

## Directions for use of Parts Catalogue

### 1. Applicable model of machines

All component and option parts used for TU320,F tractors are listed in this parts catalogue.

#### 1) MODEL TYPE

- T : 2WD    F : 4WD
- H : HST (No worked for standard transmission)
- M : MID PTO
- U : POWER STEERING
- B : For local fitted cabin

#### 2) Tyre

- 1 (ex. E2<sub>1</sub>, E4<sub>1</sub>, E5<sub>1</sub>) : Agri tyre/Low lug
- 2 (ex. E2<sub>2</sub>, E4<sub>2</sub>, E5<sub>2</sub>) : Turf tyre

#### 3) AREA (Country) code

- E2 : Germany , switzerland (C)
- E4 : England (G) Scandinavia (S)
- E5 : France , Italy (T)
- E6 : Oceania

### 2. Explanation for head paragraph

KEY	PART CODE	DESCRIPTION	QTY	TYPE OF MODEL			I T C	C O L	G R P	REMARKS
				TF15	TF17	TF19				
126	1614-508-200-00	FILTER(SUCTION) ASSY	1	*	*				4E	
127	V721-103-103-50	O-RING	1	*	*					
128	1614-508-260-00	FILTER(SUCTION) ASSY	1	*	*	981- -1799				
129	1614-508-262-00	FILTER(LH) ASSY	1 1	*	*	*			4E	A
				*	*	1- -1999			3	

①  
↓  
KEY

②  
↓  
PART CODE

③  
↓  
DESCRIPTION

④  
↓  
QTY

⑤  
↓  
TF15

⑥  
↓  
TF17

⑦  
↓  
I T C

⑧  
↓  
C O L

⑨  
↓  
G R P

⑩  
↓  
REMARKS

① KEY shows the location of parts diagramed in the illustration.

- ② Parts numbers begin with `V` and `W` are standard parts of the market.
- ③ `LH` and `RH` on the parts name are described against the moving direction of the machine or are described on the condition how to install parts on the machines.
- ④ QTY shows the number of parts to be used for one unit of machine.  
 `M` is indicated for parts supplied by a meter long.  
 `ℓ` is indicated for parts supplied by liter.  
 `AR` is indicated for parts need to be adjusted or regulated.
- ⑤ The following symbol classifies parts to be used for machines.  
 `\*` means standard parts.  
 `T` shows that the parts can be installed as optional parts.  
 `R` shows that the parts can be used as applicable parts to replace originally equipped parts.
- ⑥ Serial number : upper row shows the serial number for the first product and lower row for the last product.  
 Example : Serial no. 1 through to serial no. 1999.
- ⑦ ITC : Interchangeability  
 `1` ... OLD ← NEW  
 New parts can be used in place of the old parts.  
 `2` ... OLD → NEW  
 Old parts can be used in place of the new parts.  
 `3` ... OLD →← NEW  
 Old parts and new parts can not be replaced each other.
- ⑧ COL : Color code  
 Color is signified with color code number for colored parts.  
 Please see the color list shown in the next page.
- ⑨ GRP : Parts shown in this column can be replaced by SET parts.  
 Exsample : Parts marked Ⓐ can be replaced by parts marked Ⓑ, and Ⓓ for Ⓒ, so the rest follow in the same alphabetical order.
- ⑩ Remarks  
 \* Other maker's part code number is shown in this column.  
 \* When Fig. No. is shown in the Remark column of SET parts or ASSY parts, each of their component parts are listed in said Fig. No.

### 3. Color :

The following colors are used for color parts.

COLOR CODE	C O L O R	SPRAY TYPE CODE NUMBER	PAINTS 4K DRUM	PAINTS 16K DRUM
4 F	COSMO BLUE	1300-952-001-10	1300-952-003-00	1300-952-004-00
6 F	FLASH WITE	1300-953-001-10	1300-953-003-00	1300-953-004-00
7 F	MIRROR BLACK	1300-954-001-10	1300-954-003-00	1300-954-004-00

NOTE : Color code is signified only for the parts assigned by the maker as color parts.

### 4. Serial Numbers :

1) For engines serial number is stamped on CYLINDER BODY ASSY.

Please see Fig. No. 2-1.

2) For chassies serial number is shown on the LABEL.

Please see



### 5. Parts Order

1) Parts numbers listed in the parts catalogue are all registered in "ISEKI on-line computer".

2) When you order parts, please make sure of correct numbers.

3) When substitute parts is available, the part number ordered will be automatically turned to a new part number.

4) Please be sure to use "ISEKI GENUINE PARTS".

Any other similar parts other than ISEKI parts when used may cause a trouble that makes us unable to repair or guarantee the warrant.





\*\*\* STRUCTURE TABLE OF MODEL \*\*\*

MODEL	T												
	U												
	3	FFFF	FFFFF	FFFFF	FFFFF	FFFFF	FFFFF	FFFFF	FFFFF	FFFFF	FFFFF	FFFFF	FFTT
	2	BEEE	EEEE	EHHHH	HHHHH	HHHHH	HHHHH	HMMMM	MMMMM	UUUUU	UUUUU	UUHH	
	0	E224	4456	6EEEE	EEUUU	UUUUU	UUUUU	UHHHH	HHHHH	1BEEEE	EEEE	EEEE	
	2	121	22121	22244	66BEE	EEEE	EEEE	EUUUU	UUUUU	5E224	44455	6666	
	2	S		1212	12E22	22444	44456	6BBEE	EEEE	4121	11212	1212	
				SS	411	22111	22221	2EE22	24455	2	GSG		
					2	C	C GS GS		24122	2212			
					G			22C	C G				
								G					
FIG													
89		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
90		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
91			**	**			**		*			*****	
92		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
93		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
94			**	**			**		*			*****	
95		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
96		*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
97		TTTT	TTTTT							TTTTT	TTTTTT	T	
98			*	**	T	T		*	T	T			*****
99		TTTT	TTTTT							T*TTT	*T*TT	T	
100			TTTT	*TT	TTT*TT	T*TT	TT*TT	T*TT	TT*TT	T*TTT	*T*TT	T	
101		TTTT	TTTTT	TTTT	*TT	TTT*TT	T*TT	T*TT	TT*TT	T*TTT	*T*TT	T	
102		TTTT	TTTTT	TTTT	TTT	TTTTTT	TTTT	TTTT	TTTTT	TTTTT	TTTTTT	T	
103		TTTT	TTTTT	TTTTT	TTTTT	TTTTT	TTTTT	TTTTT	T	T	TTTTT	TTTT	
104		TTTT	TTTTT	TTTTT	TTTTT	TTTTT	TTTTT	T		T	TT	TTTTT	TTTT
105		TTTT	TTTTT	TTTTT	TTTTT	TTTTT	TTTTT	TT		T	TT	TTTTT	TTTTT

## CONTENTS

TU320

ENGINE (E3AF1-B01K)

CYLINDER HEAD AND OTHER PARTS .....	Fig. 1
HEAD COVER AND OTHER PARTS .....	Fig. 2
INLET MANIFOLD AND OTHER PARTS .....	Fig. 3
EXH MANIFOLD AND OTHER PARTS .....	Fig. 4
CYLINDER BODY AND OTHER PARTS .....	Fig. 5
CRANK BEARING SYSTEM .....	Fig. 6
OIL PAN AND OTHER PARTS .....	Fig. 7
REAR PLATE SYSTEM .....	Fig. 8
TIMING GEAR CASE AND OTHER PARTS .....	Fig. 9
ENGINE, HANGER AND FIXING PARTS .....	Fig. 10
VALVE MECHANISM .....	Fig. 11
CAM SHAFT AND OTHER PARTS .....	Fig. 12
PISTON, CONN, ROD AND OTHER PARTS .....	Fig. 13
PISTON AND PISTON RING (OPTION) .....	Fig. 14
CRANK SHAFT AND FLY WHEEL .....	Fig. 15
OIL FILTER AND OIL PUMP .....	Fig. 16
COOLING SYSTEM .....	Fig. 17
WATER PIPE AND THERMOSTAT .....	Fig. 18
COOLING FAN AND PULLEY .....	Fig. 19
NOZZLE AND FUEL PIPE .....	Fig. 20
INJECTION PUMP AND OTHER PARTS .....	Fig. 21
RUBBER HOSE AND OTHER PARTS .....	Fig. 22
GENERATOR, STARTER AND OTHER PARTS .....	Fig. 23
ELECTRICAL PARTS .....	Fig. 24
COMPONENT PARTS FOR 6215 - 300 - 110 - 00 ON FIG.20 .....	Fig. 25
COMPONENT PARTS FOR 6281 - 200 - 004 - 00 ON FIG.23 .....	Fig. 26
COMPONENT PARTS FOR 6281 - 100 - 009 - 10 ON FIG.23 .....	Fig. 27



# CONTENTS

## CHASSIS

ENGINE STOP AND FILTER SYSTEM .....	Fig. 1
RADIATOR SYSTEM .....	Fig. 2
MUFRLER SYSTEM .....	Fig. 3
AIR CLEANER SYSTEM .....	Fig. 4
BATTERY SYSTEM .....	Fig. 5
ACCELE SYSTEM .....	Fig. 6
CLUTCH HOUSING SYSTEM .....	Fig. 7
CLUTCH GEAR AND DRIVE GEAR SYSTEM .....	Fig. 8
CLUTCH PEDAL SYSTEM .....	Fig. 9
FRONT P.T.O. SYSTEM (20) (OPTION) .....	Fig. 10
FRONT P.T.O. SYSTEM (B) (OPTION) .....	Fig. 11
FRONT P.T.O. SYSTEM (C) (OPTION) .....	Fig. 12
P.T.O.(FRONT/MID/E20) (OPTION) .....	Fig. 13
JOINT (MID/E20) (OPTION) .....	Fig. 14
P.T.O.(FRONT/MID/E40) (OPTION) .....	Fig. 15
JOINT (MID/E40) (OPTION) .....	Fig. 16
FRONT 3P SYSTEM (1) (OPTION) .....	Fig. 17
FRONT 3P SYSTEM (2) (OPTION) .....	Fig. 18
FRONT TRANSMISSION CASE SYSTEM .....	Fig. 19
FRONT TRANSMISSION CASE SYSTEM (HST) .....	Fig. 20
INPUT GEAR AND CHANGE GEAR SYSTEM .....	Fig. 21
INPUT GEAR AND CHANGE GEAR SYSTEM (HST) .....	Fig. 22
FRONT TRANSMISSION GEAR SYSTEM .....	Fig. 23
FRONT TRANSMISSION GEAR SYSTEM (HST) (1) .....	Fig. 24
FRONT TRANSMISSION GEAR SYSTEM (HST) (2) .....	Fig. 25
MAIN LEVER SYSTEM .....	Fig. 26
COVER METAL SYSTEM (HST) .....	Fig. 27
CHANGE SHIFTER SYSTEM .....	Fig. 28
SUB CHANGE SHIFTER SYSTEM (HST) (1) .....	Fig. 29
SUB CHANGE SHIFTER SYSTEM (HST) (2) .....	Fig. 30

FRONT SHIFTER SYSTEM .....	Fig. 31
FRONT SHIFTER SYSTEM (HST) .....	Fig. 32
FRONT DRIVE SYSTEM (HST) .....	Fig. 33
UNIT SYSTEM (HST) .....	Fig. 34
PEDAL SYSTEM (HST) .....	Fig. 35
PIPE SYSTEM (HST) .....	Fig. 36
REAR TRANSMISSION CASE SYSTEM .....	Fig. 37
DIFF – CASE SYSTEM .....	Fig. 38
REAR AXLE HOUSING SYSTEM .....	Fig. 39
DIFF – LOCK SYSTEM .....	Fig. 40
BRAKE SYSTEM (E20) .....	Fig. 41
BRAKE SYSTEM .....	Fig. 42
BRAKE PEDAL SYSTEM .....	Fig. 43
PARKING BRAKE SYSTEM (E20) .....	Fig. 44
PARKING BRAKE SYSTEM .....	Fig. 45
REAR WHEEL SYSTEM .....	Fig. 46
P.T.O. DRIVE SHAFT SYSTEM .....	Fig. 47
P.T.O. DRIVE SHAFT SYSTEM (HST) .....	Fig. 48
P.T.O. LEVER SYSTEM .....	Fig. 49
REAR HITCH SYSTEM .....	Fig. 50
FRAME SYSTEM .....	Fig. 51
FRAME SYSTEM (BE) .....	Fig. 52
FRONT AXLE SYSTEM (T60) .....	Fig. 53
STEERING WHEEL SYSTEM .....	Fig. 54
STEERING CASE SYSTEM .....	Fig. 55
POWER STEERING ASSY (U) .....	Fig. 56
STEERING CASE SYSTEM (U) .....	Fig. 57
DRIVE SHAFT SYSTEM .....	Fig. 58
BEVEL CASE SYSTEM .....	Fig. 59
FRONT AXLE SYSTEM .....	Fig. 60
FRONT GEAR CASE SYSTEM (1) .....	Fig. 61
FRONT GEAR CASE SYSTEM (2) .....	Fig. 62
FRONT WHEEL SYSTEM .....	Fig. 63
DRIVE SHAFT SYSTEM (C TYPE) .....	Fig. 64

CYLINDER CASE SYSTEM .....	Fig. 65
LIFT ARM AND CYLINDER SYSTEM .....	Fig. 66
VALVE COVER SYSTEM .....	Fig. 67
POSITION LEVER SYSTEM .....	Fig. 68
HYDRAULIC PIPING SYSTEM (1) .....	Fig. 69
HYDRAULIC PIPING SYSTEM (2) .....	Fig. 70
LOWER LINK SYSTEM .....	Fig. 71
LIFT ROD SYSTEM .....	Fig. 72
HOOD SYSTEM .....	Fig. 73
GRILLE AND STEERING COVER SYSTEM .....	Fig. 74
SIDE COVER SYSTEM .....	Fig. 75
SIDE COVER SYSTEM (MUFFLER, LENGTH TYPE) .....	Fig. 76
FENDER SYSTEM (E20, E60) .....	Fig. 77
FENDER SYSTEM (B) .....	Fig. 78
FENDER SYSTEM (E40, E50, E60) .....	Fig. 79
FRONT COVER SYSTEM (E20) .....	Fig. 80
FRONT COVER SYSTEM (B) .....	Fig. 81
FRONT COVER SYSTEM (E40, E50, E60) .....	Fig. 82
SEAT SYSTEM .....	Fig. 83
SEAT SYSTEM (E61, E62) .....	Fig. 84
FUEL TANK SYSTEM .....	Fig. 85
STEP SYSTEM .....	Fig. 86
STEP SYSTEM (HST) .....	Fig. 87
STEP SYSTEM (C TYPE) .....	Fig. 88
METER SYSTEM .....	Fig. 89
BULB SYSTEM .....	Fig. 90
BULB SYSTEM (E61, E62) .....	Fig. 91
SWITCH SYSTEM .....	Fig. 92
WIRE HARNESS SYSTEM .....	Fig. 93
WIRE HARNESS SYSTEM (E61, E62, U15) .....	Fig. 94
MARKS .....	Fig. 95
TOOL .....	Fig. 96
CREEP MISSION SYSTEM (OPTION) (EXCEPT H • M) .....	Fig. 97
TRAILER HITCH SYSTEM .....	Fig. 98

VALVE (SUB/1) SET SYSTEM (EXCEPT H·M) .....	Fig. 99
VALVE (SUB/1/H) SET SYSTEM (H·M) .....	Fig. 100
METAL COVER SYSTEM (G) .....	Fig. 101
VALVE (SUB/2) SET SYSTEM (OPTION) .....	Fig. 102
VALVE (SUB/1) SET SYSTEM (OPTION) .....	Fig. 103
CONTROL VALVE SYSTEM (OPTION) .....	Fig. 104
VALVE (SUB/1/H) SET SYSTEM (OPTION) .....	Fig. 105
WIRING DIAGRAM	

# ENGINE

E3AF1 – B01K...TU320







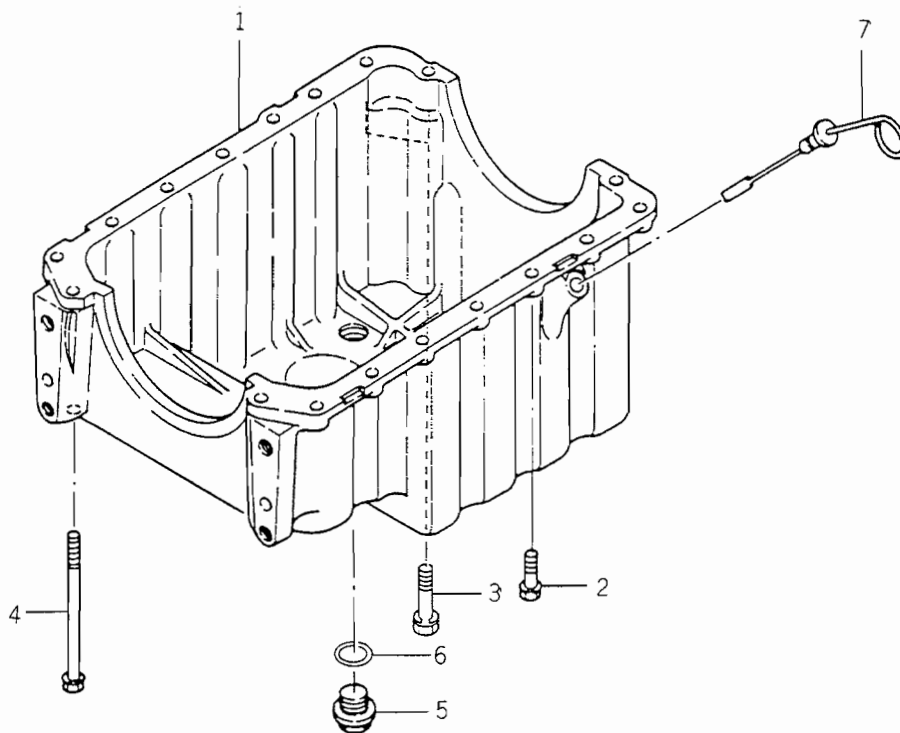








FIG. 7 OIL PAN AND OTHER PARTS



6002-210E

KEY	PART CODE	DESCRIPTION	QTY	TYPE OF MODEL		I T C	C O L	G R P	REMARKS
				E3AF1 B01K					
1	6211 - 361 - 005 - 30	PAN,OIL	1	*					
2	6901 - 910 - 825 - 00	BOLT,WS	14	*					
3	6901 - 910 - 845 - 00	BOLT,SEMS/M8X45	2	*					
4	6209 - 030 - 004 - 00	BOLT,WS	2	*					
5	6209 - 600 - 002 - 00	PLUG/20	1	*					
6	6209 - 623 - 001 - 00	O - RING/G25	1	*					
7	6211 - 760 - 001 - 20	GAUGE,LEVEL	1	*					