

**TECHNICAL MANUAL
UNIT, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS (INCLUDING
DEPOT MAINTENANCE REPAIR PARTS AND
SPECIAL TOOLS LISTS)**

**LOADER, SCOOP-TYPE: DED, 4 X 4,
ARTICULATED FRAME STEER,
4-1/2 TO 5 CU YD (CCE)**

**WITH 4-1/2 CU YD ROCK BUCKET
NSN 3805-00-602-5006**

CLARK MEL 1758, TYPE I

**WITH 5 CU YD GENERAL PURPOSE BUCKET
NSN 3805-00-602-5013**

CLARK MODEL 1 TYPE 11

**This manual supersedes TM 53805257-20P, dated 12 November 1988 and
TM 53805257-34P, date d 1 November 1988.**

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HEADQUARTERS, DEPARTMENT OF THE ARMY OCTOBER 1993

TECHNICAL MANUAL

TM 5-3805-257-24P*

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington D.C., 22 October 1993

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NSN 3805-00-602-5006
CLARK MODEL 175B, TYPE I**

**WITH 5 CU YD GENERAL PURPOSE BUCKET
NSN 3805-00-602-5013
CLARK MODEL 175B, TYPE 11**

Current as of 30 November 1992

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (*Recommended Changes to Publications and Blank Forms*), or DA Form 2028-2, located in the back of this manual, direct to: Commander, U.S. Army Tank Automotive Command, ATTN: AMSTA-MB, Warren, MI 48397-5000. A reply will be furnished to you.

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* This manual supersedes TM 5-3805-257-20P, dated 12 November 1988 and TM 5-3805-257-34P, dated 1 November 1988.

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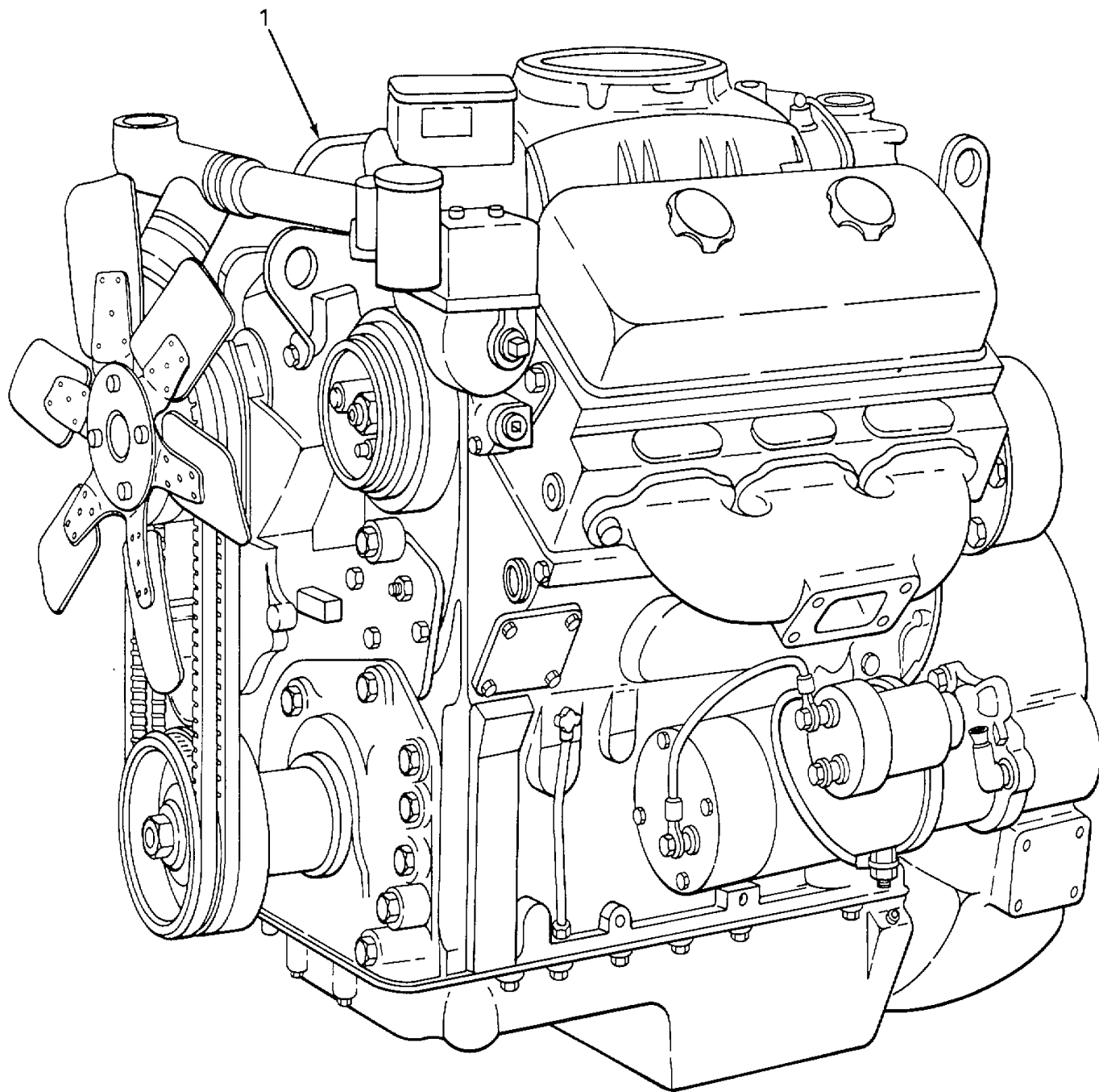
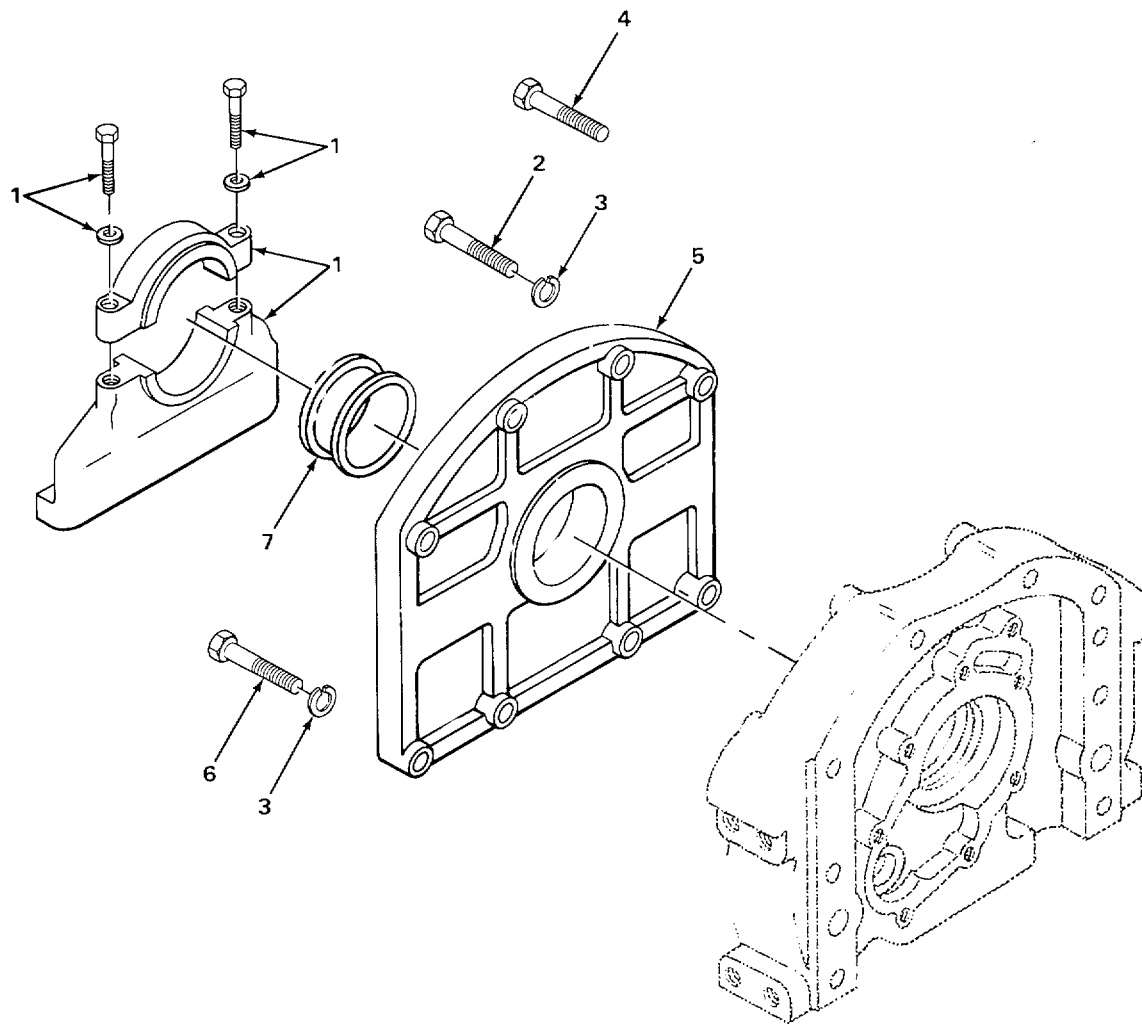


FIGURE 1. ENGINE.

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SECTION II				TM 5-3805-257-24P	
(1)	(2)	(3)	(4)	(5)	(6)
ITEM	SMR		PART	DESCRIPTION AND USABLE ON CODES (UOC)	QTY
NO	CODE	CAGEC	NUMBER		
				GROUP 01 ENGINE	
				GROUP 0100 ENGINE ASSEMBLY	
				FIG. ENGINE	
1	PAFHD	72582	7083-7000	ENGINE, DIESEL.....	1
END OF FIGURE					



TA235464

FIGURE 2. ENGINE MOUNTING.

SECTION II

TM 5-3805-257-24P

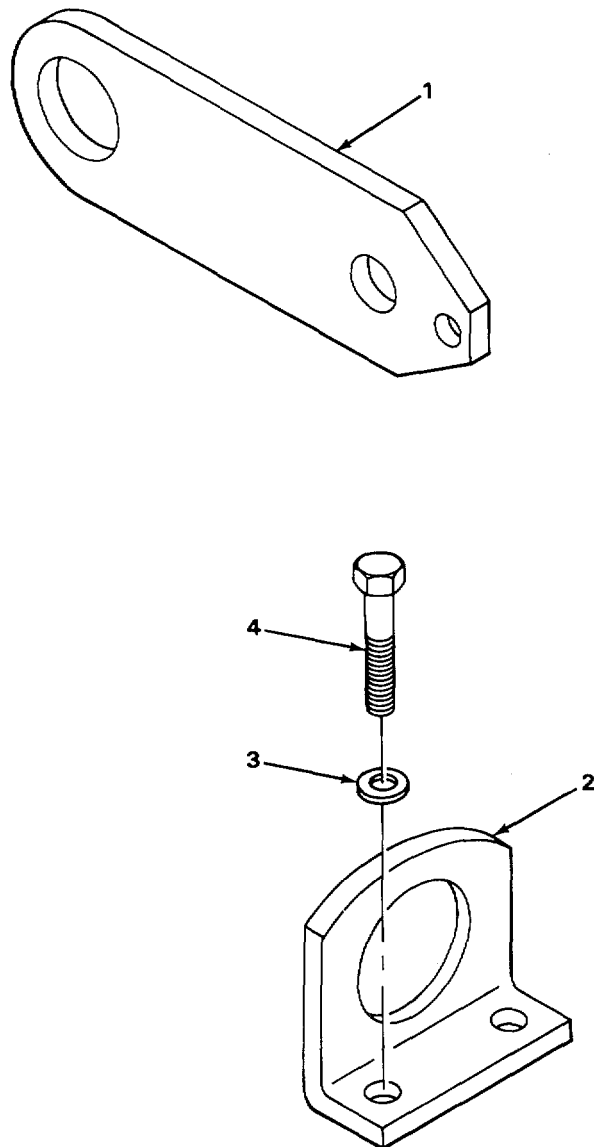
(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
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GROUP 0100 ENGINE ASSEMBLY

FIG. 2 ENGINE MOUNTING

1	PFFZZ	72582	5179360	SUPPORT ASSEMBLY.....	1
2	PFFZZ	96906	MS90728-62	SCREW, CAP, HEXAGON H.....	2
3	PFFZZ	96906	MS35338-8	WASHER, LOCK.....	6
4	PFFZZ	96906	MS90728-74	BOLT	2
5	PFFZZ	72582	5122294	TRUNNION	1
6	PFFZZ	96906	MS90728-124	BOLT	4
7	PFFZZ	72582	5179345	RING	1

END OF FIGURE



TA235465

FIGURE 3. ENGINE LIFTING BRACKETS.

SECTION II

TM 5-3805-257-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
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GROUP 0100 ENGINE ASSEMBLY

FIG. 3 ENGINE LIFTING BRACKETS

1	PFFZZ	72582	5109900	BRACKET, SPECIAL	1
2	PFFZZ	72582	5137761	BRACKET, ENGINE.....	2
3	PFFZZ	96906	MS27183-16	WASHER, FLAT	4
4	PFFZZ	72582	454933	SCREW, CAP, HEXAGON	4

END OF FIGURE

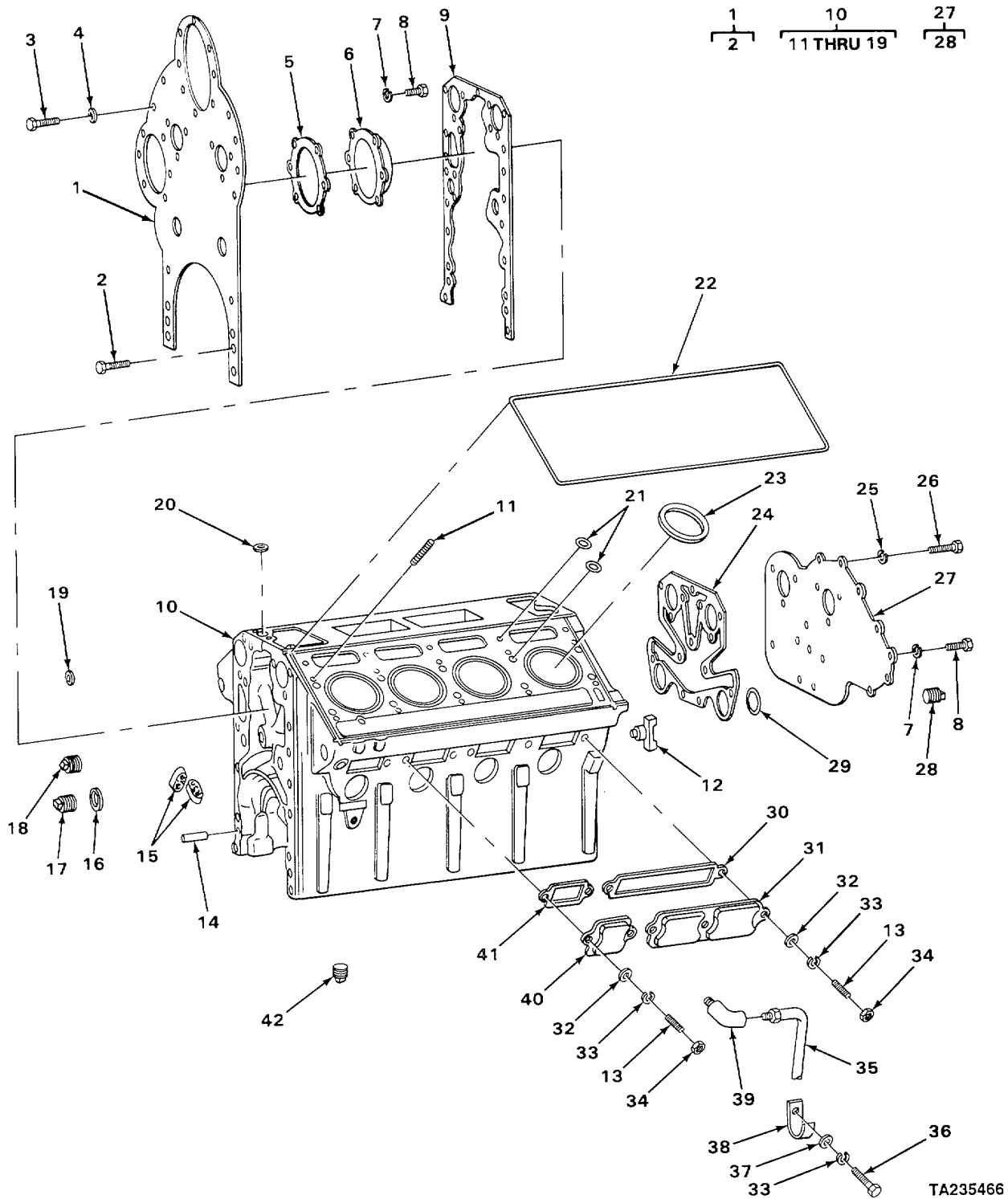


FIGURE 4. CYLINDER BLOCK.

TA235466

SECTION II

TM 5-3805-257-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
GROUP 0101 CRANKCASE, BLOCK CYLINDER HEAD					
FIG 4 CYLINDER BLOCK					
1	PFHZZ	72582	5102562	PLATE, CYLINDER BLOC.....	1
2	PFHZZ	72582	5121459	INSERT, SCREW THREAD	11
3	PFHZZ	96906	90727-57	SCREW CAP, HEXAGON H	2
4	PFHZZ	10001	26585PC88	WASHER, FLAT	2
5	PFHZZ	72582	5117059	GASKET END PLATE COVER PART OF KIT P/N 5196374	1
6	PFHZZ	72582	5117058	COVER, ACCESS.....	1
7	PFHZZ	96906	35338-8	WASHER, LOCK	13
8	PFHZZ	96906	90728-60	SCREW, CAP, HEXAGON H	13
9	PFHZZ	72582	5102551	GASKET PART OF KIT P/N 5196374	1
10	PFHHH	72582	5199137	BLOCK ASSEMBLY-	1
11	PFHZZ	24617	103196	.STUD, PLAIN.....	1
12	PFHZZ	72582	8924140	.COCK. DRAIN	2
12	PFHZZ	96906	35782-6	.COCK, PLAIN	1
13	PFHZZ	24617	5152121	.STUD, PLAIN.....	14
14	PFHZZ	24617	141346	.PIN, STRAIGHT, HEADLE	4
14	PFHZZ	24617	5151576	.PIN, STRAIGHT, HEADLE	4
14	PFHZZ	72582	141214	.PIN, STRAIGHT, HEADLE	3
15	PFHZZ	72582	9428477	.PLUG EXPANSION	1
15	PFHZZ	72582	5139988 4	.PLUG STAINLESS	5
15	PFHZZ	24617	5150014	.PLUG EXPANSION CORE HOLE,	2
15	PFHZZ	72582	5132410	.PLUG EXPANSION STAINLESS	2
15	PFHZZ	72582	5117186	.PLUG EXPANSION STAINLESS	12
15	PFHZZ	72582	5123862	.PLUG EXPANSION SPECIAL	2
15	PFHZZ	72582	5138646	.PLUG, PROTECTIVE, DUS.....	2
16	PFHZZ	72582	5138659	.GASKET PART OF KIT P/N 5196374	2
17	PFHZZ	72582	5111798	.PLUG, PIPE SQUARE SOCKET HEAD	10
17	PFHZZ	72582	8924751	.PLUG, PIPE SQUARE SOCKET HEAD	1
17	PFHZZ	72582	5142549	.PLUG, PIPE SQUARE SOCKET HEAD	6
18	PFHZZ	81348	WW-P-471BCB	.PLUG, PIPE	5
18	PFHZZ	72582	5145014	.PLUG, PIPE MAGNETIC	1
18	PFHZZ	72582	5115214	.PLUG, PIPE	3
18	XDHZZ	73342	5130896	.PLUG, PIPE	2
18	PFHZZ	72582	5144472	.PLUG PRIMED	14
19	PFHZZ	77445	191663	.WASHER FLAT	3
20	PFHZZ	72582	5116122	WASHER FLAT END WATER HOLE.....	6
21	PFHZZ	72582	5186579	GASKET WATER HOLE	12
22	PFHZZ	24617	5119944PC5119973	GASKET PART OF KIT P/N 5196374	2
23	PFHZZ	72582	5183330	GASKET PART OF KIT P/N 5196374	8
24	PFHZZ	72582	5132445	GASKET PART OF KIT P/N 5196374	1
25	PFHZZ	96906	35338-48	WASHER LOCK	2
26	PFHZZ	96906	90728-109	SCREW, CAP, , HEXAGON H	2
27	PFHZZ	72582	5132422	PLATE, CYLINDER BLOC.....	1
28	PFHZZ	72582	5121459	.INSERT, SCREW THREAD	13
29	PFHZZ	72582	5121835	GASKET PART OF KIT PIN 5196374	1
30	PFHZZ	72582	5132572	GASKET LARGE PART OF KIT P/N 5196374	2

SECTION II

TM 5-3805-257-24P

(1) ITEM NO	(2) SMR CODE	(3) CAGEC	(4) PART NUMBER	(5) DESCRIPTION AND USABLE ON CODES (UOC)	(6) QTY
31	PFHZZ	72582	5144186	COVER, ACCESS LARGE	2
32	PFHZZ	96906	M27183-12	WASHER, FLAT	14
33	PFHZZ	96906	M35338-45	WASHER, LOCK	15
34	PFHZZ	96906	M51968-5	NUT, PLAIN, HEXAGON	14
35	PFHZZ	72582	5144327	TUBE ASSEMBLY, METAL	2
36	PFHZZ	96906	M90728-32	BOLT, MACHINE	1
37	PFHZZ	96906	M27183-12	WASHER, FLAT	1
38	XOHZZ	72582	5159490	CLIP	1
39	PFHZZ	79470	W400X5	ELBOW, PIPE TO TUBE	2
40	PFHZZ	72582	5132458	COVER, ACCESS MALL	4
41	XDHZZ	72582	5132924	GASKET MALL PART OF KIT P/N..... 5196374	4
42	PFHZZ	00501	87708-	PLUG, PIPE	2

END OF FIGURE