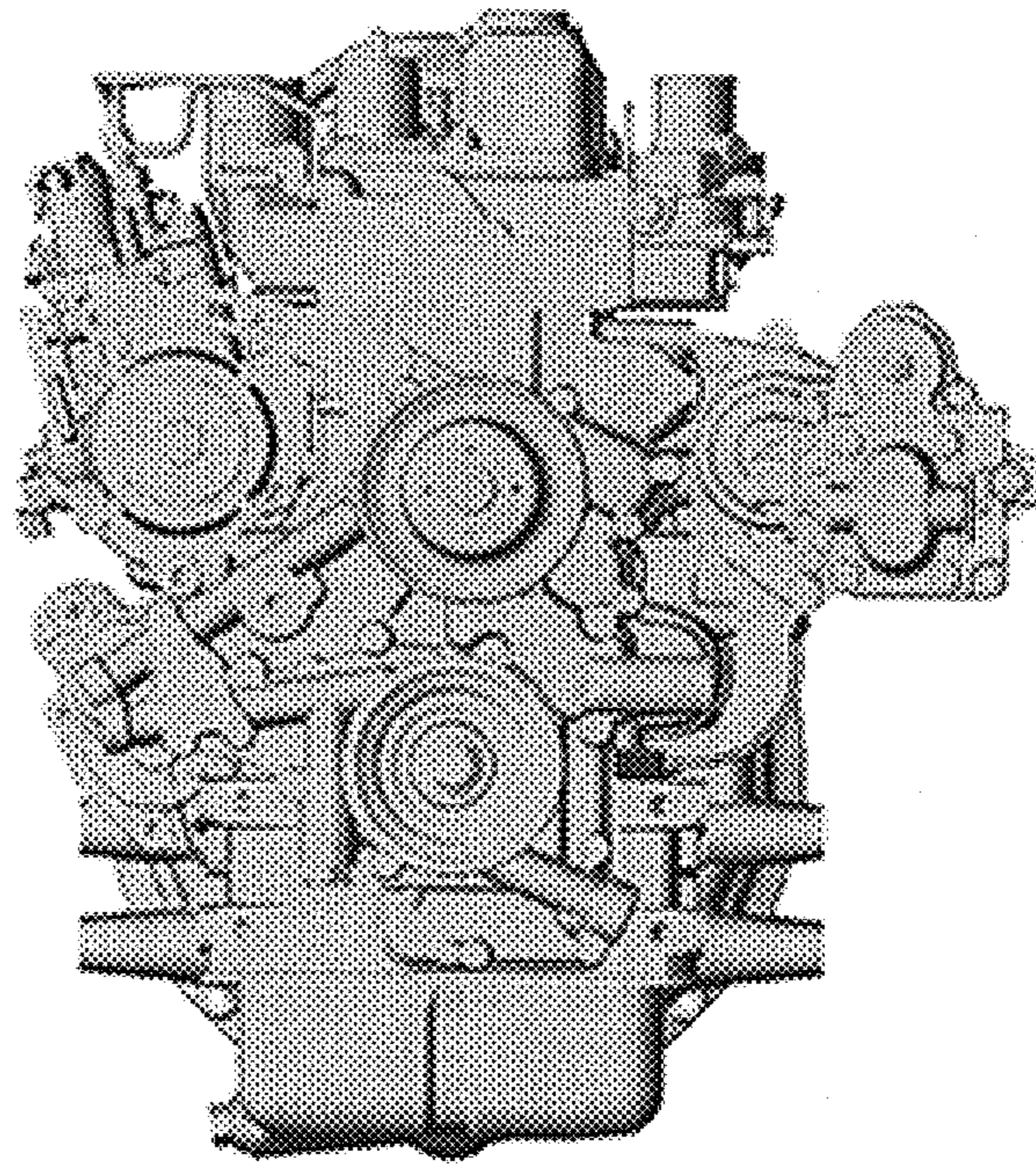


FIG. 45

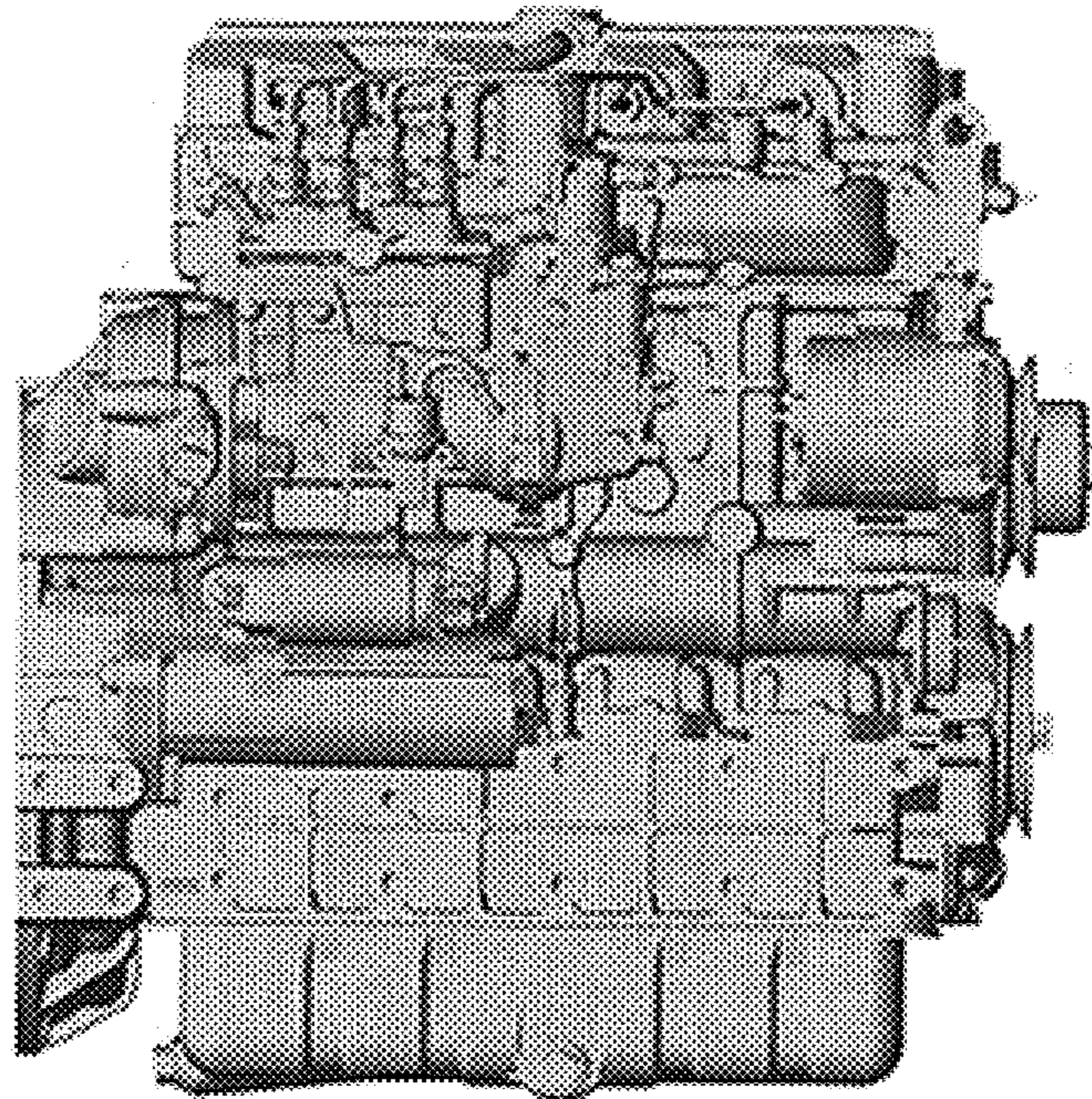


FIG. 46

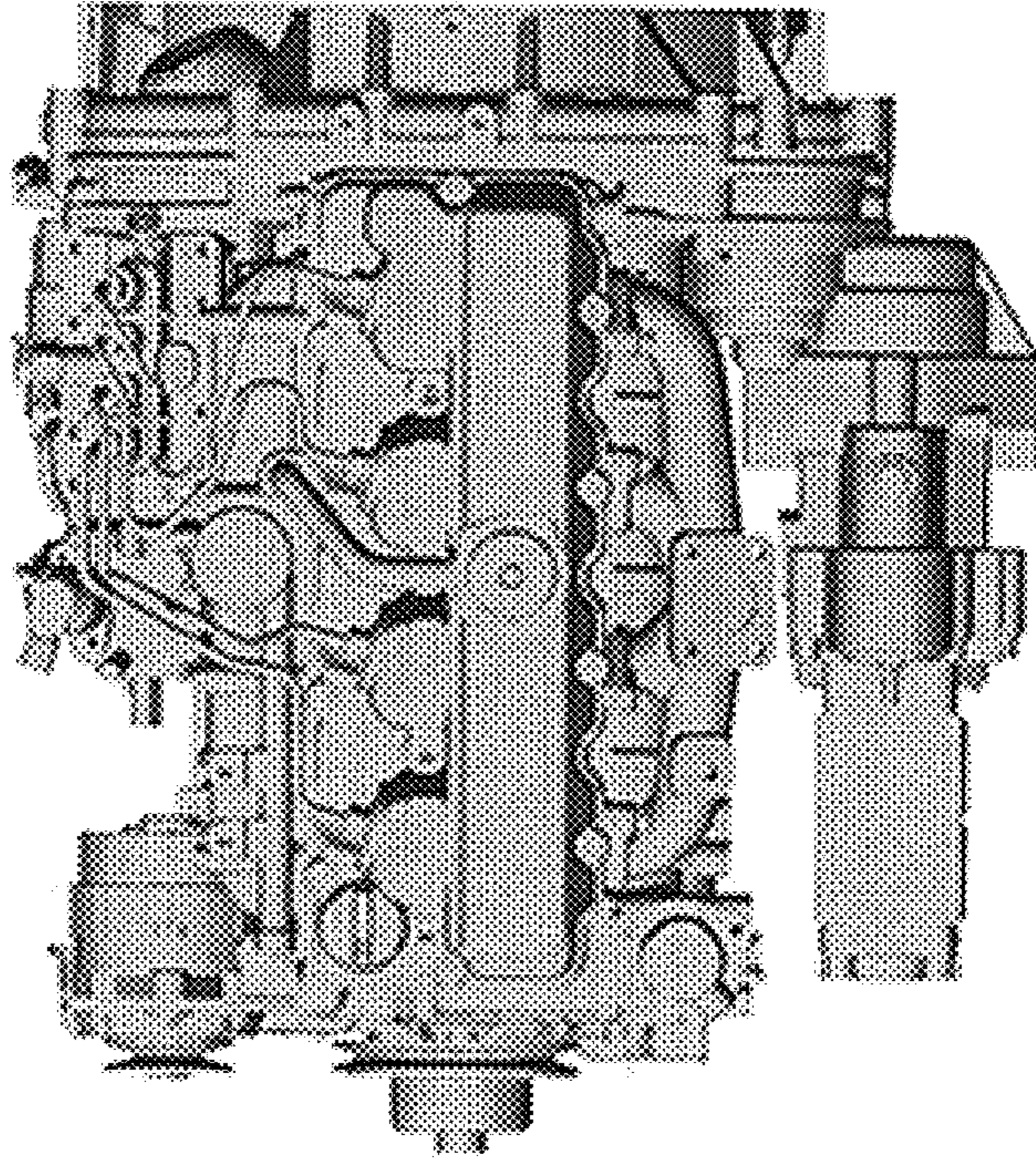


FIG. 47

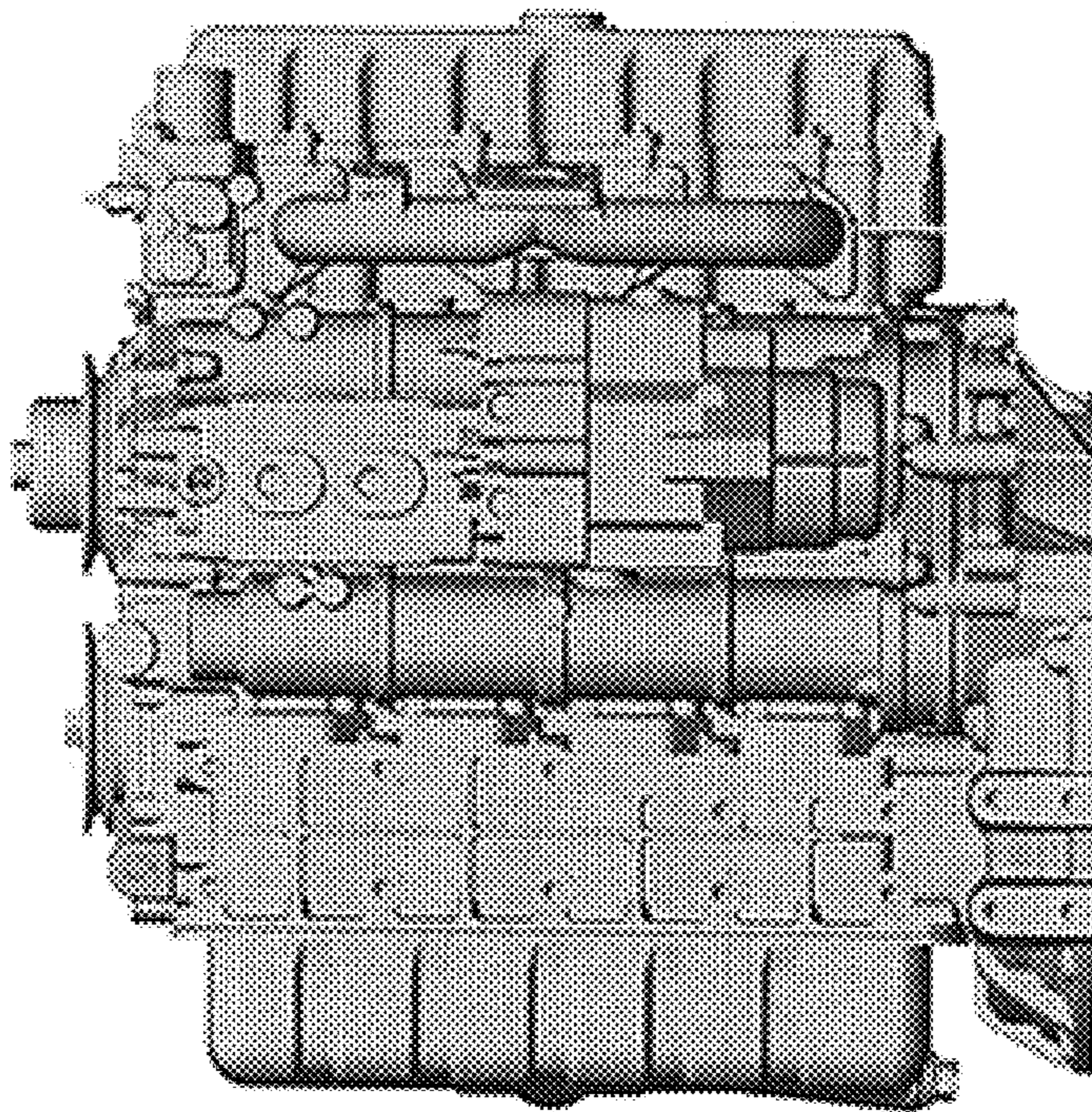


FIG. 48

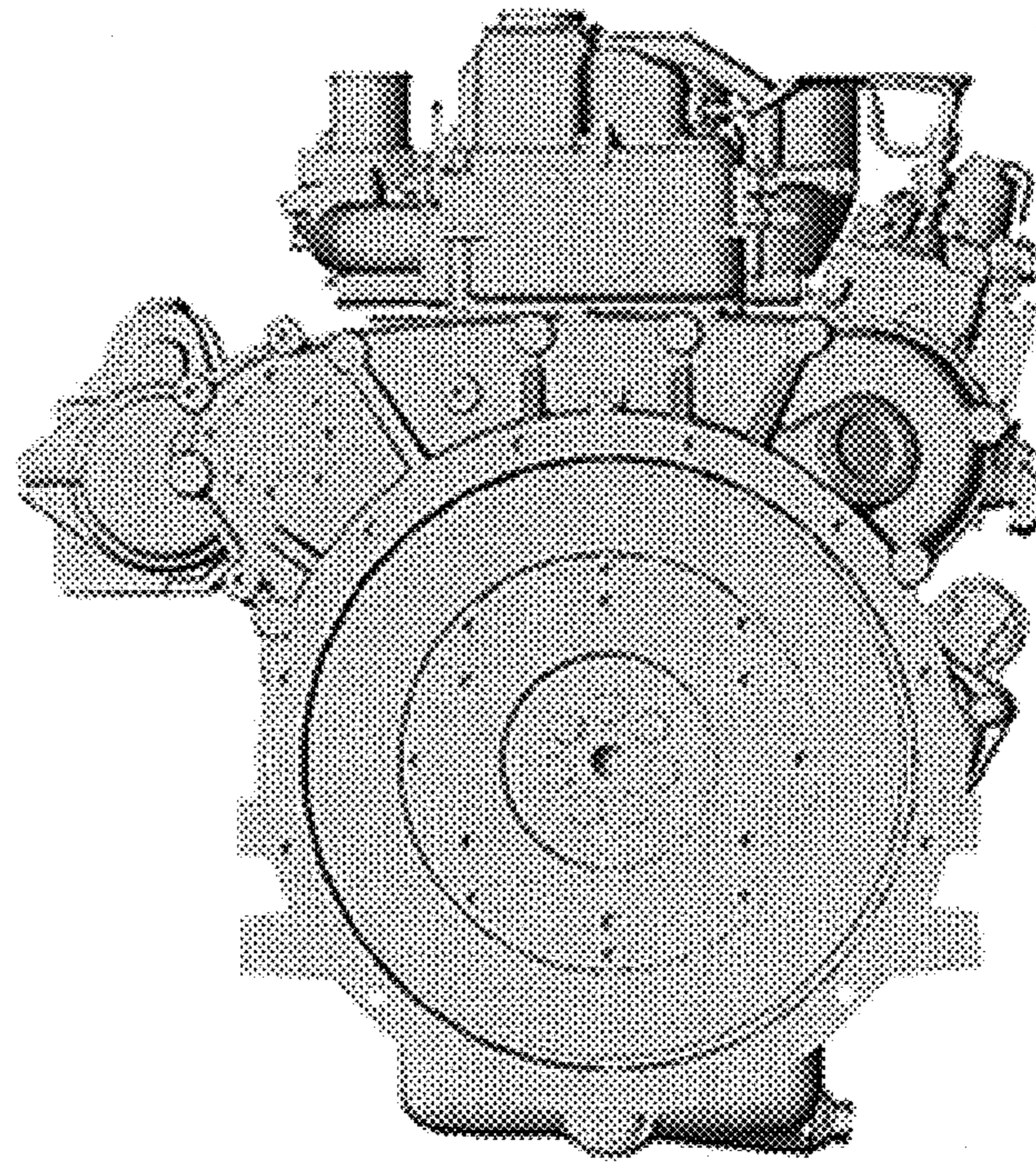


FIG. 49

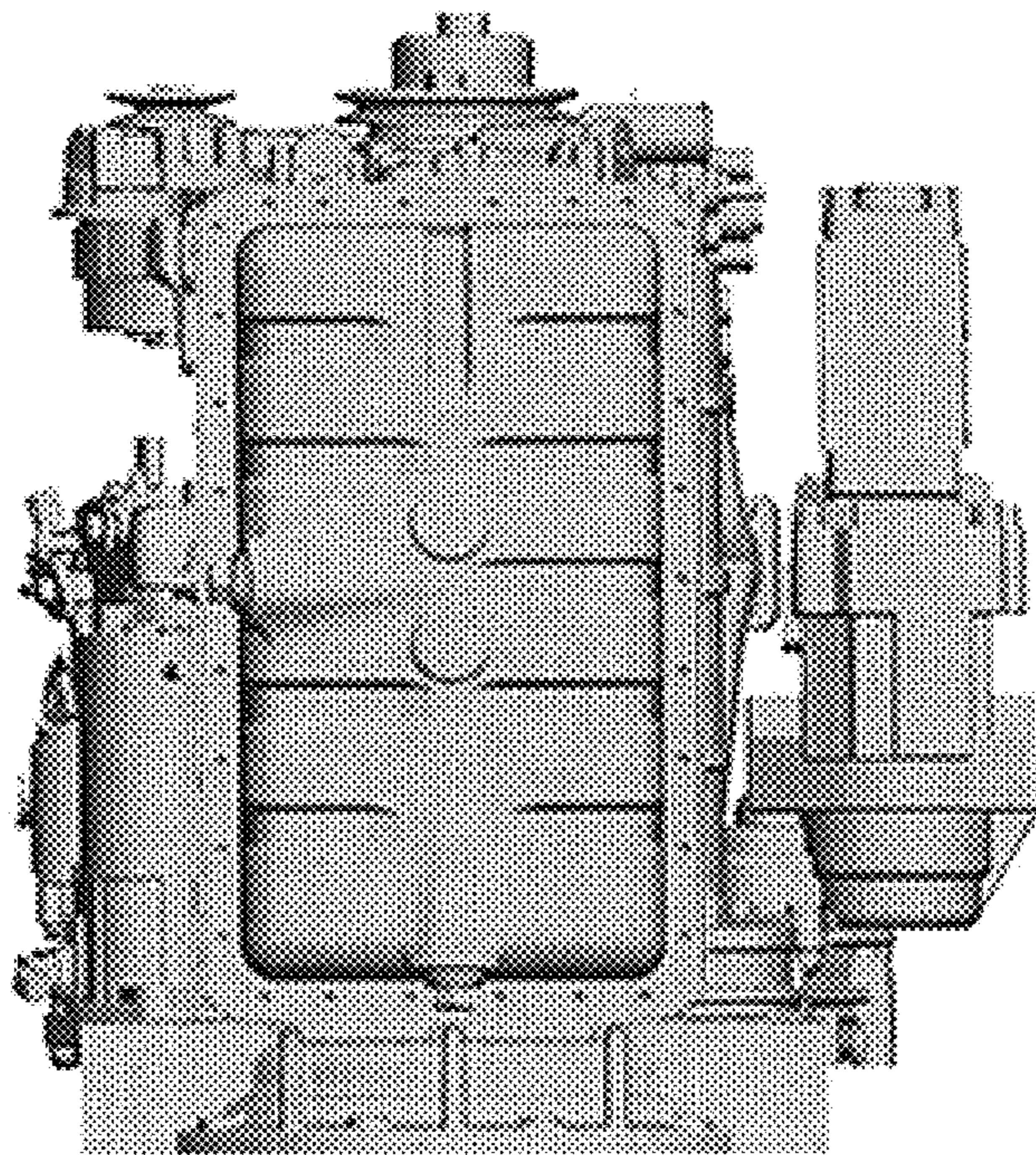


FIG. 50