

# FOREWORD

This manual covers the service procedures of the TOYOTA FORKLIFT 6FGCU33~45. Please use this manual for providing quick, correct servicing of the corresponding forklift models.

This manual deals with the above models as of March 1997. Please understand that disagreement can take place between the descriptions in the manual and actual vehicles due to change in design and specifications. Any change or modifications thereafter will be informed by Toyota Industrial Equipment Parts & Service News.

For the service procedures of the mounted engine, read the repair manuals listed below as reference together with this manual.

(Reference)

Repair manuals related to this manual are as follows:

TOYOTA INDUSTRIAL EQUIPMENT GM6-262 ENGINE  
REPAIR MANUAL (No. C4630)

**TOYOTA MOTOR CORPORATION**

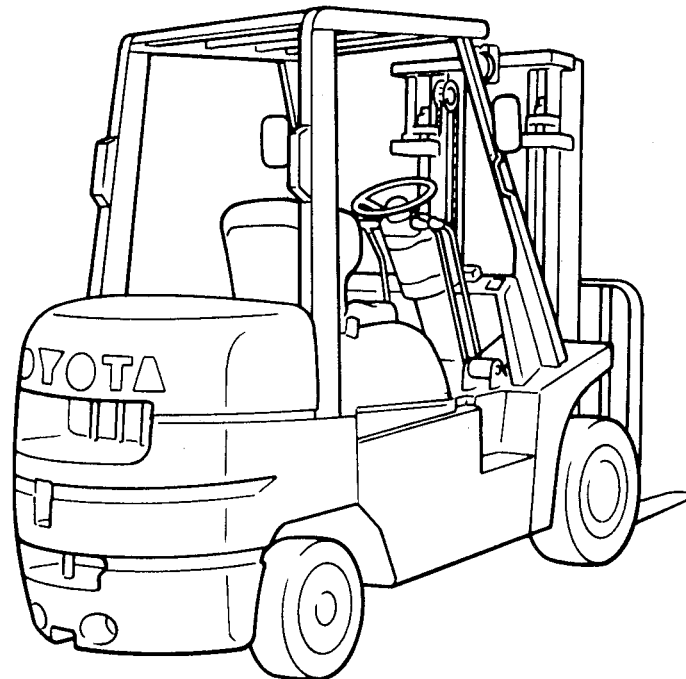
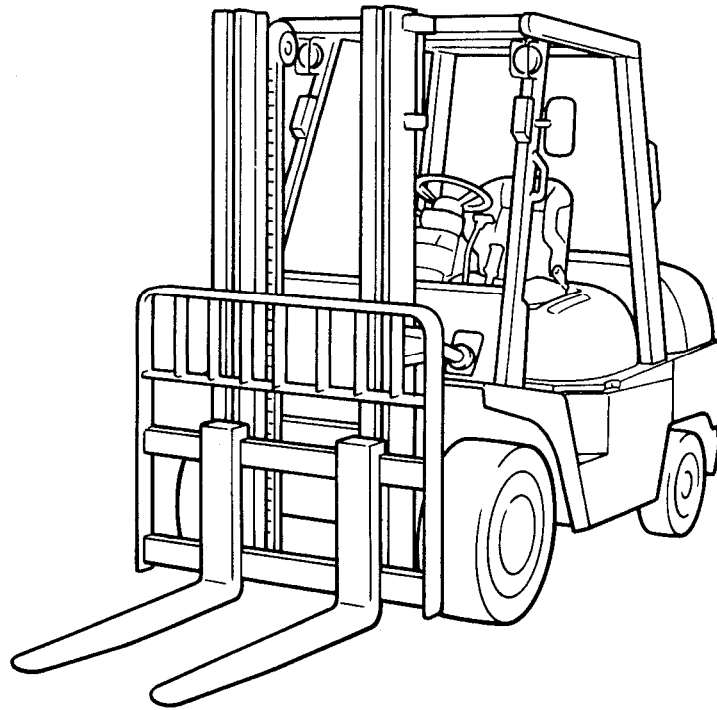
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## GENERAL

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# EXTERIOR VIEWS



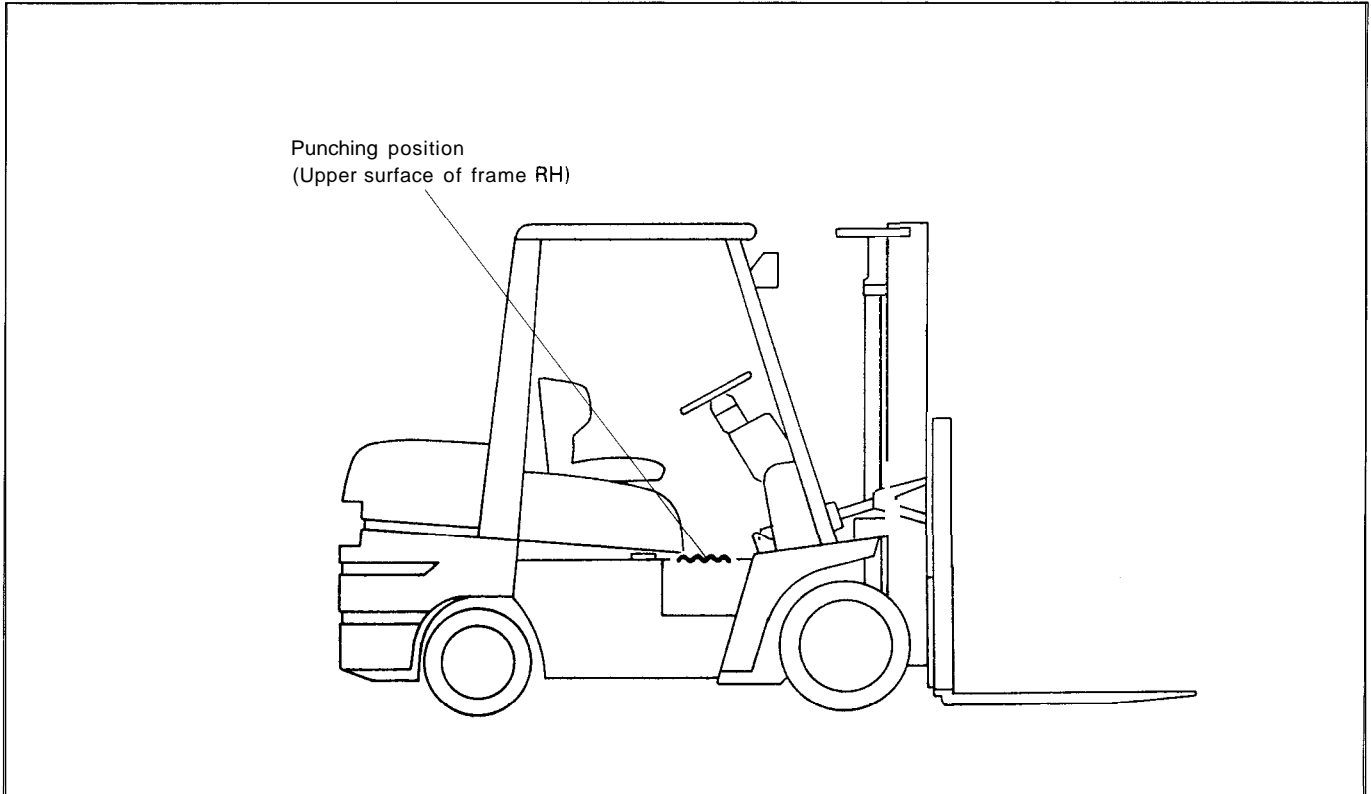
## VEHICLE MODEL-FRAME NUMBER

Model	Load capacity* ton (lb)	Engine	Drive system	Punching format
52-6FGCU33	3.25 (7000)	GM6-262	Torque converter	506FGCU45-60011
52-6FGCU35	3.5 (8000)			
52-6FGCU45	4.5 (10000)			

\*: When the load center is 600 mm (24 in).

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### Frame No. punching position



## HOW TO READ THIS MANUAL

### EXPLANATION METHOD

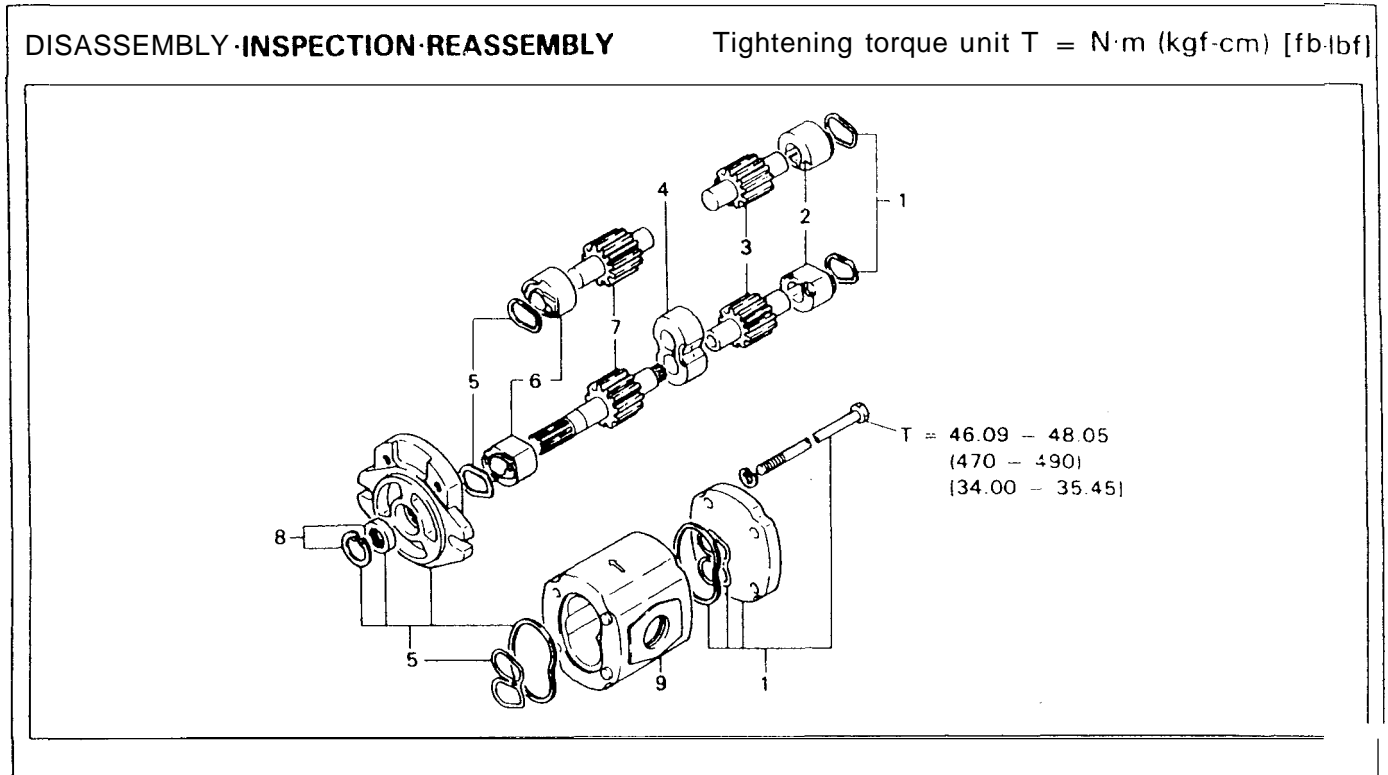
#### 1. Operation procedure

(1) The operation procedure is described in either pattern A or pattern B below.

Pattern A: Explanation of each operation step with an illustration.

Pattern B: Explanation of operation procedure by indicating step numbers in one illustration, followed by explanation of cautions and notes summarized as point operations.

Example of description in pattern B



#### disassembly Procedure

- 1 Remove the cover. **[Point 1]**
- 2 Remove the bush [Point 2] ← Operation explained later
- 3 Remove the gear.

**Point operations** Explanation of key point for operation with an illustration

#### [Point 1]

Disassembly: Put a match mark when removing the pump cover.

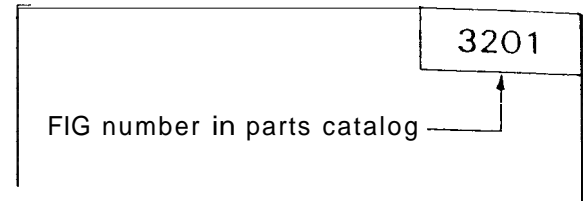
#### [Point 2]

Inspection: Measure the bush inside diameter.  
Bush inside diameter limit: 19.12 mm (0.7528 in)

## 2. How to read components figures

- (1) The components figure uses the illustration in the parts catalog for the vehicle model. Please refer to the catalog for checking the part name.  
The number at the right shoulder of each components figure indicates the Fig. number in the parts catalog.

(Example)



## 3. Matters omitted in this manual

- (1) This manual omits description of the following jobs, but perform them in actual operation
- ⑧ Cleaning and washing of removed parts as required
  - ⑧ Visual inspection (partially described)

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**TERMINOLOGY****Caution:**

**Important matters of which negligence may cause accidents. Be sure to observe them.**

**Note:**

**Important items of which negligence may cause accidents, or matters in operation procedure requiring special attention.**

Standard: Values showing allowable range in inspection and adjustment.

Limit: Maximum or minimum allowable value in inspection or adjustment.

**ABBREVIATIONS**

Abbreviation (code)	Meaning	Abbreviation (code)	Meaning
ASSY	Assembly	RH	Righthand
FHPS	Full hydraulic power steering	SAE	Society of Automotive Engineers (USA)
L/	Less	SST	Special service tool
LH	Lefthand	STD	Standard
LLC	Long life coolant	T =	Tightening torque
OPT	Option	○ ○ T	Number of teeth (○ ○)
O/S	Oversize	U/S	Undersize
PS	Power steering	W/	With

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