

TECHNICAL MANUAL

**UNIT, INTERMEDIATE DIRECT SUPPORT AND
INTERMEDIATE GENERAL SUPPORT MAINTENANCE MANUAL**

**DRILLING SYSTEM, WELL, ROTARY,
TRUCK MOUNTED, AIR TRANSPORTABLE,
600 FEET CAPACITY
MODEL LP-12
NSN 3820-01-246-4276**

This technical manual is an authentication of the manufacturer's commercial literature and does not conform with the format and content requirements normally associated with Army technical manuals. This technical manual does, however, contain all essential information required to operate and maintain the equipment.

Approved for public release; distribution is unlimited.

**HEADQUARTERS, DEPARTMENT OF THE ARMY
8 MAY 1989**

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**S-SERIES
TRUCK
SERVICE
MANUAL**

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SERVICE MANUAL

GENERAL INFORMATION

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GEN

GENERAL

LINE SETTING TICKET

Each vehicle is provided with a Line Setting Ticket or code sheet which lists identification code numbers of component units used to build the vehicle.

One copy of the line setting ticket is included in the literature provided with the vehicle. When replacement parts are required, take this copy with you to positively identify vehicle components to be sure of getting the correct parts.

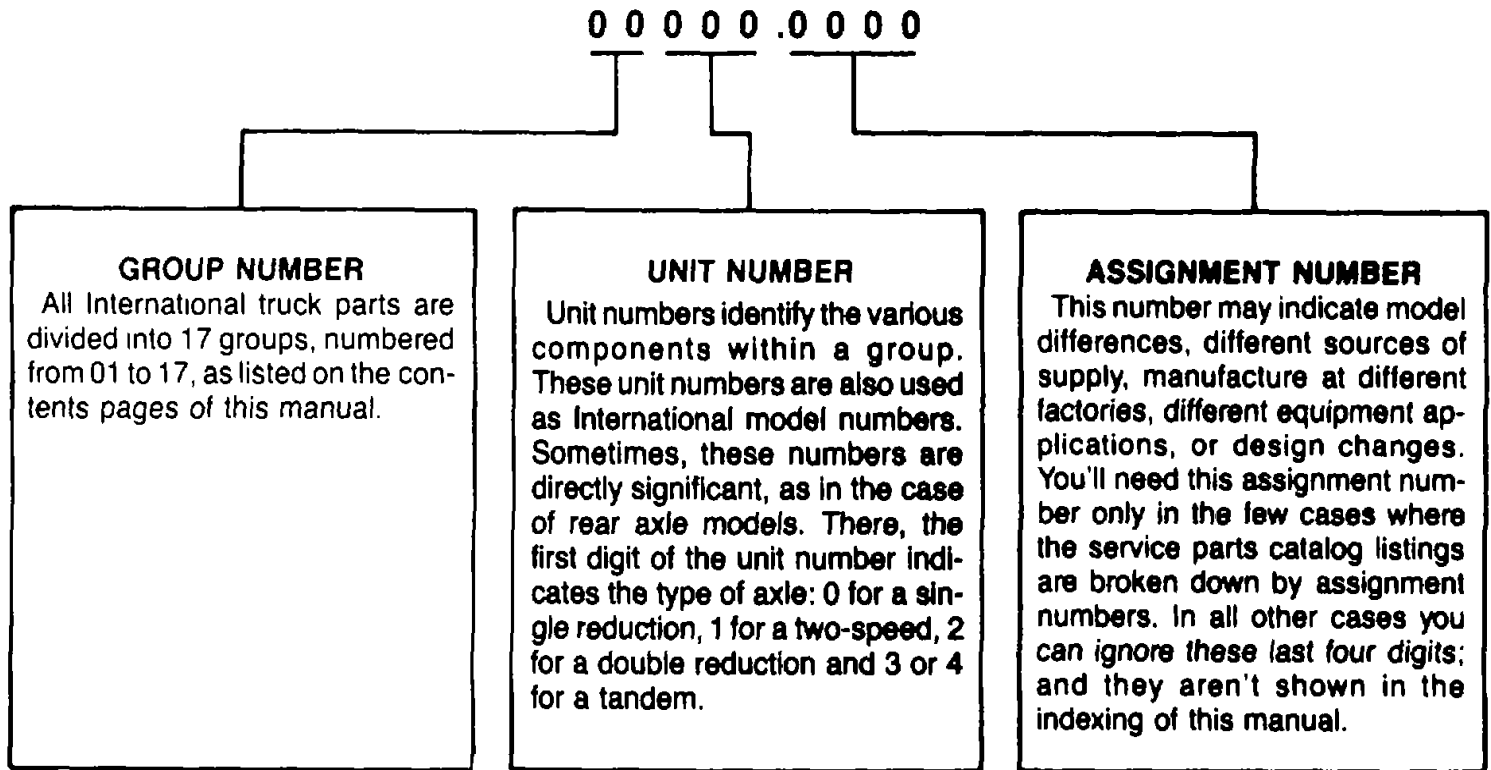
BE SURE TO RETURN LINE SETTING TICKET TO VEHICLE AFTER OBTAINING PARTS.

A second copy of the Line Setting Ticket is permanently attached to the vehicle. (Location will vary with vehicle model.) **THIS TICKET MUST NOT BE REMOVED.**

COMPONENTS CODES

Codes are the basics for identifying the components used on an International Truck. They are used by sales personnel ordering the truck by manufacturing to build that order and by parts personnel to service the truck. Many of the index items in this manual are identified by codes or International models so it is important to understand them.

The code structure is as follows:



CHASSIS BUILD DATE

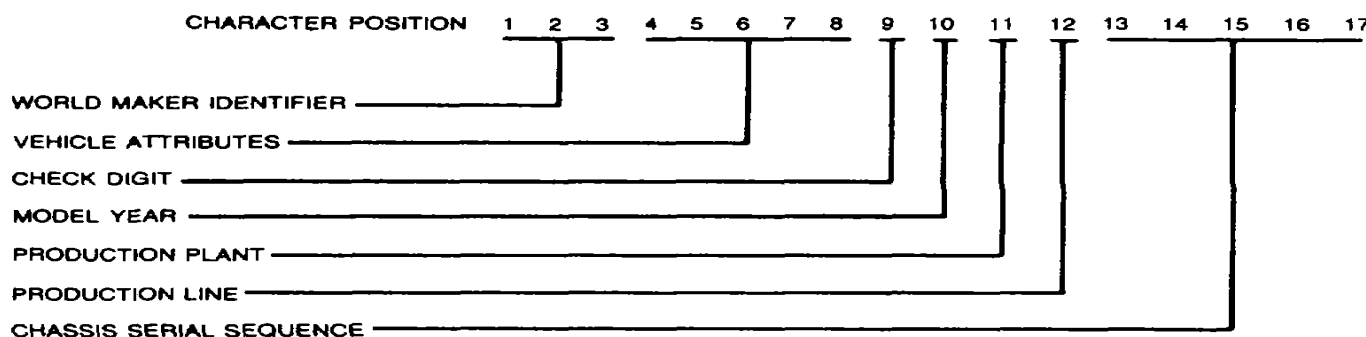
Since 1974 the Chassis Build Date has been stamped on the capacity plate for each truck in the section called Date Mfg. This information is used to identify parts difference due to design change. The Chassis Build Date is sometimes required since trucks are not always built in Chassis Number sequence.

Chassis Build Date is also stamped on all Line Setting Ticket copies, except the reduced size version attached to the cab.

The number as stamped on the capacity plate is structured as follows:

9 — 8 — 86 — 1
 T T T T
 Month Day Year Shift

VEHICLE IDENTIFICATION NUMBER (VIN) STRUCTURE — 1986



POSITIONS 1-3 WMI

1HT = U.S. PRODUCED TRUCK
 1HV = U.S. PRODUCED BUS
 1HS = U.S. PRODUCED TRACTOR
 2HT = CANADA PROD. TRUCK
 2HV = CANADA PROD. BUS
 2HS = CANADA PROD. TRACTOR

POSITIONS 4-7 VEHICLE ATTRIBUTES SEE PAGE 7 FOR THESE IDENTIFICATION ATTRIBUTES

POSITION 8 ATTRIBUTES

VEHICLES BUILT BEFORE AUG. 22, 1983

ENGINE & BRAKE SYSTEM IF TRUCK OR BUS

0 = GAS ENGINE & AIR BRAKES IN ATTRIBUTE CODES AG190 & DG210
 0 = HEAVY DUTY DIESEL & AIR BRAKES IN ATTRIBUTE CODES CG250 & CG260
 2 = GAS ENGINE & AIR BRAKES
 3 = SMALL DIESEL & AIR BRAKES
 5 = MID-RANGE DIESEL & AIR BRAKES
 7 = HEAVY DUTY DIESEL & AIR BRAKES
 B = GAS ENGINE & HYD. BRAKES
 C = SMALL DIESEL & HYD. BRAKES
 E = MID-RANGE DIESEL & HYD. BRAKES
 G = HEAVY DUTY DIESEL & HYD. BRAKES

POSITION 8 ATTRIBUTES (Cont'd.)

VEHICLES BUILT AUG. 22, 1983 AND LATER

GVW RANGE & BRAKE SYSTEM

GVW RANGE	BRAKE SYSTEM	
	AIR	HYD
0 TO 6000	A	B
6001 TO 10000	C	D
10001 TO 14000	E	F
14001 TO 16000	G	H
16001 TO 19500	J	K
19501 TO 26000	L	M
26001 TO 33000	N	P
33001 TO 55000	R	S
55001 TO 110000	T	U

POSITION 9 CHECK DIGIT

CALCULATED FROM OTHER 16 POSITIONS (PER FMVSS115)

POSITION 10 MODEL YEAR

F = 1985
 G = 1986
 H = 1987

POSITION 11 PRODUCTION PLANT

C = CHATHAM, ONTARIO
 H = SPRINGFIELD, OHIO
 Y = FLORENCE, KENTUCKY

POSITION 12 PRODUCTION LINE

A OR B (THIS PLANT)

POSITION 13-17 CHASSIS SERIAL SEQUENCE

(THIS MODEL YEAR, THIS PLANT, THIS LINE)