

ARMY SERVICE FORCES CATALOG

ORD 7-8-9

SNL G-690

ORDNANCE SUPPLY CATALOG

Group G

Technical Reference TM 9-813

(Standard Nomenclature List No. G-690)
(COMBINED)

Organizational Spare Parts and Equipment

Higher Echelon Spare Parts and Equipment

(Addendum)

Service Parts Catalog

for

Truck, 6-Ton, 6x6

Bridge Erection

(WHITE MODEL 666)

(Supersedes ORD 7-8 SNL G-690, Organizational Spare Parts and Equipment (ORD 7), Higher Echelon Spare Parts and Equipment (ORD 8), dated 10 September 1944 and changes thereto, which should be collected and destroyed.)

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HEADQUARTERS, ARMY SERVICE FORCES, 1 DECEMBER 1944

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Headquarters, Army Service Forces

Washington 25, D.C., 1 December 1944

Army Service Forces Ordnance Supply Catalog, ORD 7-8-9, SNL G-690, Combined Organizational Spare Parts and Equipment, Higher Echelon Spare Parts and Equipment (Addendum) and Service Parts Catalog for Truck, 6-ton, 6x6, Bridge Erection (White Model 666) has been prepared under the supervision of the Chief of Ordnance and is published for the information and guidance of all concerned.

SPX 461 (1 November 1944)

By command of Lieutenant General SOMERVELL :

W. D. STYER,
Major General, General Staff Corps,
Chief of Staff.

OFFICIAL :

J. A. ULIO,
Major General,
The Adjutant General.

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1 Bn 5: T/O & E 5-215.

1 C 5: T O & E 5-627.

ARMY SERVICE FORCES CATALOG

ORD 7-8-9 SNL G-690

Changes No. 1

RESTRICTED

ORDNANCE SUPPLY CATALOG

GROUP G

Technical Reference TM 9-813

(Standard Nomenclature List No. G-690)
(Combined)

Organizational Spare Parts and Equipment
Higher Echelon Spare Parts and Equipment (Addendum)
Service Parts Catalog

for

TRUCK, 6-TON, 6 x 6, Bridge Erection

(White Model 666)

Headquarters, Army Service Forces
Washington 25, D. C., 15 July 1945

Army Service Forces Ordnance Supply Catalog, SNL G-690, 1 December 1944 is changed as shown herein.

[SPX 461 (15 July 45)]

BY COMMAND OF GENERAL SOMERVELL:

OFFICIAL:

J. A. ULIO
Major General
The Adjutant General

LeR. LUTES
Major General, GSC
Chief of Staff

DISTRIBUTION: AAF (10); AGF (10); ASF (2); S Div ASF (1); Arm & Sv Bd (1); T of Opns (10); Tech Sv (2); Sv C (10); PC&S (1) except Air Bases (0); PE, 9 (5); Dist O, 9 (5); Dist Br O, 9 (3); Reg O, 9 (3); Establishments, 9 (except Amm. Establishments) (5); Decentralized Sub-O, 9 (3); Tk Deps, 9 (5); Gen & Sp Sv Sch (10); USMA (2); A (10); CHQ (10); D (2); R 9 (2); Bn 9 (2); C 9 (3). T/O & E's 5-215 (1); 5-627 (1).

Refer to FM 21-6 for explanation of Distribution Formula.

Headquarters, Army Service Forces, 15 JULY 1945

The following items appearing on the page indicated in the page number Column (Col. 0) are to be changed as designated in the Remarks Column (Col. 9).

In changes affecting numbers or nomenclature, indexes should also be changed.

Page No.	Official Stock Number Order and Store by This Number	Part Number			ITEM		Per 100 Major Items			Note Symbol Col. 8	REMARKS Col. 9
		Col. 1	Col. 2	Col. 3	Manufacturer	Col. 4	Col. 5	Major Over-haul Maintenance (5th Ech)	Total Year's Spare Parts		
24				WI-46-AB							Add as a new group
24	9520-WI46ABL2			WI-WI46ABL-Lot 2							Change in Cols. 4, 5 and 7 (Group 0100)
25	4300-32332C			WI-415110							Add in alphabetical order, Group 0100
29	G690-7033760			WI-419874							Add in alphabetical order, component of GASKET SET 4300-3299AS
29	G690-7033766			WI-394624							Change in Col. 1 (Group 0104A)
29				WI-419875							Change in Col. 1 (Group 0104A)
29				WI-394866							
29				WI-415110							
30	4300-32332C										Add in alphabetical order, component of GASKET SET, 4300 32997AS
30	4300-32006CS										Change in Cols. 4, 5, 6 and 7 (Group 0105D)
30											Add in alphabetical order, Group 0105D

				Add in alphabetical order, Group 0103D
30	4300-30004C	WT-394992	COVER, engine valve, rear, assembly (HM-30004C)	1 2 4
		WT-394678	PLUG, drain, engine oil filter (HM-11374A)	1 2 1 4
33	H006-0283010	WI-A16094A	PLUG, pipe, engine oil filter bracket (sq. hd. 1 1/2 in.) (HM-4312A)	12 6 20 H-6
33	H006-0283815	A226018	ELBOW, street, tee to oil pressure flexible hose	6 3 10 H-6
34	H006-0265005	127627	STUD, 1/2-13NC 2 x 2 1/8, companion flange (interchangeable with WI-A24649X)	24 12 40 H 1
35	G120-0314746	WT-502499	STUD, 1/2-13NC 2 x 2 1/8, companion flange	24 12 40 H 1
35	H001-0116055	WT-17060X	NUT, 1/2-13NC-2 x 1 1/4, companion flange (interchangeable with WI-A24649X)	24 12 40 H 1
35	4300-772A	WT-96623	STUD, 1/2 x 2 1/8, manifold (HM-772A)	12 6 20 H 1
36	4300-31933A	WT-394638	COLLAR, fuel pump drive eccentric (HM-31933A) (Issue until stock is exhausted, then use COLLAR, HM-32826A)	12 6 20 H 1
36	4300-32826A	HM-32826A	COLLAR, fuel pump drive eccentric (HM-32826A)	4 2 8 H 1
37	4300-32709A	WT-415112	SHAFT, engine accessory drive (HM-32709A) (Issue until stock is exhausted, then use SHAFT, HM-32825A)	12 6 20 H 1
37	4300-32825A	HM-32825A	SHAFT, engine accessory drive	2 1 4 H 1
38	5900-K-27	WT-408647	KIT, adjustment, engine clutch (LPE-K-27)	5 2 8 H 1
39	5900 K18	WT-411679	KIT, repair, engine clutch overhaul (LPK-K-18)	12 6 20 H 1
39	G116-1792110	WT-323312	STRAP, adjusting, engine clutch (LPE C10-2)	24 12 40 H 1
39	G160-0391260	WT-323335	STUD, 3/8 16NC 5 x 1 1/2 and 3/8-24 SAE std x 1 1/2, set using plate (LPE-X2112)	16 6 24 H 1
40		WI-401328	CAP, filler, fuel tank, w CHAINS, assembly (STN-6990A)	18 9 30 H 1
40		WT-401230	CARBURETOR, assembly (Z-29W16 010078)	6 3 10 H 1
41	9960-C21-33	WI-412599	PLATE, carburetor throttle shaft (Z C21 33)	2 1 4 H 1
42	G102-0201521	WT-380149	CONTROL, carburetor choke, assembly (DR 1990551) (Issue until stock is exhausted, then use CONTROL, WI 434953)	6 3 * H 1
42	G514-7336295	WI-434953	CONTROL, carburetor choke, assembly	2 1 4 H 1
43	0040-1538656	WI-428442	ARM, rocker, fuel pump (AC-1538656) (Used on PUMP, WI-418087)	10 1 4 H 1

Page No.	Official Stock Number	Part Number			ITEM			Per 100 Major Items			Note Symbol	REMARKS
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8	Col. 9		
Col. 0	Order and Store by This Number	Ordnance	Manufacturer									
43	0040-1538742		WI-423082		GASKET, crankcase fuel pump opening cover (AC-1538742)	% 100	45	200				Add in alphabetical order, Group 0302
43	0040-1538765		WI-428440		KIT, repair, engine fuel pump (6 valve) (AC-1538765) (for PUMP, WI-418887)	% 40	24	75				Add in alphabetical order, Group 0302
					(Consists of:							
					1 BUSHING, rocker arm pin							
					1 DIAPHRAGM, assembly							
					3 DIAPHRAGM, pulsator							
					#2 GASKET, mounting							
					2 GASKET, valve and cage							
					1 LINK							
					1 PLATE, valve							
					1 PIN, rocker arm							
					1 SCREW, center cover							
					5 SCREW, cover							
					4 SCREW, valve plate							
					1 SPRING, diaphragm							
					1 SPRING, rocker arm							
					6 VALVE and CAGE, assembly							
					6 WASHER, cover screw lock							
					1 WASHER, rocker arm pin)							
					*Also available separately							
					PUMP, fuel, engine, assembly (6 valve) (AC-1538655) (for HXD engine)	% 3	1	10				Add in alphabetical order, Group 0302
					STUD, #6 x 2 1/4, water pump (HM-772A)	% 24	12	40				Change in Col. 4 (Group 0503)
					FAN, engine, w BLADE, BRACKET, HUB and SPINDLE, assembly (SEP-4431LX) (for HXD engine)	% 2	1	4				Change in Cols. 1, 4 (Group 0503A)
					GASKET, water outlet manifold (HM-4841A)	% 24	12	40				Change in Col. 4 (Group 0505)
					6 SCREW, pole shoe (DR-1843646)							Change in Cols. 1, 4, component of KIT, 2580-1901226
					4 WASHER, insulating (% in.) (DR-1904669)							Changes in Cols. 3, 4, component of KIT, 2580-1901226
					#1 OILER (DR-1880642)							Change in Col. 3, com- ponent of KIT, 2580-1901227
51					WI-K28675							
51					WI-428673							
51					WI-K14998							

51	WI-428401	6 SCREW, brush lead (DR-115607).....						
	WI-412318	3 SCREW, commutator end plate cover (DR-135616)						Change in Col. 3, component of KIT, 2580-1901227
	WI-428400	4 SCREW, drive housing cover plate (DR-141-02).....						Change in Col. 3, component of KIT, 2580-1901227
	WI-401095	3 WASHER, lock, commutator end frame attaching (DR-114603).....						Change in Col. 3, component of KIT, 2580-1901227
	WI-401095	4 WASHER, lock, drive housing cover plate (DR-114603).....						Changes in Cols. 3, 4, component of KIT, 2580-1901225
	WI-428570	2 WASHER, distributor spacer (under weight plate) (DR-1902495)						Changes in Cols. 1, 3, 4, component of KIT, WI-422863
	WI-428570	2 WASHER, spacer (DR-1902495).....						Changes in Cols. 1, 3, 4, component of KIT, 2580-1901231
	WI-828667	3 NUT, base attaching screw (DR-1901845).....						Changes in Cols. 1, 3, 4, component of KIT, 2580-1901231
	G103-0501875	*3 SCREW, base attaching (DR-1904829).....						Changes in Cols. 1, 3, 4, component of KIT, 2580-1901231
	WI-428402	*Also available separately						Changes in Col. 1, 3, 4 (Group 0606)
	WI-429485	SWITCH, instrument panel light (DR-190370).....	%	2	1	4		Change in Col. 1 (Group 0610B)
	WI-392384	CABLE, battery to ground, w TERMINALS, assembly.....	%	6	3	10		Change in Col. 1 (Group 0610B)
	WI-392382	CABLE, magnetic starting switch to battery, w TERMINALS, assembly.....	%	6	3	10		Change in Col. 4 (Group 0706A)
	WI-V2390X	SPRING, transmission gear shift lever (FUL-2536)	%	6	3	10		Change in Col. 4 (Group 0706B)
	WI-V2378X	PIN, transmission interlock, cross (FUL-1634)	2	1	4	20		Change in Col. 4 (Group 0706B)
	WI-V2399X	THIMBLE, transmission yoke bar hole (FUL-2947)	12	6	2	4		Change in Col. 4 (Group 0802)
	WI-397401	CAP, transfer case mainshaft front bearing (WIS-A3838-Y-77)		1	2	4		Change in Cols. 4, 5, 6, 7 (Group 0901)
	WI-360268	SHAFT, propeller, first to second rear axles, w stationary and slip universal JOINTS, assembly (SP-8215-1-SF) (Issue until stock is exhausted, then use SHAFT, SP-9346-1-SF)	%	3	2	6	*	Add in alphabetical order, Group 0901
	SP-9346-1-SF	SHAFT, propeller first to second rear axles, assembly						
67	G690-7331717							

ORD 7-8-9 SNL G-690

C1

Page No.	Official Stock Number	Part Number		ITEM		Per 100 Major Items		REMARKS	
		Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7	Col. 8
67	G690-7091782		WI-392422	SHAFT, propeller, transfer case to front axle, w stationary and slip universal JOINTS, assembly (SP-9345-1-SF).		% 3	2	6	Change in Cols. 1, 4 (Group 0901)
67	G690-7091781		WI-392421	SHAFT, propeller, transmission to transfer case, w stationary and slip universal JOINTS, assembly (SP-9344-1-SF)		% 3	2	6	Change in Cols. 1, 4 (Group 0901)
69	G104-0602501	A214452	WI-A42242	VALVE, relief, first to second rear axle propeller shaft universal joint, journal, assembly (AL-G-47100) (Issue until stock is exhausted, then use VALVE, 45-V-18129-3)		% 3	2	6	Change in Cols. 4, 5, 6, 7 (Group 0902)
69	G104-0602501	A214452	WI-A42242	VALVE, relief, transfer case to front axle propeller shaft universal joint, journal, assembly (AL-G-47100) (Issue until stock is exhausted, then use VALVE, 45-V-18129-3)		* * *	*	*	Change in Cols. 4, 5, 6, 7 (Group 0902)
69	G104-0602501	A214452	WI-A42242	VALVE, relief, transfer case to rear axle propeller shaft universal joint, journal, assembly (AL-G-47100) (Issue until stock is exhausted, then use VALVE, 45-V-18129-3)		* * *	*	*	Change in Cols. 4, 5, 6, 7 (Group 0902)
69	G104-0602501	A214452	WI-A42242	VALVE, relief, transmission to transfer case propeller shaft universal joint, journal, assembly (AL-G-47100) (Issue until stock is exhausted, then use VALVE, 45-V-18129-3)		* * *	*	*	Change in Cols. 4, 5, 6, 7 (Group 0902)
69	G104-0602501	A214452	45-V-18129-3	VALVE, lubricating pressure relief		% 10	4	16	Add in alphabetical order, Group 0902
70	G104-0603301	WI-V3302		YOKE, sleeve, transfer case to front axle propeller shaft slip universal joint, assembly (SP-K5-3-108X)		2	1	4	Change in Cols. 1, 4 (Group 0902)
71	8500-MPS-153	WI-408629		GEAR, bevel, front axle, w PINION, assembly (TD-MPS-159)		1	2	4	Change in Cols. 1, 4 (Group 1003)
6	G116-1595998	WI-394743		1 GEAR, bevel (TD-3889-W-179)					
	G103-0401800	WI-V326X		1 NUT, bevel pinion (TD-16275)					
	G116-1738800	WI-394744		1 PINION, bevel (TD-3890-S-253))					
	8500-MPS-167	WI-408634		GEAR SET, rear axle bevel, w PINION (TD-MPS-167)					
	G116-1596000	WI-361282		(Consists of:					
		WI-361290		1 GEAR, bevel (TD-2834R408)					
				*2 PINION, bevel (TD-3890-Y-233))					
				■Also available separately					

78	G671-7001743	WI-395667								
83	6105-3980	WT-502829								
84	G514-7324981	WT-428361	GASKET, air & pressor oil pump cylinder (BWE-214751)							
87	0850-205086	WT-354117	COCK, cut-out of brake line, assembly (BWE-205086)							
91	8500-20X71	WT-17287X	STUD, rear axle wheel, left hand (BW-22006)							
91	8500-20X70	WT-B17280X	STUD, rear axle wheel, right hand (BW-22005)							
92	0690-7038521	WI-391975	LINK, drag steering gear, assembly (SU-112-P-166)							
94	0690-7038526	WI-415360	LEAF, auxiliary, front axle spring							
96	G520 0428457	WI-418713	LINING, winch brake band (woven No. 98) (HLC-71A37) (Issue until stock is exhausted, then use LINING SET, Q520-0428457)							
96	G520 0428457	WI-418713	LINING SET, winch worm brake shaft. (Consists of:							
		1	LINING, worm brake shaft							
		10	RIVET, lining)							
96	H006 0283815	WI-A16094X	PLUG, winch worm housing oil level testing							
97	0960-L12-5-6	WI-418685	SNAP RING, winch drive line-shaft center universal joint (BM-L12S-6)							
97	0960-L12-5-6	WI-418685	SNAP RING, winch drive line shaft front universal joint washer retainer (BM-L12S-6)							
97	0960 L12-5-6	WI-418685	SNAP RING, winch drive line shaft rear universal joint washer retainer (BM-L12S-6)							
98	0960 L12SYR204	WI-418677	YOKES, plain, winch drive line shaft center universal joint (3/8 in. pin hole) (BM L12SYR20-4)							
98	4180 93A41R	WI-418770	ARM, left power take off shifter shaft (HLC 93A414)							
105	H001 0116959	WI 373189	SCREW, cap, hex-hd., S, 3-16NC-2 x 1/2							
108	H007 0218110	44 T-5085-25	TUBING, copper, seamless, soft annealed (type N), ^{3/8} in. (0.375) O.D., 0.035 in. wall thkns. (25 ft. coil)							
108	H007 0218135	44 T-5085-30	TUBING, copper, seamless, soft annealed (type N), ^{1/2} in. (0.500) O.D., 0.035 in. wall thkns. (25 ft. coil)							
108	H007 0218131	44 T-5085-40	TUBING, copper, seamless, soft annealed (type N), ⁴ in. (0.750) O.D., 0.049 in. wall thkns. (25 ft. coil)							

ORD 7-8-9 SNL G-690**C1**

The following items appearing on the page indicated in the page number Column (Col. 0) are to be changed as designated in the Remarks Column (Col. 7).

In changes affecting numbers or nomenclature, indexes should also be changed.

Page No.	Figure No.	Official Stock Number	Part Number		ITEM	Quant. Req'd. per Unit Assy.	REMARKS		
		Order and Store by This Number							
		Col. 0	Col. 1	Col. 2	Col. 3	Col. 4	Col. 5	Col. 6	Col. 7
134	01-1, 3, 4; 02-1			WI-46 AB	ENGINE, w/ ACCESSORIES, assembly (Includes: air compressor, carburetor, clutch, coil, cranking motor, distributor, fan, fuel pump, generator, governor, tachometer, viscometer) (Superseded by ENGINE, WI-146-AB Lot 2)				
134		9520-W146ABL2		WI W146AB-Lot 2	ENGINE, w ACCESSORIES, assembly (Includes: air compressor, carburetor, clutch, coil, cranking motor, distributor, fan, fuel pump, generator, governor, tachometer, viscometer) (HxD HM-HxD)	1	Change in Col. 5 (Group 0100)		
135		4300 32332C		WI-415110	(Consists of: 2 GASKET, intake manifold connection (HM 32332C))	1	Add in alphabetical order, Group 0100		
142		G690 7033760		WI-419874	BEARING SET, engine connecting rod (standard)	1	Add in alphabetical order, component of GASKET SET, 4300-32999AS		
142				WI-394624	(Consists of: 2 BEARING (HM-32275B))	1	Change in Col. 2 (Group 0104A)		
142		G690-7033766		WI 419875	BEARING SET, engine connecting rod (.010 undersize)	1	Change in Col. 2 (Group 0104A)		
143				WI-394866	(Consists of: 2 BEARING (HM-32275B))				
143		4300 32332C		WI-415110	2 GASKET, intake manifold, connection (HM 32332C))		Add in alphabetical order, component of GASKET SET, 4300-32997AS		
144	01-5			WI 415108	COVER, engine valve, rear, assembly (HM-30006CS) (Superseded by COVER, WI-394992)				
144		4300-32006CS		WI-415084	COVER, engine valve, front, assembly (HM 32006CS)	1	Change in Col. 5 (Group 0105D)		
144		4300 30004C		WI-394992	COVER, engine valve, rear, assembly (HM-30004C)	1	Add in alphabetical order, Group 0105D		
150	01-21	H006-0283010		WI 394678	PLUG, drain, engine oil filter (HM-11374A)	3	Add in alphabetical order, Group 0105D		
150	01-21	H006 0283815	A226018	WI-A16094A	PLUG, pipe, engine oil filter bracket (sq. hd., $\frac{1}{2}$ in.) (HM-4312A)	1	Change in Col. 2 (Group 0107E)		
151	01-23	H006 0265005	127627	WI-H17060X	ELBOW, street, tee to oil pressure flexible hose	1	Change in Cols. 2, 4 (Group 0107E)		
						1	Change in Cols. 2, 3 and 4 (Group 0107I)		