

TECHNICAL MANUAL

OPERATOR, ORGANIZATIONAL,

DIRECT SUPPORT, AND GENERAL SUPPORT

MAINTENANCE MANUAL

(INCLUDING REPAIR PARTS AND

SPECIAL TOOLS LIST)

FOR

TRUCK, FIREFIGHTING, MINI-PUMPER

18,000 GVW

NSN 4210-01-026-2567

Approved for public release; distribution is unlimited

HEADQUARTERS, DEPARTMENT OF THE ARMY

17 JUNE 1987

VOLUME 2

Section III

International Shop Manual

Section IV

International Parts Manual

Section V

Vendor Technical Manuals

Section VI

Transmission Manual

SECTION III

MT-140
REV. NO. 04

PARTS CATALOG

S - SERIES MODELS

1624, 1654, 1724, 1754
1723, 1823, 1853, 1853FC
1824, 1854, 1924, 1954
1824-4X4, 1854-4X4
F1924, F1924-6X6
F1954, F1954-6X6
1925, 1955
2125, F2125, 2155

INTERNATIONAL TRUCKS

HOW THIS CATALOG CAN SERVE YOU

International Vehicles are custom built to meet the specific needs of individual customers. That's why there are so many customer options in transmissions, rear axles, propeller shafts, and other components. To service a truck properly, you must have the parts that match its specifications. You can do that only if you find the right part numbers.

This catalog guides you to the right part numbers quickly.

JAN 1982

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INSERT HEADING

	FIG NO	FICHE LOC	
FRAME ASSEMBLY INCLUDES SPRING BRACKETS BUT DOES NOT INCLUDE BUMPER.. FRAME ASSEMBLY MUST BE ORDERED BY DESCRIPTION FURNISHING MODEL AND CHASSIS SERIAL NMBER			
DECK PLATE CODE 018931	01-008	A09	
FRAME ASSEMBLY EXCEPT F1924,F1954,F2125 MODELS FOR F1924, F1954, F2125 MODELS	01-004 01-005	A07 A08	
FRAME EXTENSION-CODE 01636	01-002	A05	
FRONT BUMPER STANDARD EXCEPT 2125, 2155, F2125 MODELS FOR 2125, 2155, F2125 MODELS	01-007 01-008	A09 A10	
CODE 01619 CODE 01636	01-007 01-002	A09 A05	
FRONT TOW HOOK CODE 01570	01-002	A05	
REAR TOWING EYE CODE 01580	01-003	A05	
TIRE CARRIER UNDERSLUNG	01-001	A04	
TOW PIN CROSMEMBER	01-002	A05	



	FIG NO	FICHE LOC	
HOLD FOR FUTURE USE			



MT140 GROUP 01-FRAME AND BUMPER

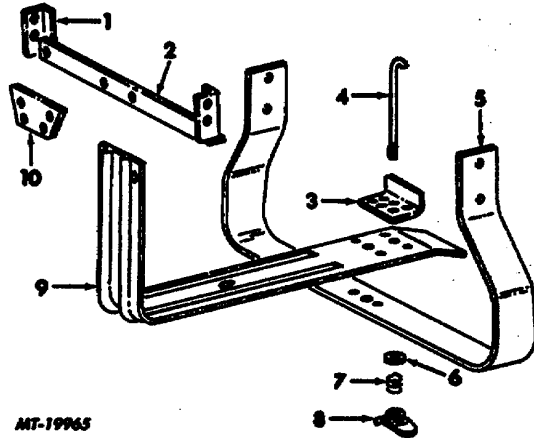
MT140 GROUP 01-FRAME AND BUMPER

REF NO.	PART NUMBER	DESCRIPTION
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REF NO.	PART NUMBER	DESCRIPTION
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FIG. 01-001

TIRE CARRIER -UNDERSLUNG-



1	487 176 C1	BRACKET, HANGER SUPPORT
	487 177 C1	LEFT
	140 143 H	RIGHT
	9 413 979	BOLT, HEX-HD 3/8NC X 1-3/4 -4-
	25 709 R1	NUT, HEX. LOCK 3/8NC -4-
		WASHER, FLAT 3/8 -UPPER HOLES- -2-
2	484 894 C2	ANGLE, TIRE CARRIER
	24 882 R1	BOLT, HEX-HD 1/2NC X 1-3/4 -2-
	9 412 230	NUT, HEX. LOCK 1/2NC -2-
	25 710 R1	WASHER, FLAT 1/2 -4-
3	161 254 R1	STOP, RIM
	24 840 R1	BOLT, HEX-HD 3/8NC X 1 -2-
	9 413 979	NUT, HEX. LOCK 3/8NC -4-
4		BOLT, RIM CLAMP
	61 584 HB	10-11/16 LONG -2-
	85 707 R1	12-1/8 LONG -2-
	85 706 R1	12-5/8 LONG -2-
5	879 248 R1	HANGER, TIRE CARRIER -WILL WORK FOR 61E72H-
	414 052 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -4-
	414 053 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -4-
	414 087 C1	NUT, HEX-FLG LOCK 1/2NF -4-
6	25 710 R1	WASHER, FLAT 1/2 -2-
7	26 936 H	SPRING, RIM CLAMP BOLT -2-
8	130 624 R11	NUT, RIM CLAMP BOLT WING -2-
9	61 571 HX	PLATE, TIRE CARRIER, ASSY
	24 841 R1	BOLT, HEX-HD 3/8NC X 1-1/2 -2-
	24 861 R1	BOLT, HEX-HD 1/2NC X 1-3/4 -2-
	9 413 979	NUT, HEX. LOCK 3/8NC -2-
	9 412 230	NUT, HEX. LOCK 1/2NC -2-
10	484 892 C2	PLATE, TIRE CARRIER
	24 861 R1	BOLT, HEX-HD 1/2NC X 1-3/4 -2-
	9 412 230	WASHER, LOCK 1/2 -2-



MT140 GROUP 01-FRAME AND BUMPER

MT140 GROUP

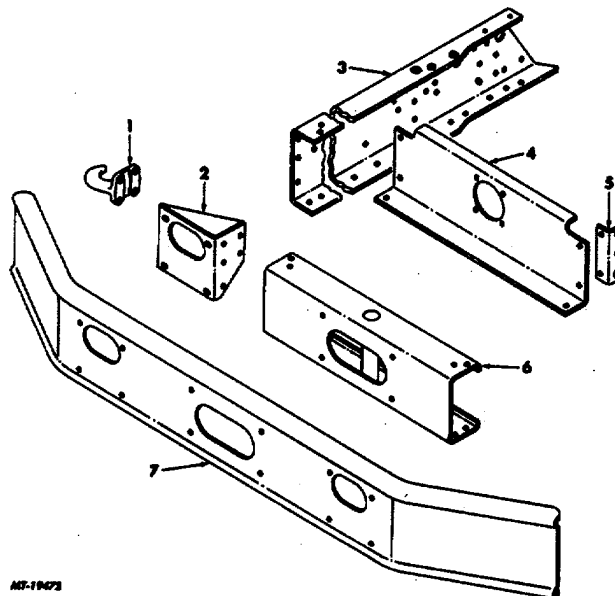
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REF NO.	PART NUMBER	DESCRIPTION
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FIG. 01-002

FRONT BUMPER, TOW HOOK, FRAME EXTENSION

FIG.01-002 CONTINUED



MT-10473

1	473 210 C1	HOOK, TOW
	492 825 C1	LEFT
	414 052 C1	RIGHT
	414 054 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -4-
	414 056 C1	BOLT, HEX-FLG-HD 1/2NF X 2 -4-
	414 087 C1	BOLT, HEX-FLG-HD 1/2NF X 2-1/2 -4-
		NUT, HEX-FLG-HD 1/2NF -8-
2	474 820 C1	BRACKET, BUMPER, ASSY
	474 822 C1	LEFT
	414 053 C1	RIGHT
	414 087 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -4-
		NUT, HEX-FLG-HD 1/2NF -10-
3	477 617 C1	EXTENSION, FRAME
	477 618 C1	LEFT
		RIGHT
4	471 678 C2	CROSSMEMBER, HYDRAULIC PUMP MOUNTING
	414 051 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/4 -6-
	414 053 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -4-
	414 087 C1	NUT, HEX-FLG-HD 1/2NF -10-
5		BRACKET, CROSSMEMBER MOUNTING -MAKE
		LOCALLY- -2-
6	482 551 C2	CROSSMEMBER, TOW PIN, ASSY
	414 052 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/4 -8-
	475 874 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -8-
	414 087 C1	NUT, HEX-FLG-HD 1/2NF -8-
7	471 458 C3	BUMPER, FRONT
	475 872 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/4 -8-
	475 874 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -4-
	414 087 C1	NUT, HEX-FLG-HD 1/2NF -12-

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FIG. 01-002

REV.4

PAGE NO. 4



MT140 GROUP 01- FRAME AND BUMPER

MT140 GROUP -01 FRAME AND BUMPER

REF	PART
NO.	NUMBER

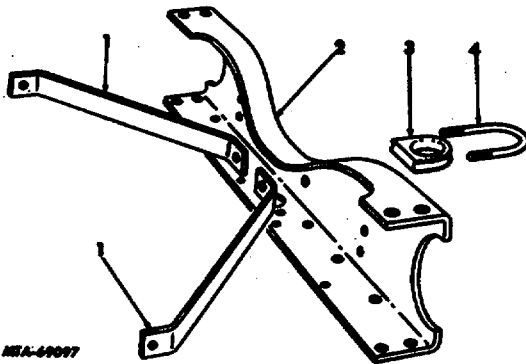
DESCRIPTION

REF	PART
NO.	NUMBER

DESCRIPTION

FIG. 01-003

TOWING EYE



- | | | |
|---|------------|------------------------------------|
| 1 | 479 875 C1 | BRACE, TOWING EYE -2- |
| | 414 052 C1 | BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -4- |
| | 414 053 C1 | BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -4- |
| | 414 087 C1 | NUT, HEX-FLG-HD 1/2NF -4- |
| 2 | 491 525 C2 | CROSSMEMBER, REAR |
| | 414 051 C1 | BOLT, FLG-HD 1/2NF X 1-1/4 -6- |
| | 414 053 C1 | BOLT, FLG-HD 1/2NF X 1-3/4 -6- |
| | 414 087 C1 | NUT, FLG LOCK 1/2NF -6- |
| 3 | 1 783 V | EYE, TOWING |
| 4 | 30 888 HA | U-BOLT, TOWING EYE |
| 9 | 414 004 | NUT, LOCK HEX 1-1/8NF X 12 -2- |



MT140 GROUP 01-FRAME AND BUMPER

MT140 GROUP 01-FRAME AND BUMPER

REF NO.	PART NUMBER	DESCRIPTION
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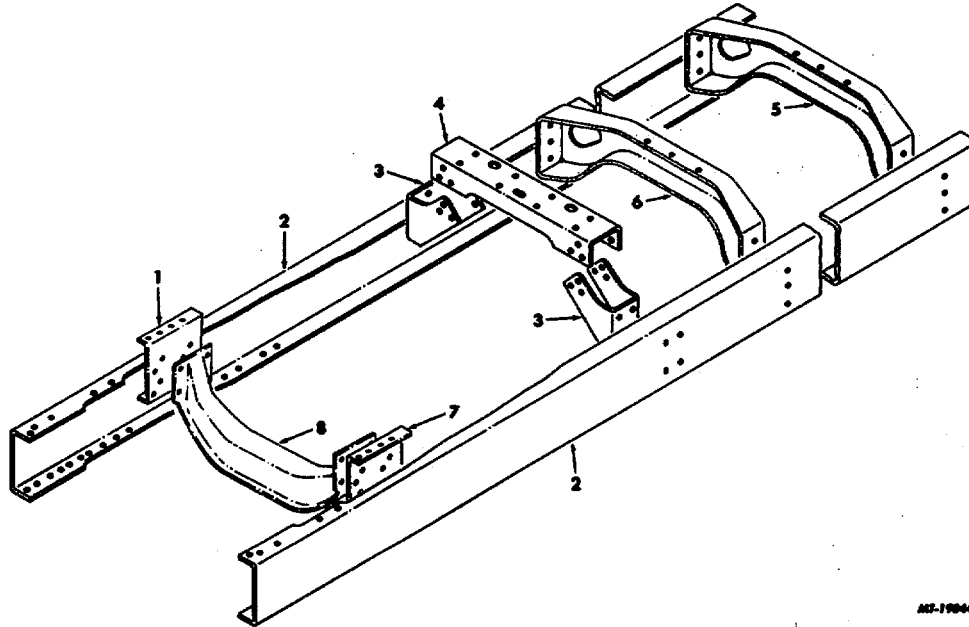
REF NO.	PART NUMBER	DESCRIPTION
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FIG. 01-004

FRAME ASSEMBLY

FIG. 01-004 CONTINUED

FRAME ASSEMBLY



A27-19004

1	471 631 C1	CHANNEL, ENGINE FRONT MOUNTING RIGHT
	494 193 C2	D150, 170, 190, V537, 3208 ENGINES
	471 635 C2	9.0 LITER ENGINE
	471 641 C1	V345, 392, MV404, 446 ENGINES
	414 052 C1	DT466, DT1466B ENGINES
	414 053 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -10-
	414 087 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -10-
		NUT, HEX-LOCK 1/2NF -10-
2		SIDEMEMBER -ORDER BY DESCRIPTION-
3		GUSSET, CROSSMEMBER -2-
		EXCEPT 2125, 2155 MODELS
	468 836 C1	LEFT
	468 837 C1	RIGHT
	473 322 C2	FOR 2125, 2155 MODELS
	104 131	RIVET, RD-HD 1/2 X 1-3/8 -12-
4		CROSSMEMBER, CAB REAR
		EXC FBC CODE 18010
		EXC 2125, 2155 MODELS
	484 261 C2	W/O DT466 ENGINE
	484 571 C1	W/DT466 ENGINE
	473 323 C2	FOR 2125, 2155 MODELS
	484 261 C2	FOR FBC CODE 18010
	414 052 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -W/O
		REINF- -12-
	414 053 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -W/
		REINF- -12-
	414 087 C1	NUT, HEX-LOCK 1/2NF -12-
	473 323 C2	CROSSMEMBER, CAB REAR REAR -TRAVELCREW
		ONLY-
	501 759 C1	BRACKET, CENTER BRG -EXC V345, 392 ENG-
		-TRAVELCREW ONLY-
	414 051 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/4 -2-
	414 087 C1	NUT, HEX-FLG LOCK 1/2NF -2-
5	571 427 C2	CROSSMEMBER, REAR SPRING -WILL WORK FOR
		473389C2, 491525C3- -4-
	414 052 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -24-
	414 078 C1	BOLT, HEX-FLG-HD 5/8NF X 2 -24-
	414 089 C1	NUT, HEX-FLG. LOCK 5/8NF -24-
	12 014 R1	RIVET, RD-HD 1/2 X 1-1/4 -8-

6	493 738 C4	CROSSMEMBER, FRAME -WILL WORK FOR
		493528C4- -AR-
	414 052 C1	BOLT, HEX-FLG-HD 1/2 X 1-1/2 -AR-
	414 087 C1	NUT, HEX-LOCK 1/2NF -AR-
	104 131	RIVET, RD-HD 1/2 X 1-3/8 -W/O REINF-
		-AR-
	12 017 R1	RIVET, RD-HD 1/2 X 1-5/8 -W/REINF-AR-
7		CHANNEL, ENGINE MOUNTING LEFT
	471 630 C1	D150, 170, 190, V537, 3208 ENGINES
	494 192 C2	9.0 LITER ENGINE
	471 634 C2	V345, 392, MV404, 446 ENGINES
	471 640 C1	DT466, DT1466B ENGINES
	414 052 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -8-
	414 053 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -8-
	414 087 C1	NUT, HEX-LOCK 1/2NF -8-
8	492 077 C2	CROSSMEMBER, ENGINE FRONT -WILL WORK
		FOR 473915C1-
	414 052 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -8-
	414 087 C1	NUT, HEX. LOCK 1/2NF -8-
		CROSSMEMBER, ENGINE REAR
		UPPER FRAME TIE
	580 189 C1	W/9.0L ENGINE AND 13312, 13672,
		13674 TRANSMISSIONS
	580 191 C1	W/9.0L ENGINE AND 13326, 13464
		TRANSMISSIONS, W/DT466 ENGINE AND
		13464 TRANSMISSION
	579 107 C1	W/DT466 ENGINE AND 13312, 13672,
		13674 TRANSMISSIONS
		LOWER FRAME TIE
	505 245 C3	W/9.0L ENGINE
	505 847 C4	W/DT466 ENGINE
	414 051 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/4 -4-
	414 087 C1	NUT, HEX-FLG. LOCK 1/2NF -4-

FIG. 01-004