

TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL AND DIRECT SUPPORT
MAINTENANCE MANUAL
(INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST)

TRUCK, FIRE FIGHTING, 4x4,

MODEL 1350 PKP/200 AFFF

NSN 4210-00-484-5729

ANSUL FIRE PROTECTION

HEADQUARTERS, DEPARTMENT OF THE ARMY

29 DECEMBER 1986

MT - 140
REV. NO. 04

PARTS CATALOG

S - SERIES MODEL C

1624, 1654, 1724, 1754

1723, 1823, 1853, 1853FC

1824, 1854, 1924, 1954

1824-4X4, 1854-4X4

F1924, F1924-6X6

F1954, FI 954-6X6

1925, 1955

2125, F2125, 2155

**I N T E R N A T I O N A L
T R U C K S**

H O W T H I S C A T A L O G C A N S E R V E Y O U

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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MT-140 GROUP 01-FRAME AND BUMPER



	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 NUMBER			
DECK PLATE -CODE 01831-	01-006	A09-	
FRAME ASSEMBLY EXCEPT F1924, F1954, F2126 MODELS FOR F1924, F1954, F2125 MODELS	01-004 01-0056	A07 -OB	
FRAME EXTENSION -CODE 01836-	01-002	A05	
FRONT BUMPER STANDARD EXCEPT 2125, 2155, F2125 MODELS FOR 2126, 2155, F2125 MODELS CODE 01619 CODE 01636	01-007 01-008 01-007 01-002	A09 A10 A09 A05	
FRONT TOW HOOK -CODE 01570-	01-002	A05	
REAR TOWING EYE -CODE 01680-	01-003	A06	
TIRE CARRIER -UNDERSLUNG-	01-001	A04	
TOW PIN CROSSMEMBER	01-002	A05	



	FIG NO	FICHE LOC	
HOLD FOR FUTURE USE			

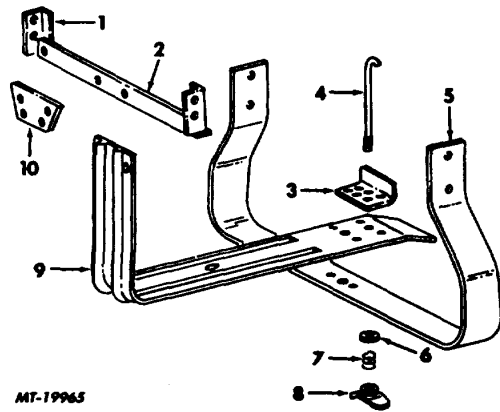


MT140 GROUP 01- FRAME AND BUMPER

REF NO.	PART NUMBER	DESCRIPTION
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FIG. 01-001

TIRE CARRIER -UNDERSLUNG-



1	487 176 C1 487 176 C1 487 177 C1 140 143 H 9 413 979 25 709 R1	BRACKET, HANGER SUPPORT LEFT RIGHT BOLT, HEX-HD 3/8NC X 1-3/4 -4- NUT, HEX. LOCK 3/8NC -4- WASHER, FLAT 3/8 -UPPER HOLES- -2-
2	484 894 C2 24 862 R1 9 412 230 25 710 R1	ANGLE, TIRE CARRIER BOLT, HEX-HD 1/2NC X 1-3/4 -2- NUT, HEX. LOCK 1/2NC -2- WASHER, FLAT 1/2 -4-
3	161 254 R1 24 840 R1 9 413 979	STOP, RIM BOLT, HEX-HD 3/8NC X 1 -2- NUT, HEX. LOCK 3/8NC -4-
4	61 564 HB 85 707 R1 85 706 R1	BOLT, RIM CLAMP 10-11/1e LONG -2- 12-1/8 LONG -2- 12-5/8 LONG -2-
5	879 248 R1 414 052 C1 414 053 C1 414 087 C1	HANGER, TIRE CARRIER -WILL WORK FOR 61572H- BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -4- BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -4- 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 24 841 R1 24 861 R1 9 413 979 9 412 230	PLATE, TIRE CARRIER, ASSY BOLT, HEX-HD 3/8NC X 1-1/2 -2- BOLT, HEX-HO 1/2NC X 1-3/4 -2- NUT, HEX. LOCK 3/8NC -2- NUT, HEX. LOCK 1/2NC -2-
10	484 892 C2 24 861 R1 9 412 230	PLATE, TIRE CARRIER BOLT, HEX-HO 1/2NC X 1-3/4 -2- WASHER, LOCK 1/2 -2-



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MT140 GROUP 01- FRAME AND BUMPER



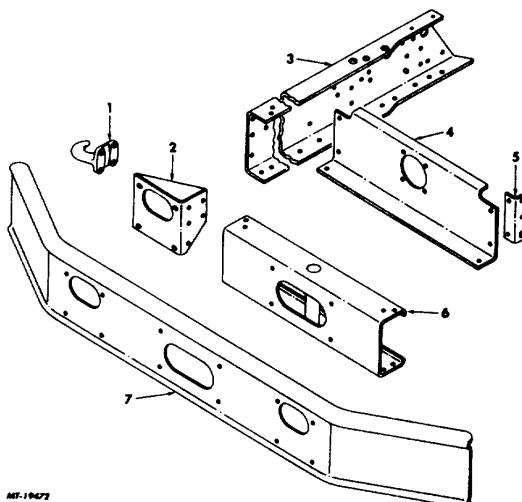
MT140 GROUP 01- FRAME AND BUMPER

REF NO.	PART NUMBER	DESCRIPTION
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REF NO.	PART NUMBER	DESCRIPTION
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FIG. 01-002
FRONT BUMPER, TOW HOOK, FRAME EXTENSION

FIG. 01-002 CONTINUED
FRONT BUMPER, TOW HOOK, FRAME EXTENSION



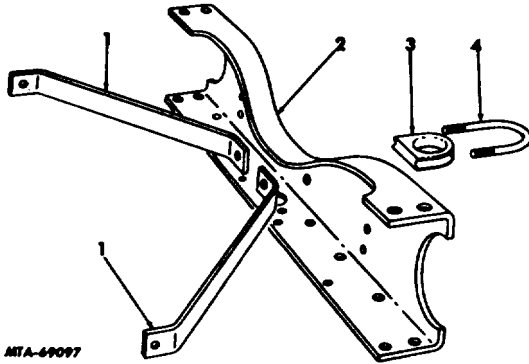
1		HOOK, TOW
	473 210 C1	LEFT
	492 825 C1	RIGHT
	414 052 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -4-
	414 054 C1	BOLT, HEX-FLG-HD 1/2NF X 2 -4-
	414 056 C1	BOLT, HEX-FLG-HO 1/2NF X 2-1/2 -4-
	414 087 C1	NUT, HEX-FLG-HD 1/2NF -B-
2		BRACKET, BUMPER, ASSY
	474 820 C1	LEFT
	474 822 C1	RIGHT
	414 853 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -4-
	414 87 C1	NUT, HEX-FLG-HD 1/2NF -10-
3		EXTENSION, FRAME
	477 617 C1	LEFT
	477 618 C1	RIGHT
4		CROSSMEMBER, HYDRAULIC PUMP MOUNTING
	471 678 C2	
	414 051 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/4 -B-
	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		CROSSMEMBER, TOW PIN, ASSY
	482 551 C2	
	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		BUMPER, FRONT
	471 458 C3	
	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-



MT140 GROUP 01- FRAME AND BUMPER

REF NO.	PART NUMBER	DESCRIPTION
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FIG. 01-003
TOWING EYE



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|---|------------|------------------------------------|
| 1 | 479 875 C1 | BRACE, TOWING EYE -2- |
| | 414 052 C1 | BOLT, HEX-FLG-HO 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 -8- |
| 3 | 1 783 V | EYE, TOWING |
| 4 | 30 688 HA | U-BOLT, TOWING EYE |
| | 9 414 004 | NUT, LOCK HEX 1-1/8NF X 12 -2- |



MT140 GROUP 01- FRAME AND BUMPER

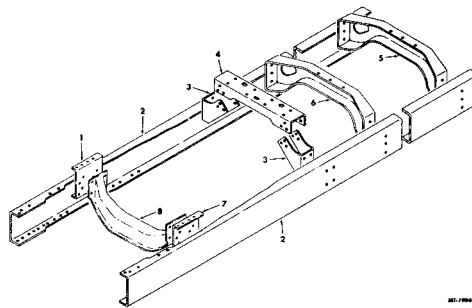
REF NO.	PART NUMBER	DESCRIPTION
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MT140 GROUP 01- FRAME AND BUMPER

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



1	471 631 C1	CHANNEL, ENGINE FRONT MOUNTING RIGHT D150, 170, 190, V537, 3208 ENGINES
	494 193 C2	9.0 LITER ENGINE
	471 635 C2	V345, 392, MV404, 446 ENGINES
	471 641 C1	DT466, DT1466B ENGINES
	414 052 C1	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -10-
	414 053 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -10-
	414 087 C1	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 16010 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 16010
	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 473369C2, 491525C34-
	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-



MT140 GROUP 01- FRAME AND BUMPER

REF NO.	PART NUMBER	DESCRIPTION
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FIG. 01-004 CONTINUED
FRAME ASSEMBLY

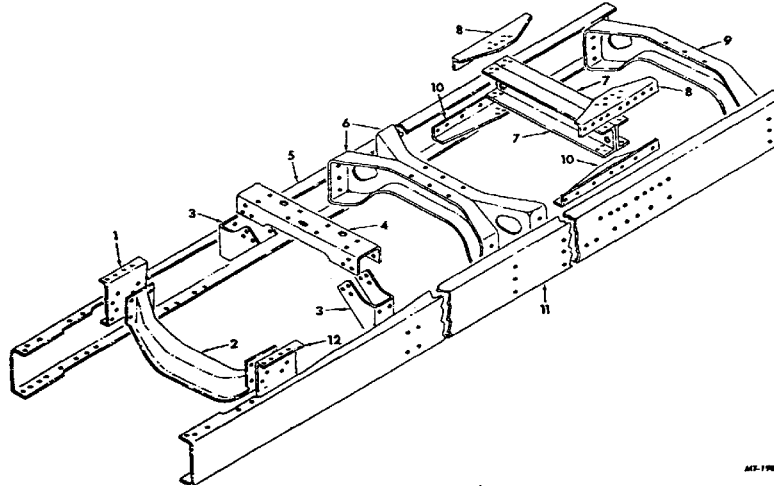
6	493 738 C4	CROSSMEMBER, FRAME -WILL WORK FOR 493528C4AR-
	414 052 C1	BOLT, HEX-FLG-HD 1/2 X 1-1/2 -AR-
	414 087 C1	NUT, HEX-LOCK 1/2NF -AR-
	104 131	RIVET, RD-HD 1/2 X 1-3/8 -W/O REINF- -AR-
	12 017 R1	RIVET, RD-HD 1/2 X 1-5/8 -W/REINF-AR-
7		CHANNEL, ENGINE MOUNTING LEFT D150, 170, 190, V537, 3208 ENGINES 9.0 LITER ENGINE
	471 630 C1	V345, 392, MV404, 446 ENGINES
	494 192 C2	DT466, DDT146B ENGINES
	471 634 C2	BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -8-
	471 640 C1	BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -8-
	414 052 C1	NUT, HEX-LOCK 1/2NF -8-
	414 053 C1	
	414 087 C1	
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.OL ENGINE AND 13312, 13672, 13674 TRANSMISSIONS
	580 191 C1	W/9.OL 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.OL ENGINE
	505 647 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-



MT140 GROUP 01- FRAME AND BUMPER

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FIG. 01-005
FRAME ASSEMBLY



MT140 GROUP 01- FRAME AND BUMPER

REF NO.	PART NUMBER	DESCRIPTION
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FIG. 01-005 CONTINUED
FRAME ASSEMBLY

1	471 631 C1 471 635 C2 471 641 C1 414 052 C1 414 053 C1 414 087 C1	CHANNEL, ENGINE FRONT MOUNTING RIGHT D190, V537, 3208 ENGINES MV404, 446 ENGINES DT466, DT1466B ENGINES BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -10- BOLT, HEX-FLG-HD 1/2NF X 1-3/4 -10- NUT, HEX-LOCK 1/2NF -10-
2	492 077 C2 414 052 C1 414 087 C1	CROSSMEMBER, ENGINE FRONT -WILL WORK FOR 473915C1- BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -8- NUT, HEX-LOCK 1/2NF -8-
3	468 836 C1 468 837 C1 473 322 C2 104 131	GUSSET, CROSSMEMBER -2- EXCEPT F2125 MODEL LEFT RIGHT FOR F2125 MODEL RIVET, RD-HD 1/2 X 1-3/8 -12-
4	473 323 C2 414 052 C1 414 087 C1	CROSSMEMBER, CAB REAR BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -8- NUT, HEX-LOCK 1/2NF -8-
5		SIDEMEMBER -ORDER BY DESCRIPTION-
6	493 528 C3 414 052 C1 414 087 C1 104 131	CROSSMEMBER, INTERMEDIATE REAR -AR- BOLT, HEX-FLG-HD 1/2 X 1-1/2 -AR- NUT, HEX-LOCK 1/2NF -AR- RIVET, RD-HD 1/2 X 1-3/8 -6-
7	416 744 C3 104 131	CROSSMEMBER, TORQUE ROD -2- RIVET, RD-HD 1/2 X 1-3/8 -28-

8	468 900 C1 468 901 C1 414 076 C1 414 077 C1 414 089 C1	GUSSET, UPPER LEFT RIGHT BOLT, HEX-FLG-HD 5/8NF X 1-1/2 -14- BOLT, HEX-FLG-HD 5/8NF X 1-3/4 -14- NUT, HEX-LOCK 5/8NF -14-
9	491 525 C3 493 528 C3 491 525 C3 12 014 R1	CROSSMEMBER, REAR EXC F1924, F1954 MODELS -WILL WORK FOR 473369C1, 571427C2- FOR F1924, F1954 MODELS W/O CODE 01580 W/CODE 01580 -WILL WORK FOR 473369C1, 571427C2- RIVET, RD-HD 1/2 X 1-1/4 -4-
10	468 904 C2 468 905 C2 468 902 C1 468 903 C1 414 077 C1 414 089 C1	GUSSET, LOWER EXCEPT SUSPENSION CODES 14531.9201, 14532.9202, .9203 LEFT RIGHT FOR SUSPENSION CODES 14531.9201, 14532.9202, .9203 LEFT RIGHT BOLT, HEX-FLG-HD 5/8NF X 1-3/4 -16- NUT, HEX-LOCK 5/8NF -16-
11		SIDEMEMBER -ORDER BY DESCRIPTION-
12	471 630 C1 471 634 C2 471 640 C1 414 052 C1 414 087 C1	CHANNEL, ENGINE FRONT MOUNTING LEFT D190, V537, 3208 ENGINES MV404, 446 ENGINES DT466, DT1466B ENGINES BOLT, HEX-FLG-HD 1/2NF X 1-1/2 -B- NUT, HEX-LOCK 1/2NF -8-