

# Parts Catalogue

## T224NH



Printed : 2019 Version  
Part number of this book: 1165 912 003 0

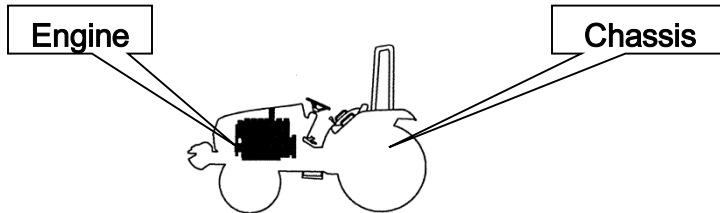
# Important tips of Parts Catalogue

We thank you for your purchasing our product, manufactured under strict quality control, by gathering plenty of experiences and new technology, designed for a comfort and pleasant work.

## 1. Part Composition

This catalogue deals with engine and chassis.

Detailed classifications are listed in the following page.



## 2. For locating parts easily, Please Note:

A. If you know the assembly where the part is used.

-Refer to the relevant figure from the identifying group symbol illustration,

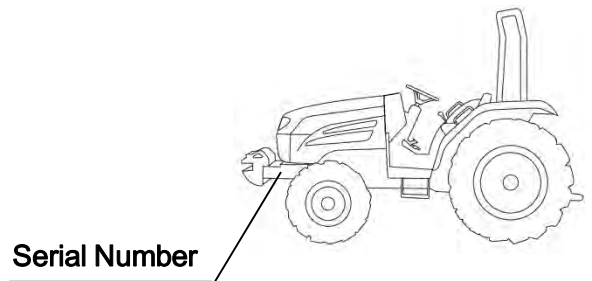
-Locate the relevant chapter

-Refer to the particular chapter desired.

## 3. For ordering parts

To obtain spare parts please contact your nearest dealer and give him the details listed below.

- ① Tractor Model : Tractor T254NH
- ② Tractor Serial Number : H00001
- ③ Part Number : 11111010010
- ④ Description : COUPLING , PTO
- ⑤ Quantity required: 1



## 4. For ordering PARTS CATALOGUE

This is Priced item and one is to order the same on part No. 11119120030

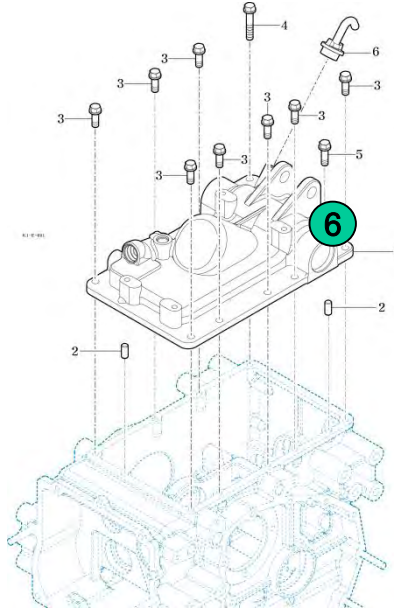
This supersedes all our editions.

Note) When replacing parts, please use original spare parts to be sure of the performance and the longer life of the product

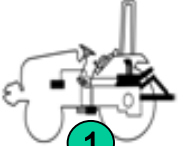
※ The information in this catalogue may at any time be modified without a prior notice for the improvement of performance, please consult our spare parts dept. for the detailed inquiry.

## 5. How to use parts catalogue

<p>FIG 601 ②</p>	<p>③ CYLINDER CASE</p>	<p>P1 ④</p>	<p>Year ⑤ 2014</p>	
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NOTE	⑬
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<p>FIG 601 ② T254NH</p>	<p>③ CYLINDER CASE</p>	<p>P1 ④</p>	<p>Year ⑤ 2014</p>	
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KEY NO.	PART NO.	DESCRIPTION	SPEC.	QTY.	REPAIR	EFFECTIVE DATE	REMARKS
601 001	11105010011M	CASE ,CYLINDER		1			
601 002	V5201010018	PIN , PARALLELA	10X20(A)	2			
601 003	V2173610030	BOLT , HEX/S	M 10X30	8			
601 004	V2173610055	BOLT , HEX/S	M 10X55	1			
601 005	V2173610065	BOLT , HEX/S	M 10X65	1			
⑥ 006	⑦ 190 ⑦ 110	CAP ASSY , OIL ⑧	⑨	⑩	⑪	⑫	⑭

NOTE	⑬
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- ① Group Indication : Indicate the relevant location of the part with a symbol illustration.
- ② Figure Number: Indicate the relevant section of the machine with a figure number.
- ③ Section Name : Indicate the section name of the machine
- ④ Section Page : Page number of the section in this catalogue.
- ⑤ Date : Show the Year of the section made or updated

⑥ Key number : Indicating number of each parts in the illustration.

⑦ Part Number : Unique part number maintained in our system

The part number starting with V or M means it is TYM s standard part

The alphabet at the end of part number means the status of material or the color of paint

Legend : M:Machining, DG:Dark Gray, BR:Bright Red, SW:Summer White, PB:Pure Black, GB:Glossy Black, SR:Super Red, MS:Metallic Silver DD:Heat proof Black, TY: Tangerine Yellow etc.

⑧ Description : Description of a part, Abbreviation means as follows.

- Indicate the mixture condition of a part

ASSY : Assembly with a mixture of several parts, so can be broke up retaining their original form

COMP : Assembly with a mixture of several parts, but can not be broke up retaining their original form

SUB : mean the same as ASSY but used in lower level in aid.

SET : Part consist of ASSY, COMP, and part(s) as a group

- Indicate the location of a part

LH: Left, RH: Right, FR: Front, RR: Rear, UPR: Upper, LOW: Lower

⑨ Type : Type of the standard items like bolt or nut

⑩ Quantity : Total quantity of the part referred to in the page.

Symbol below indicate options. So, show the quantity of each option.

Note) AR means as requested quantity.

⑪ Repair Parts consumption frequency class: indicate the level of a part in aid of stocking spares, anticipating the service requirements.

A :Fast moving part(frequently required)

B :Medium moving part (sometimes required)

C :Slow moving part(rarely required)

⑫ Modification :

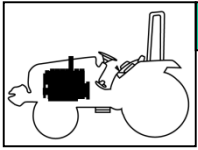
Year/Month~ : From which the change starts

~ Year/Month : To which the part installed

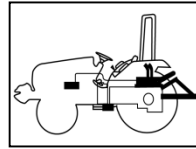
⑬ Notes : explain some reference data

⑭ Remark : indicate reference data or abbreviation in the content.

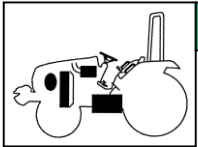
# ENGINEERING GROUP INDEX



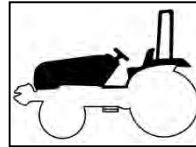
**1** ENGINE



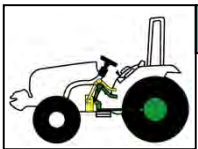
**6** HYDRAULICS & 3-POINT LINK



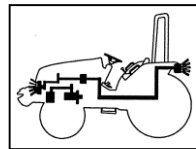
**2** ENGINE ACCESSORIES & CONTROL



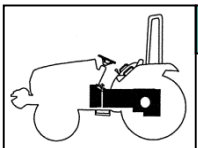
**7** SHEET METAL & ROPS



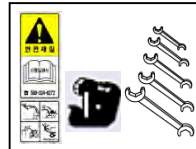
**3** CLUTCH, BRAKE, STEERING



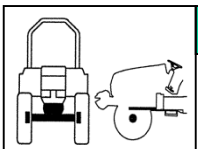
**8** ELECTRICALS & HARNESS



**4** TRANSMISSION & REAR AXLE



**9** LABEL, TOOLS



**5** FRONT AXLE, SUPPORTER & DRIVE SHAFT

067 020	12305180020
077 036	12403160020
036 005	13022250030
037 010	13022250131
041 005	13022250232
046 002	13022250333

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# ENGINE

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**SHEET METAL & R.O.P.S**

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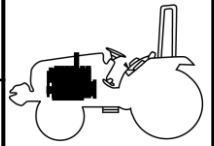
FIG 101

CYLINDER BLOCK

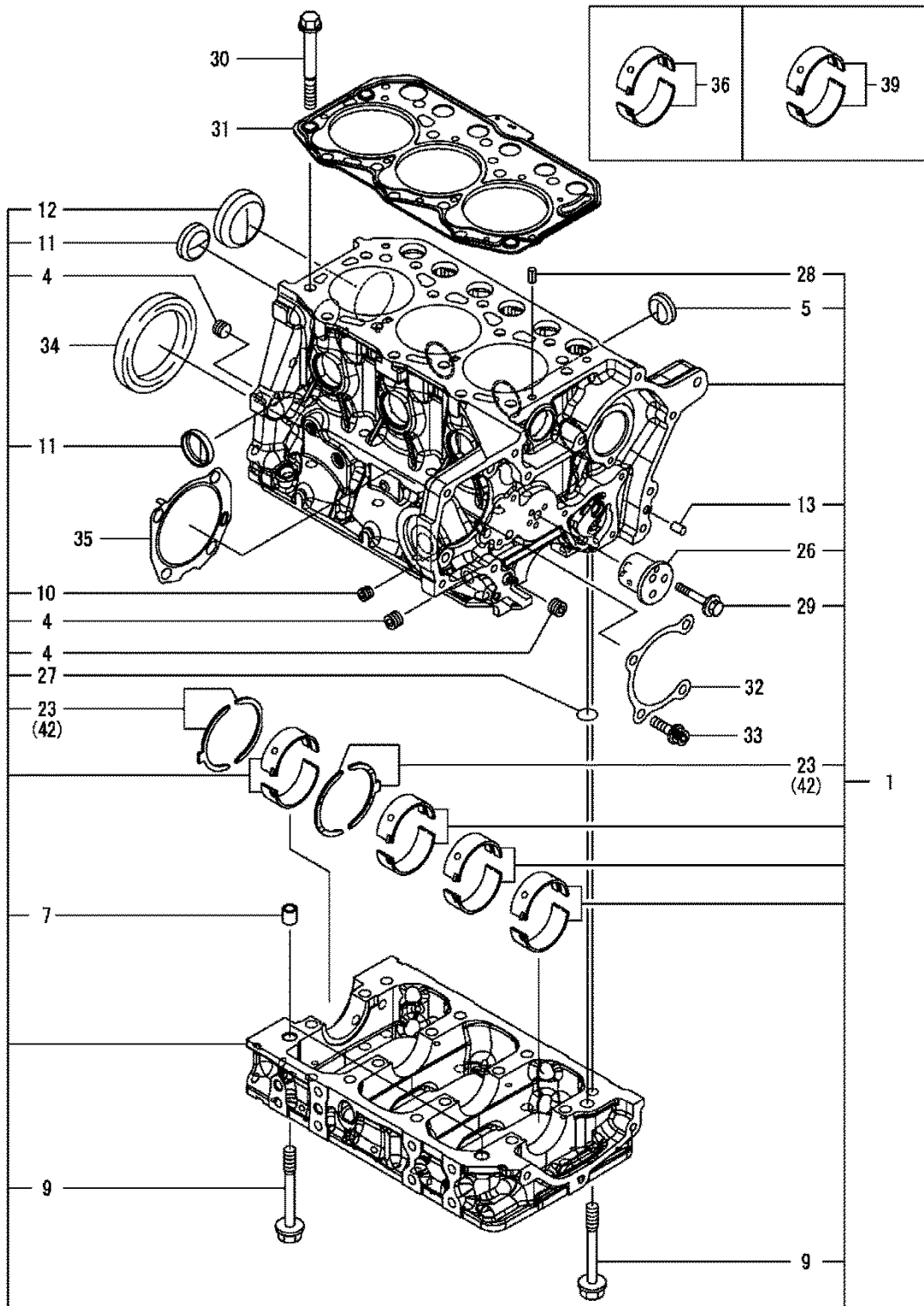
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NOTE

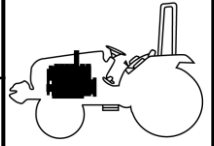
FIG 102

GEAR HOUSING

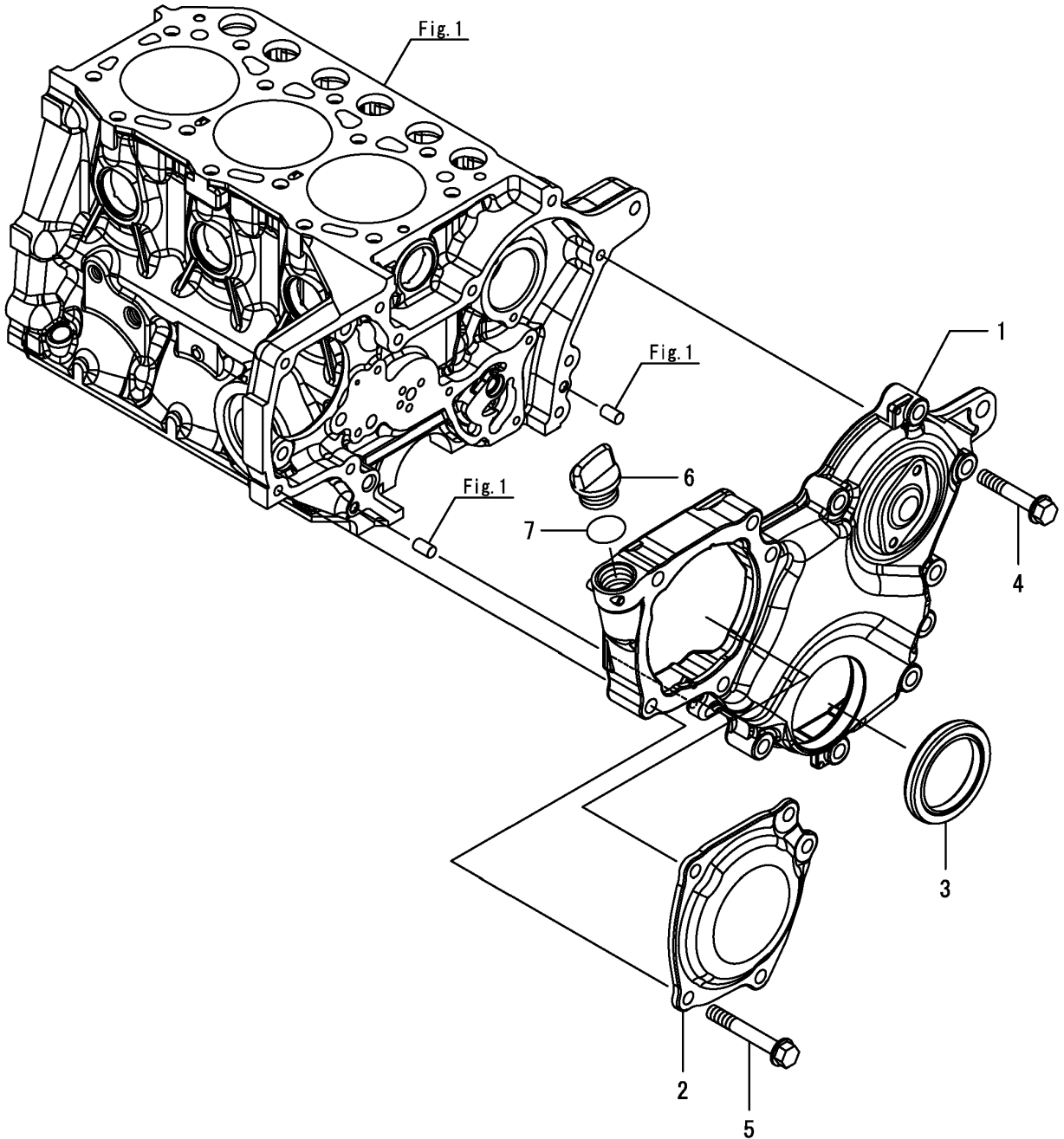
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NOTE

FIG 103

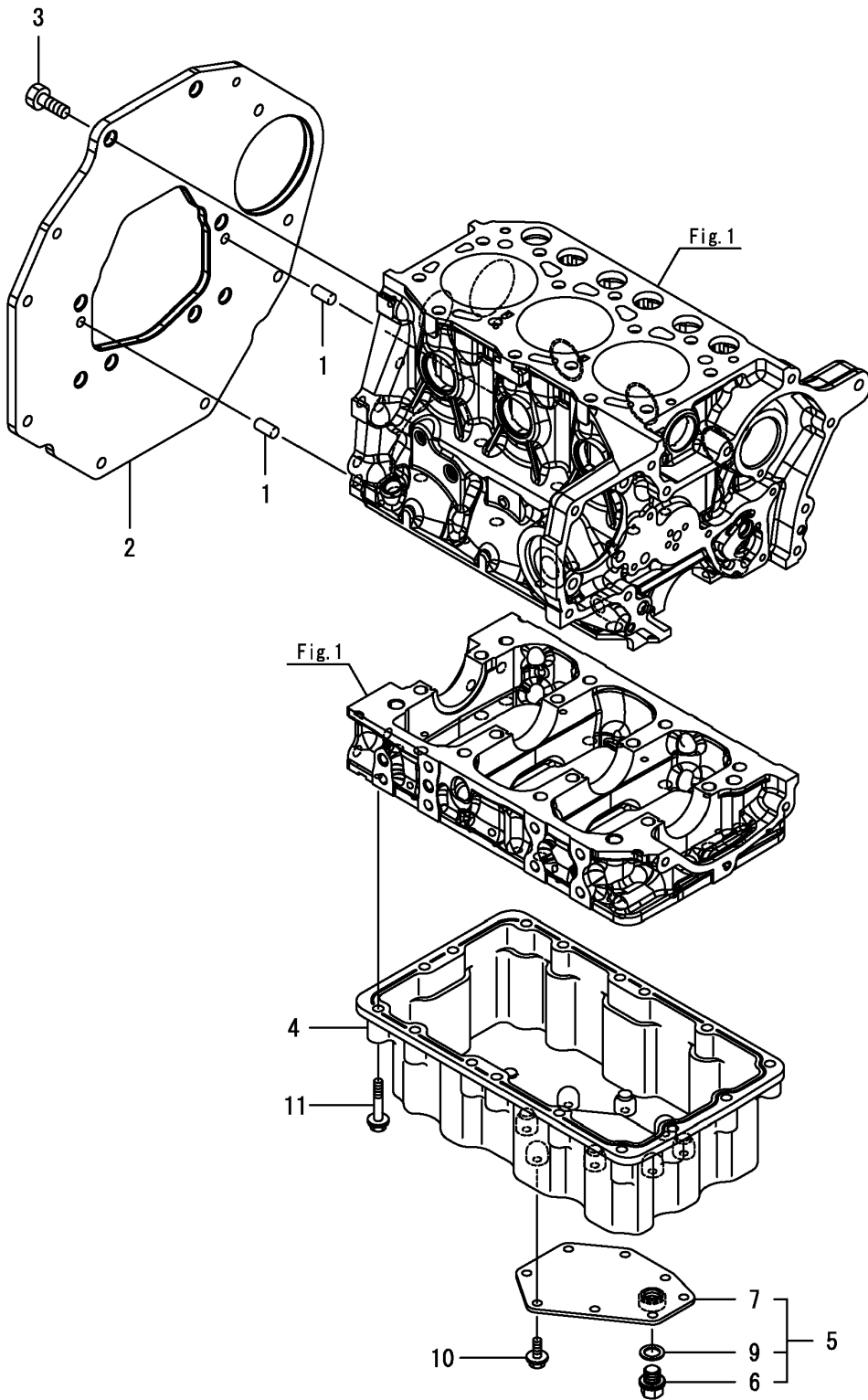
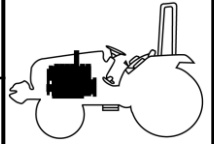
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# FLYWHEEL HOUSING & OIL SUMP

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NOTE

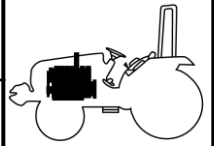
FIG 104

CYLINDER HEAD & BONNET

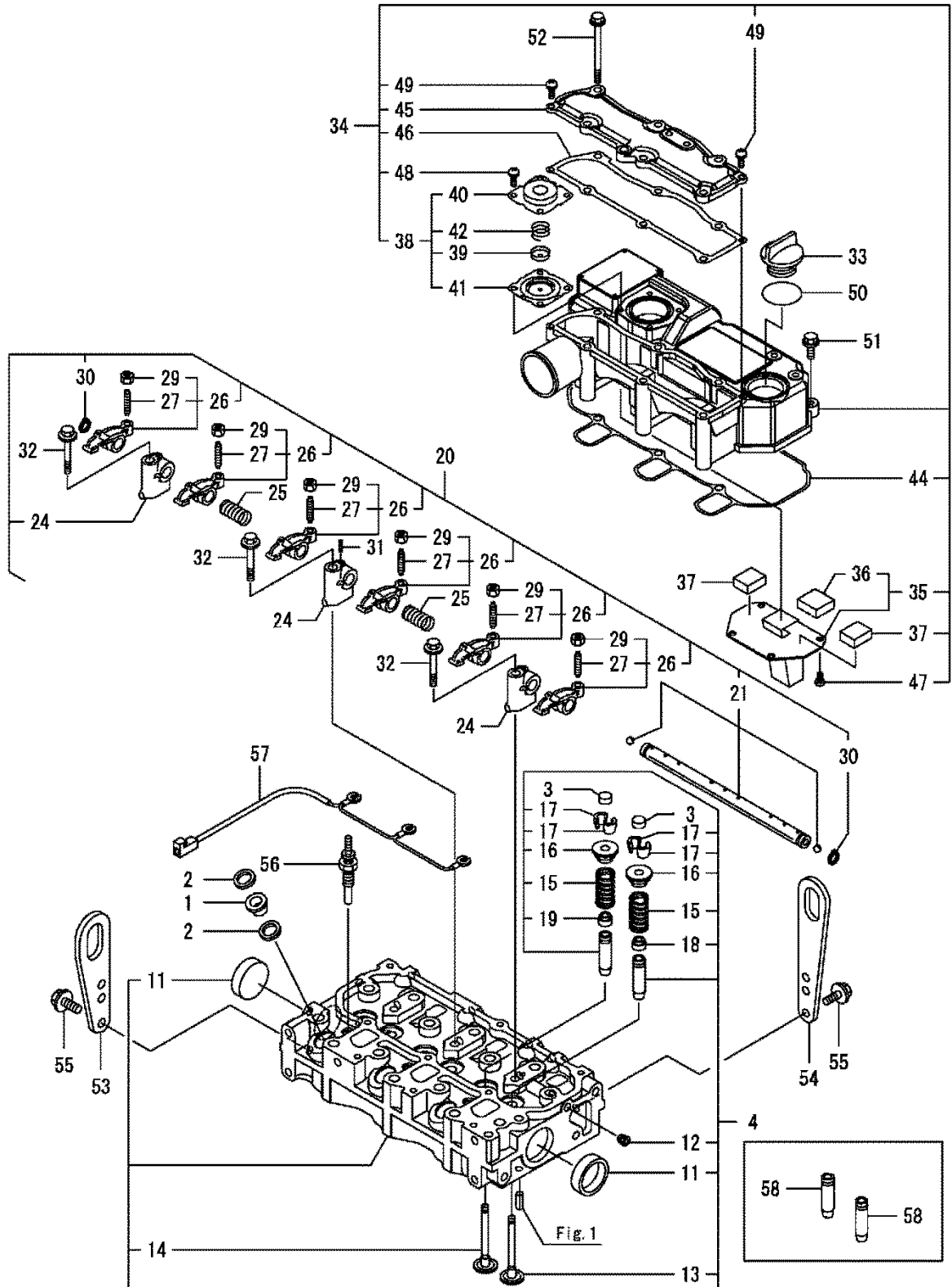
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NOTE

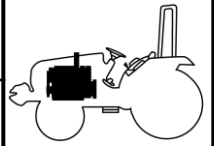
FIG 105

EXHAUST MANIFOLD

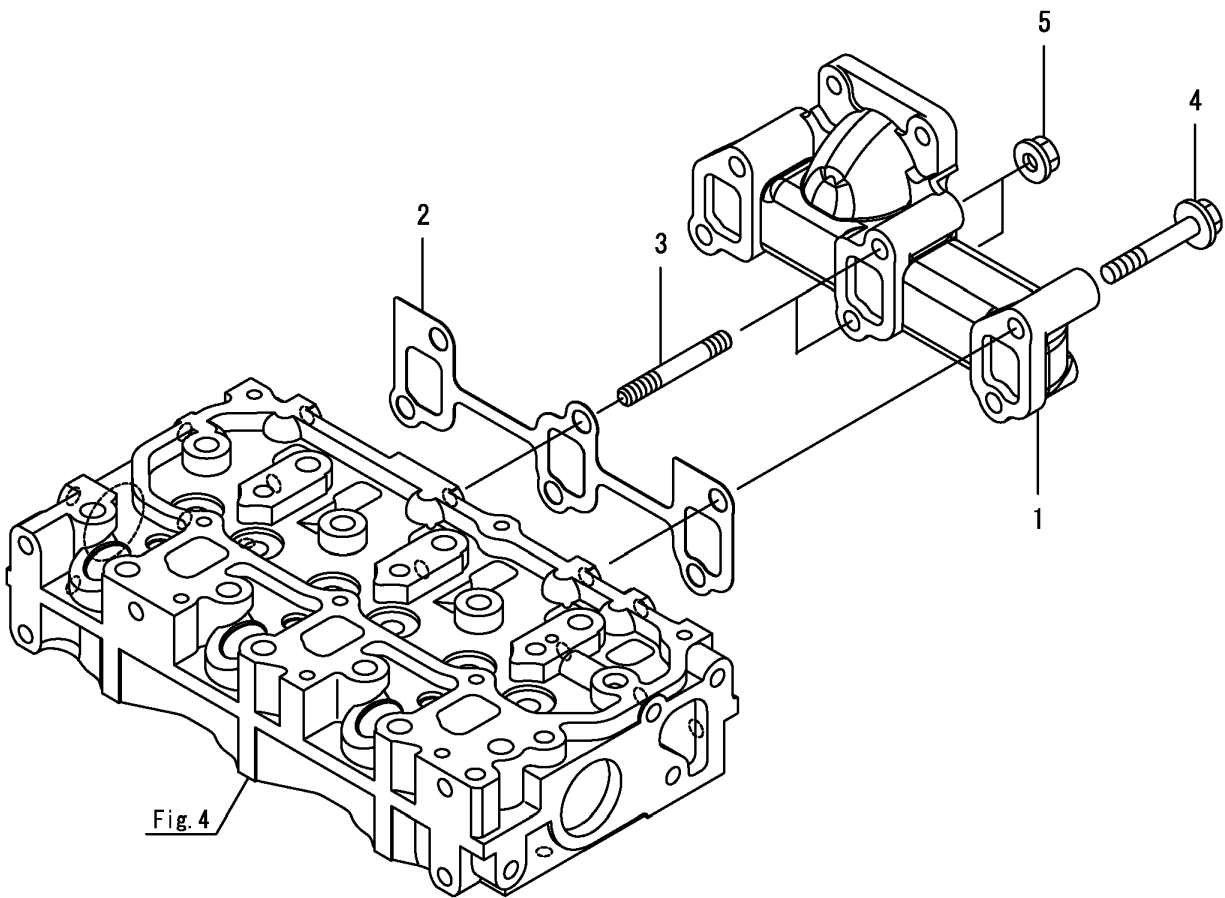
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NOTE



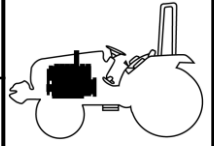
FIG 106

CAMSHAFT & DRIVING GEAR

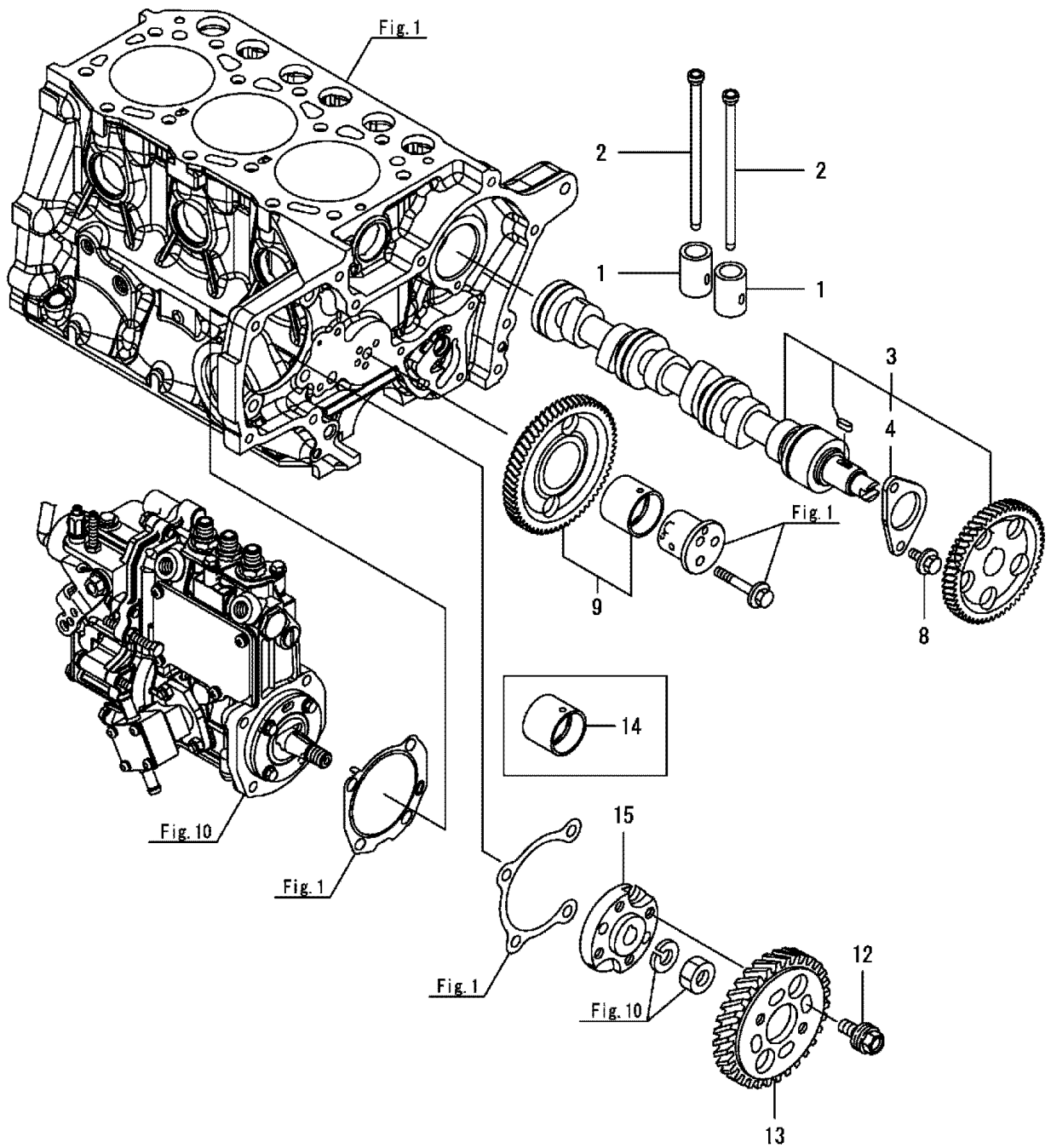
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NOTE

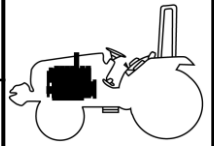
FIG 107

CRANKSHAFT & PISTON

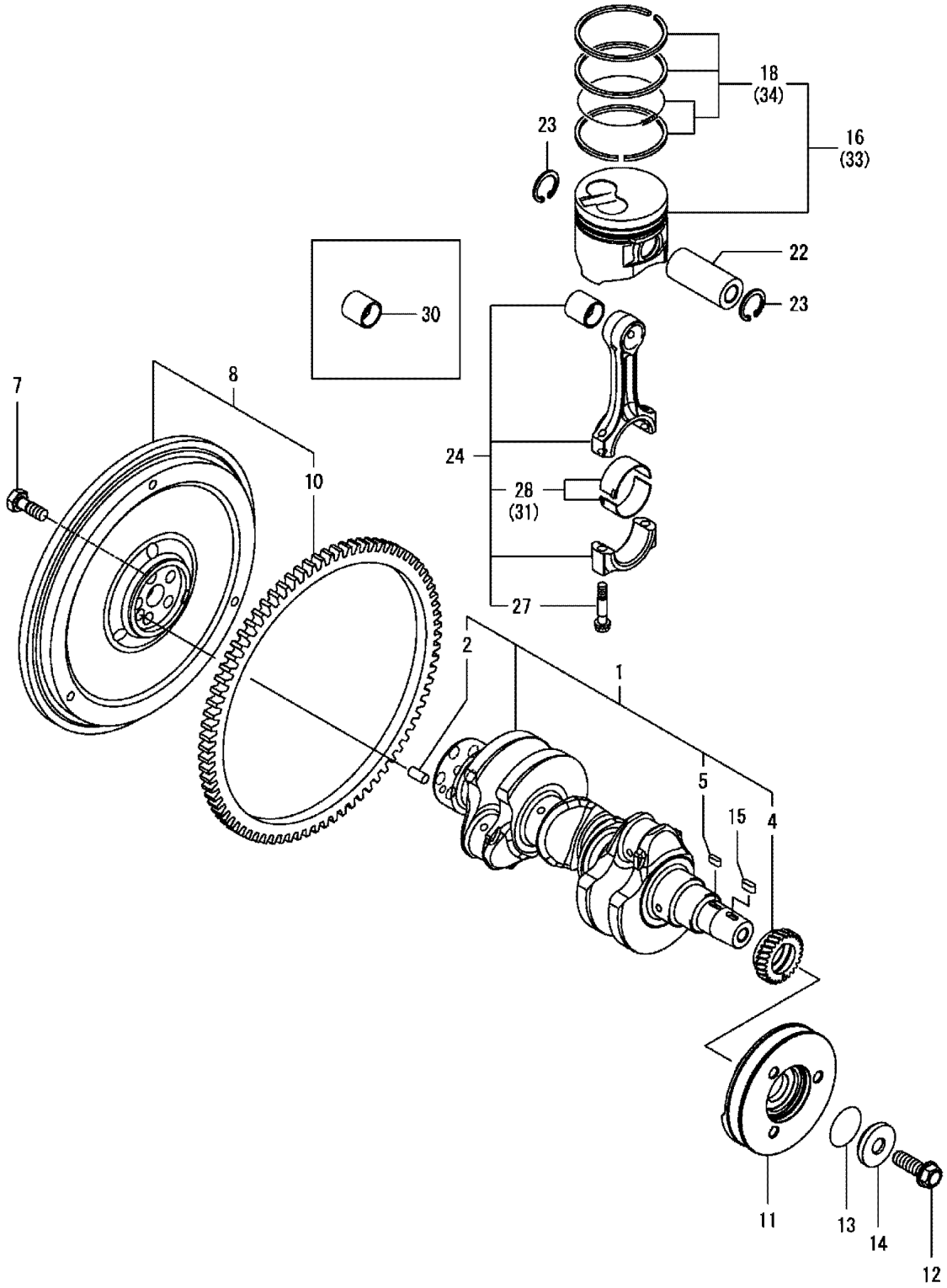
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NOTE

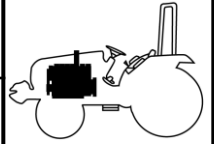
FIG 108

LUB. OIL SYSTEM

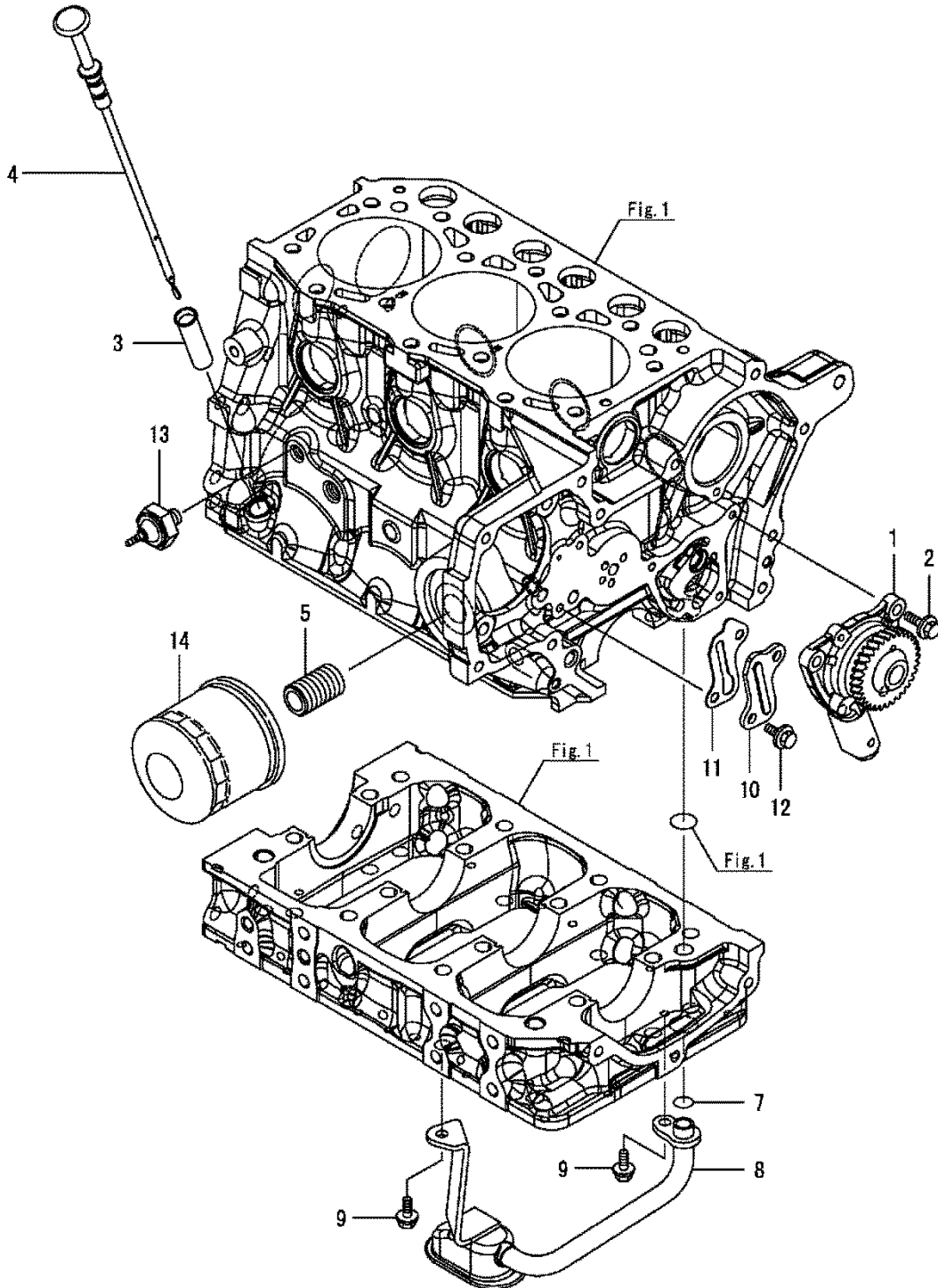
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NOTE

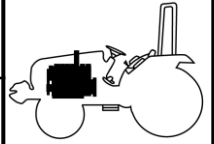
FIG 109

COOLING WATER SYSTEM

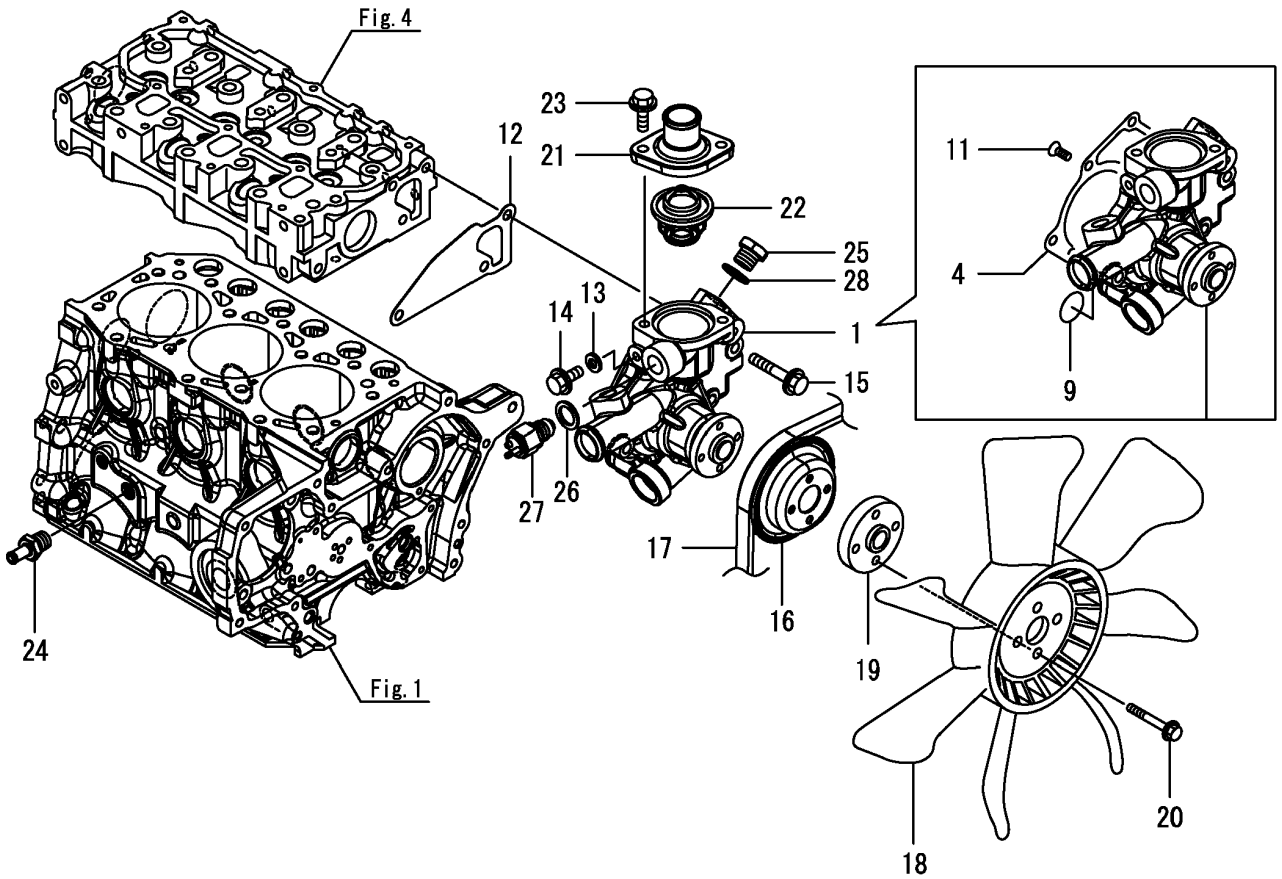
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NOTE

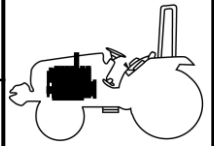
FIG 110

# FUEL INJECTION PUMP

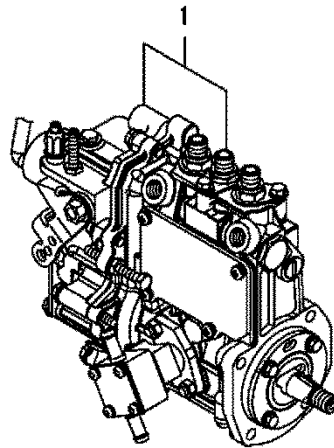
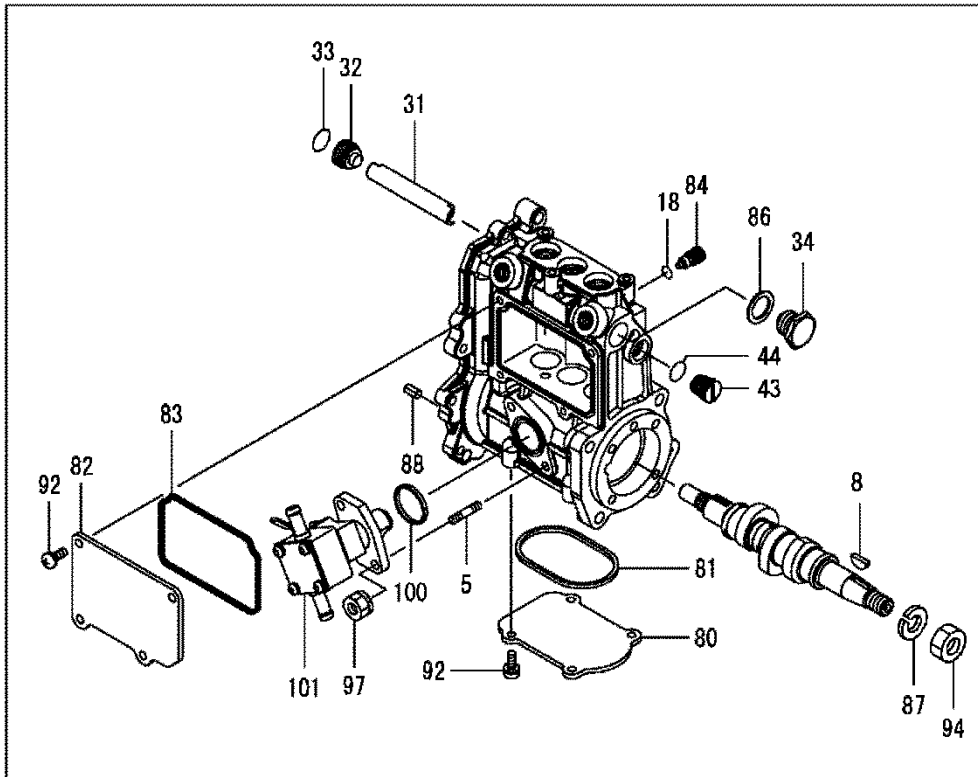
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NOTE

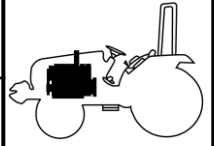
FIG 111

GOVERNOR

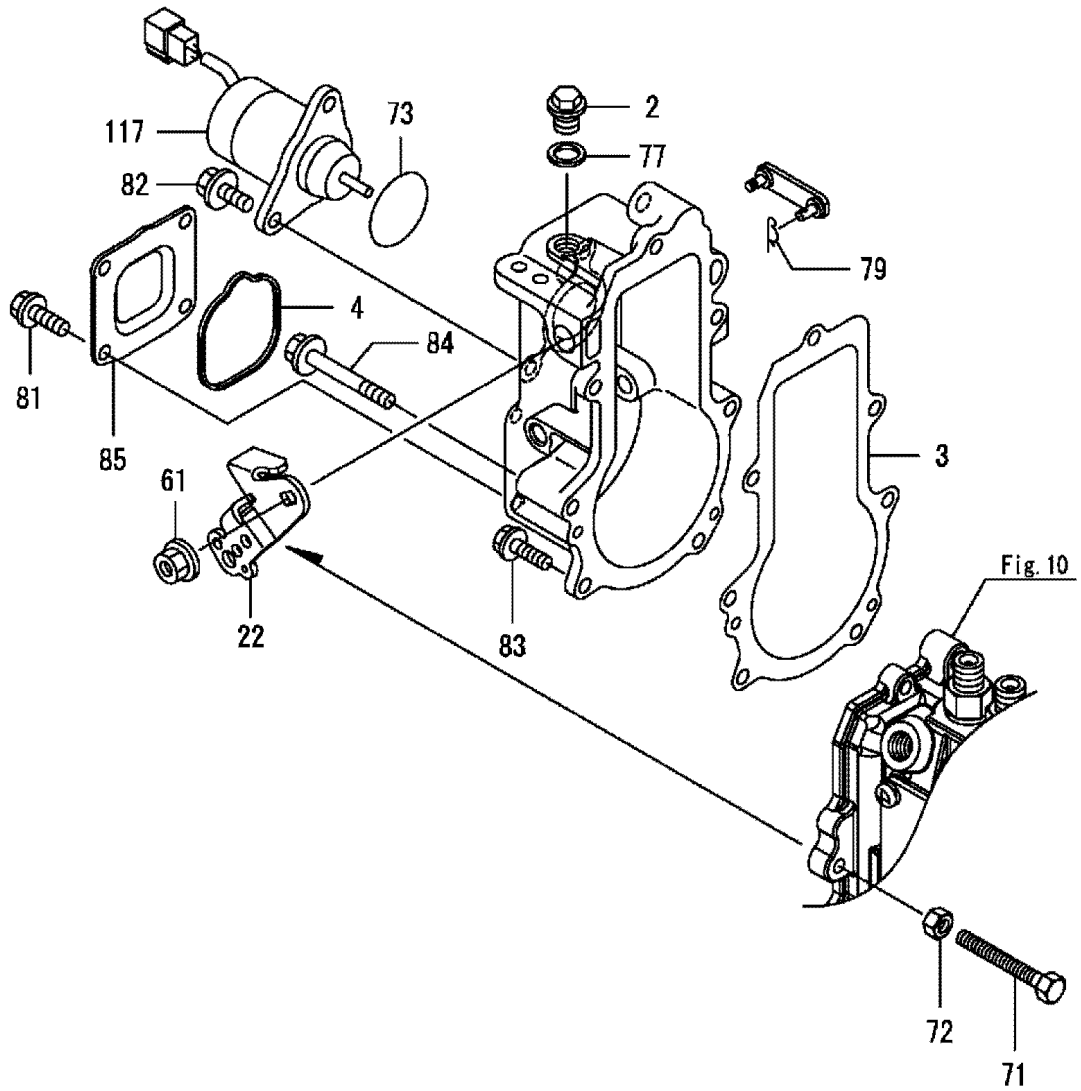
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NOTE

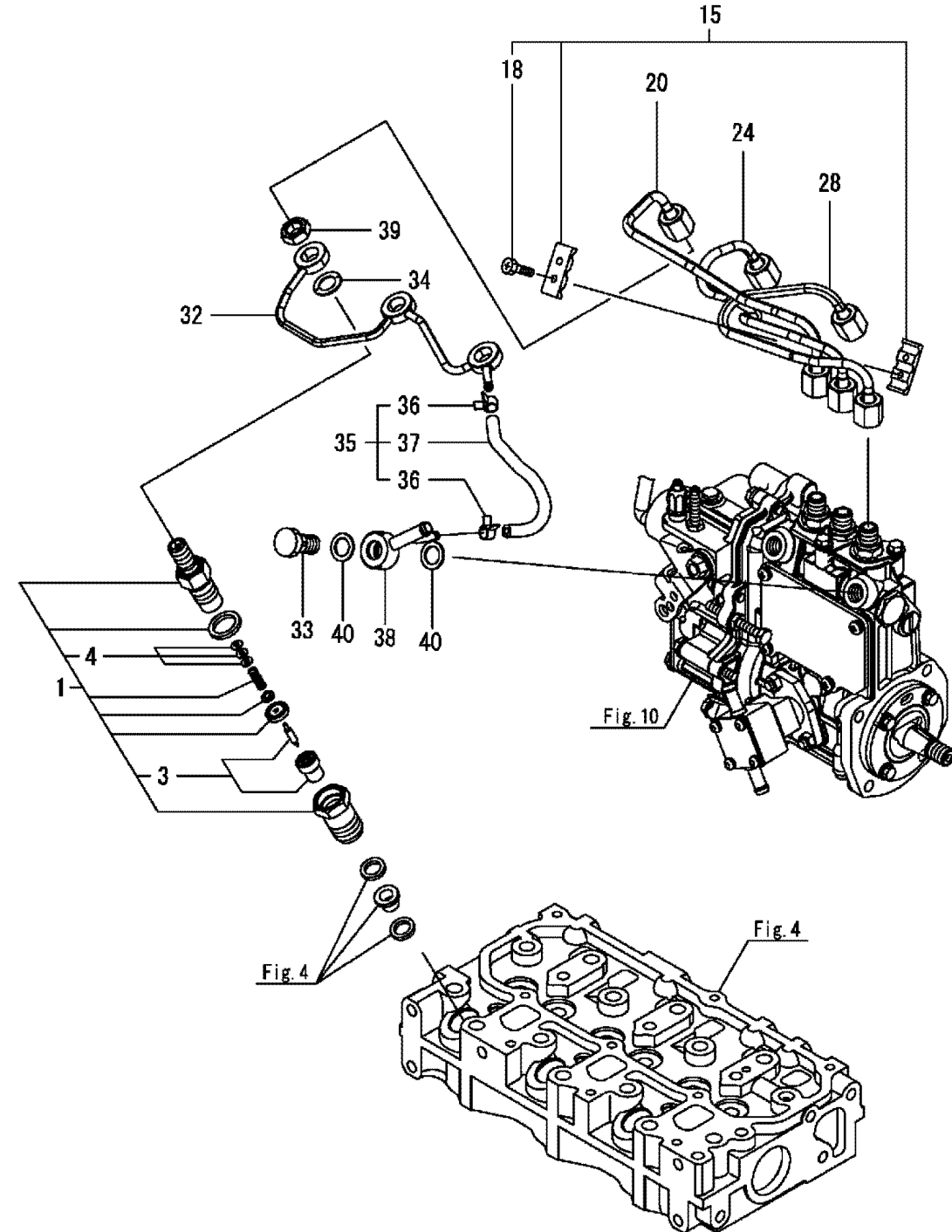
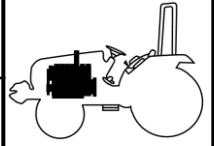
FIG 112

FUEL INJECTION VALVE

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NOTE

FIG 113

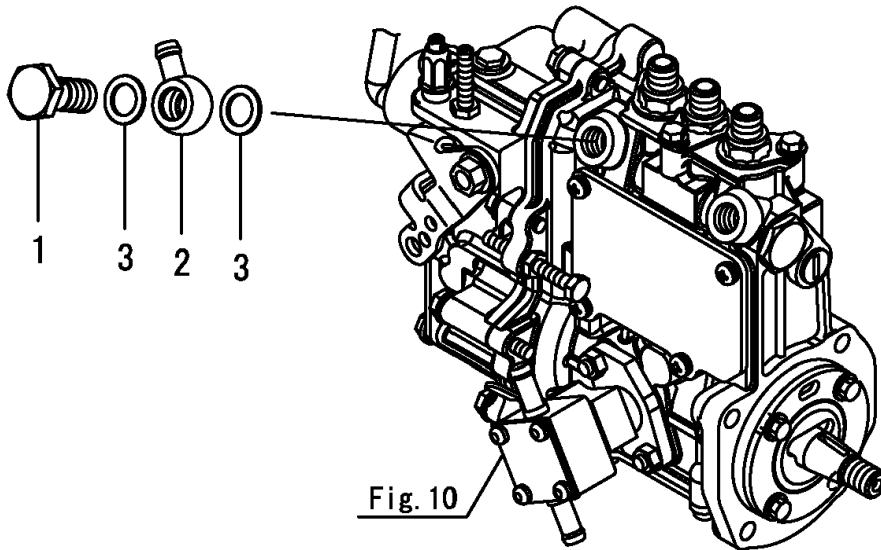
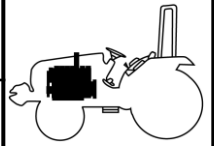
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# FUEL PIPE

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NOTE



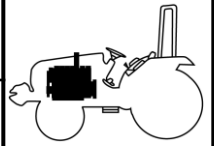
FIG 114

STARTING MOTOR

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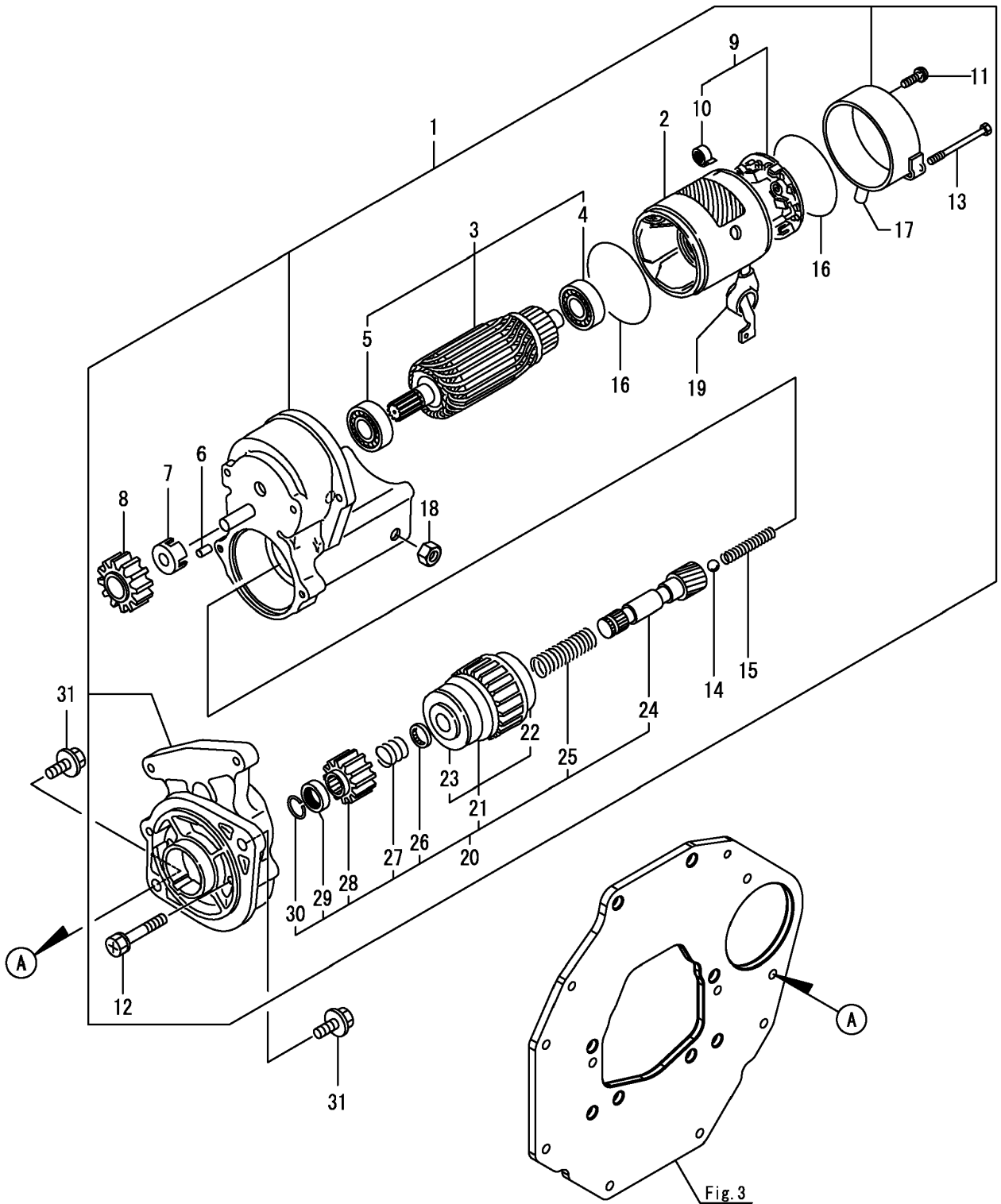
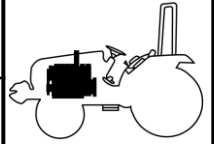
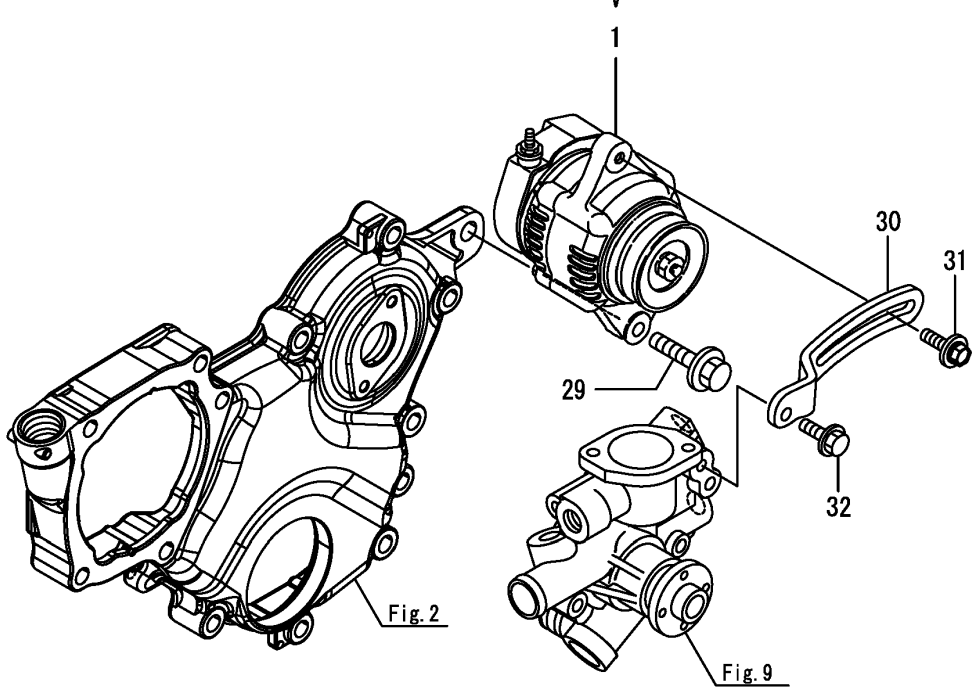
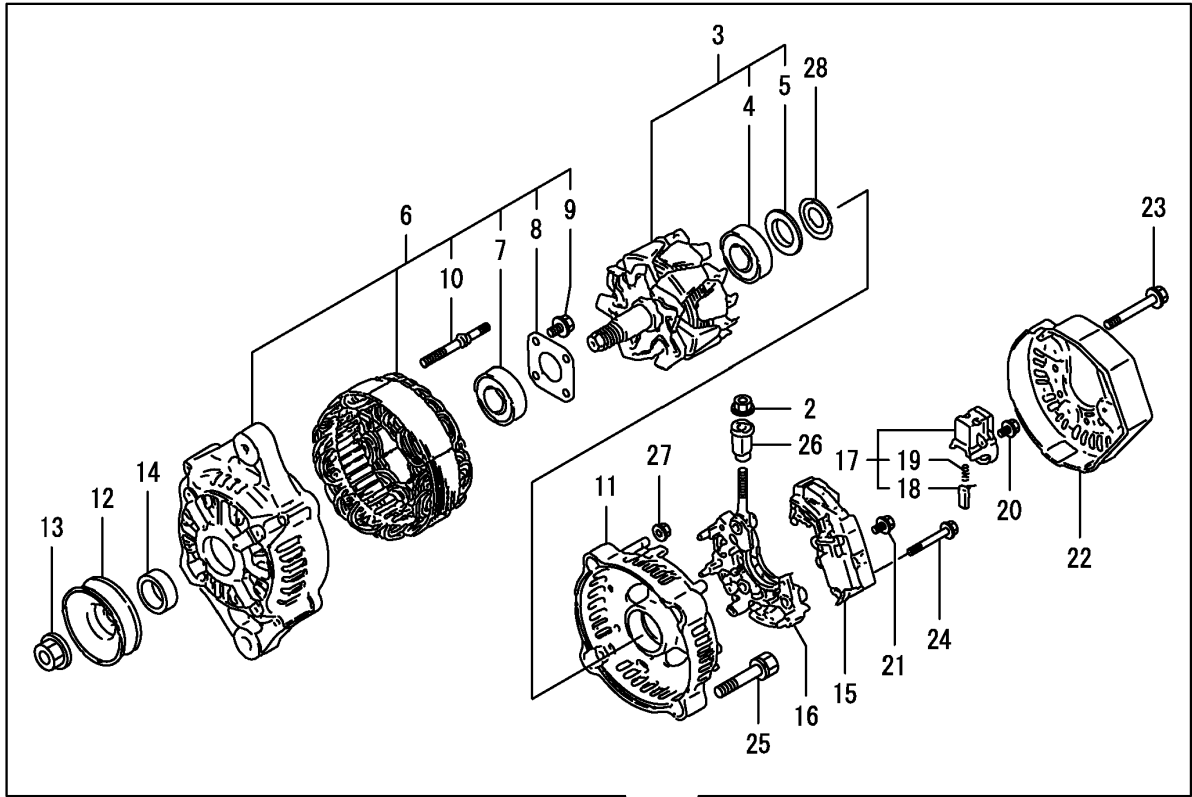


Fig. 3

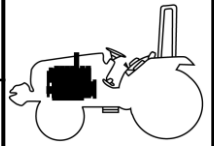
NOTE



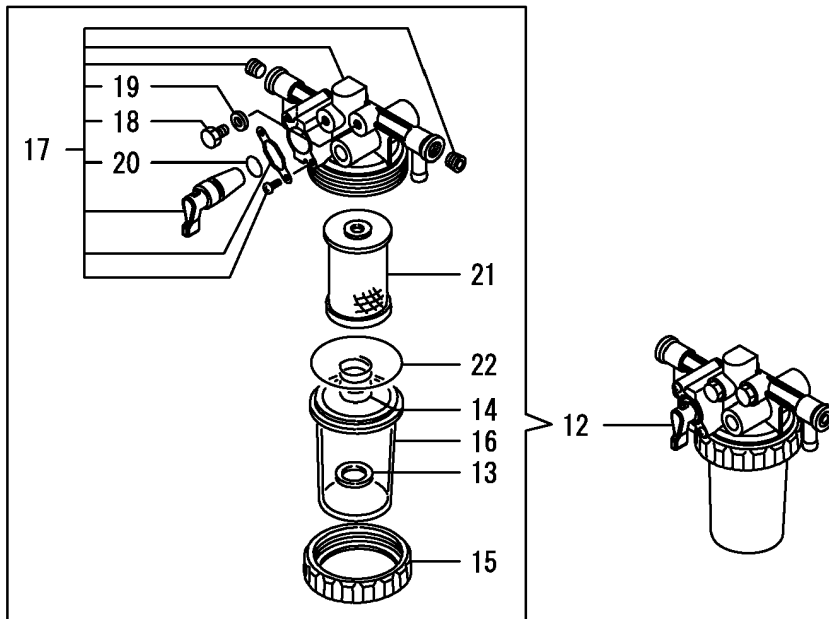
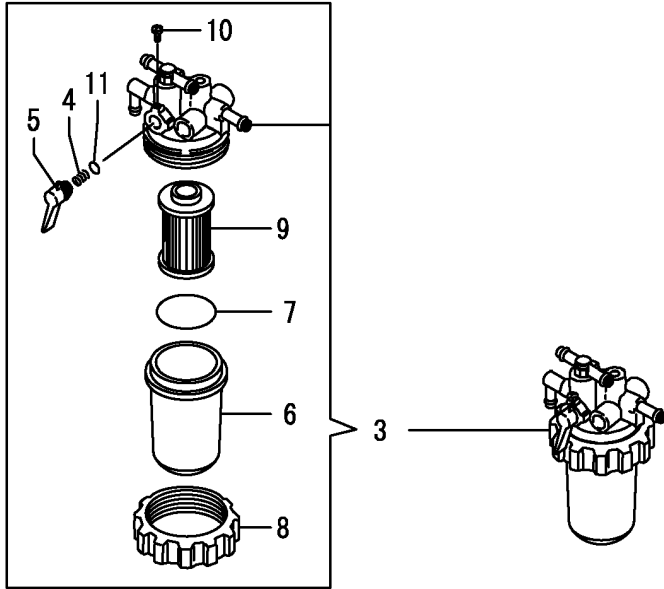
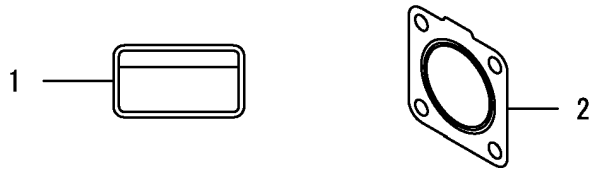
T224



NOTE



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NOTE

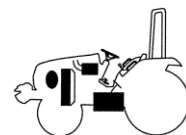
FIG 201

AIR CLEANER

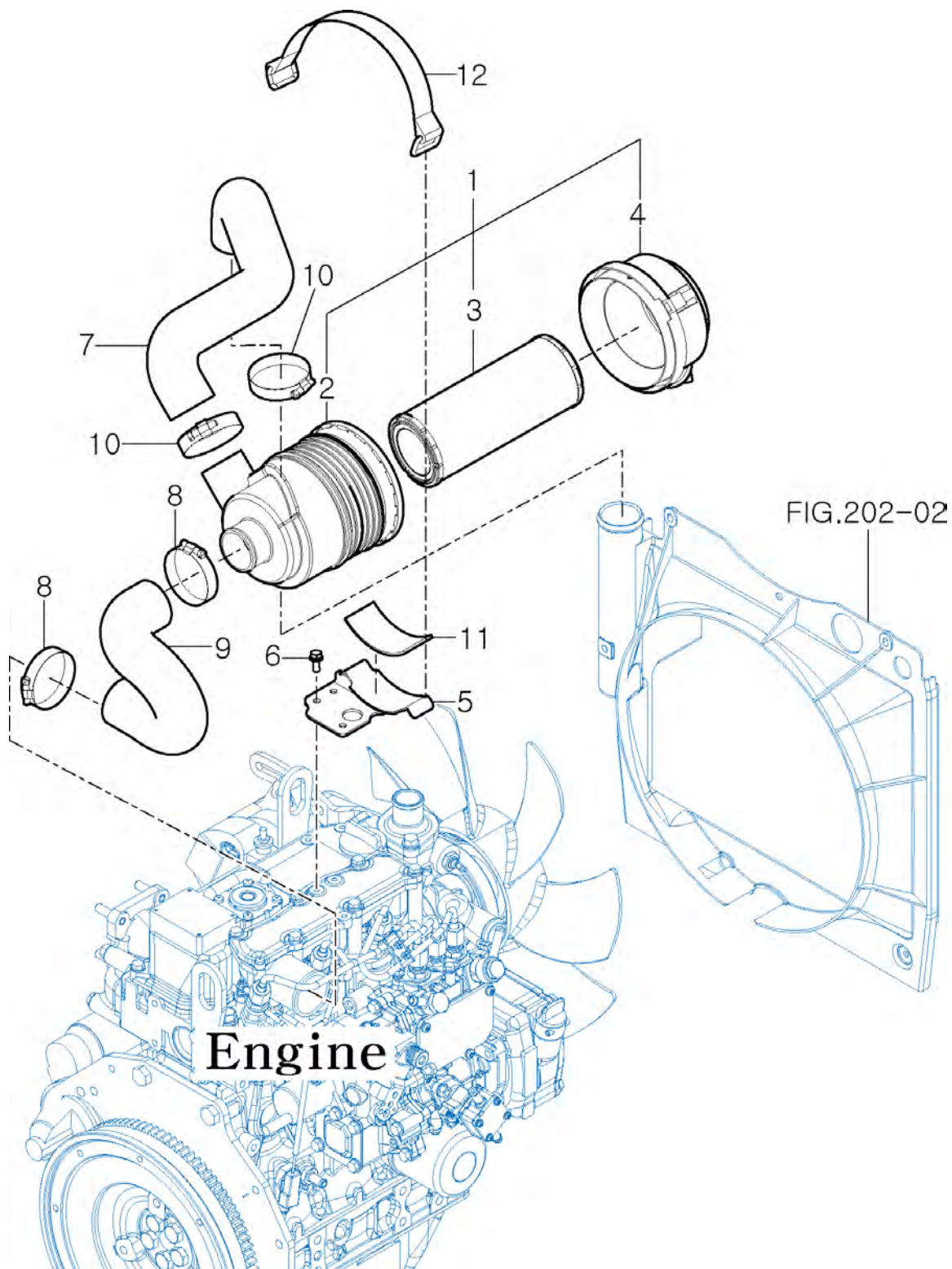
P1

YEAR

2019



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NOTE

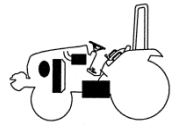
FIG 202

RADIATOR

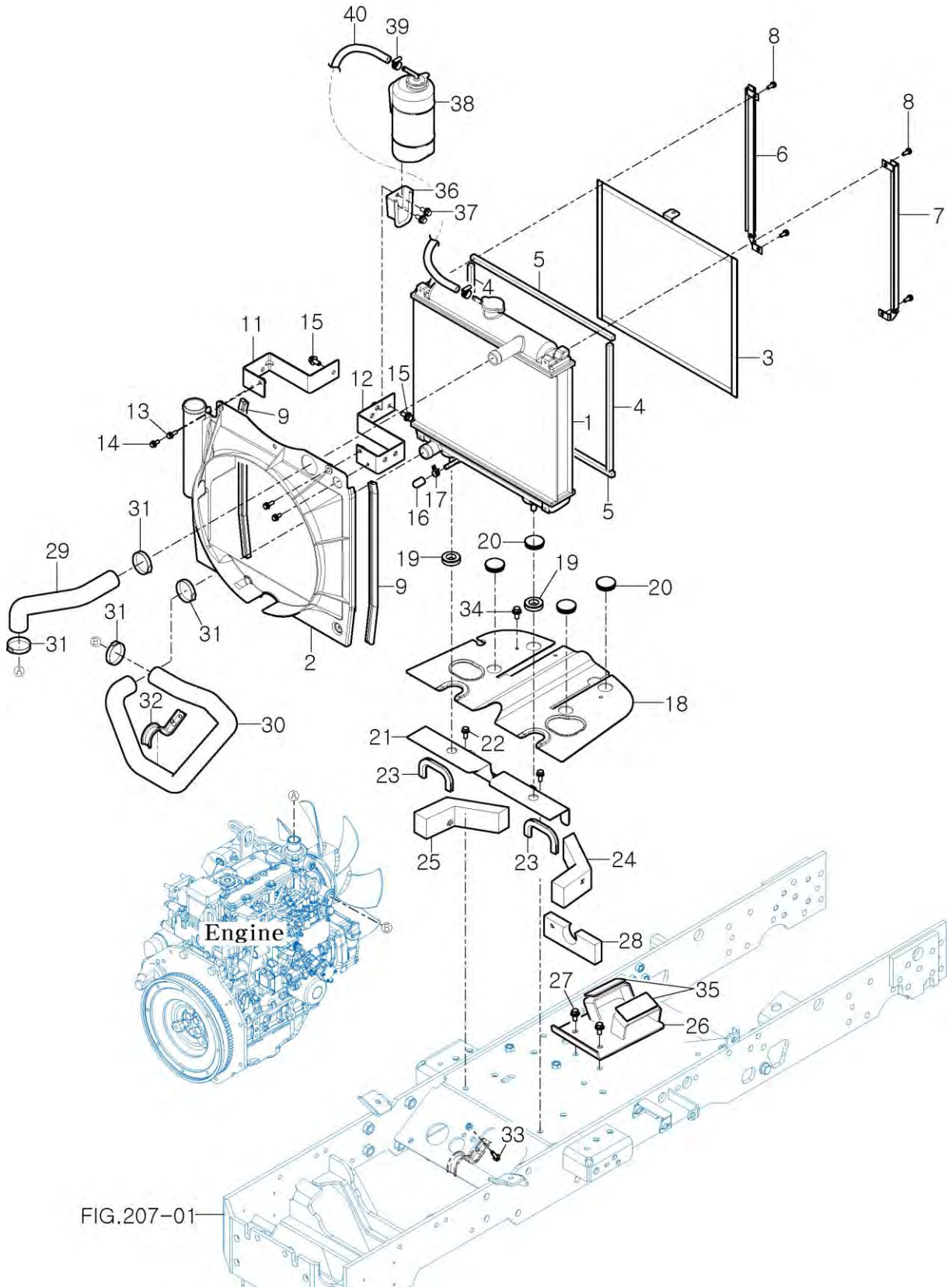
P1

YEAR

2019



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NOTE

FIG 203

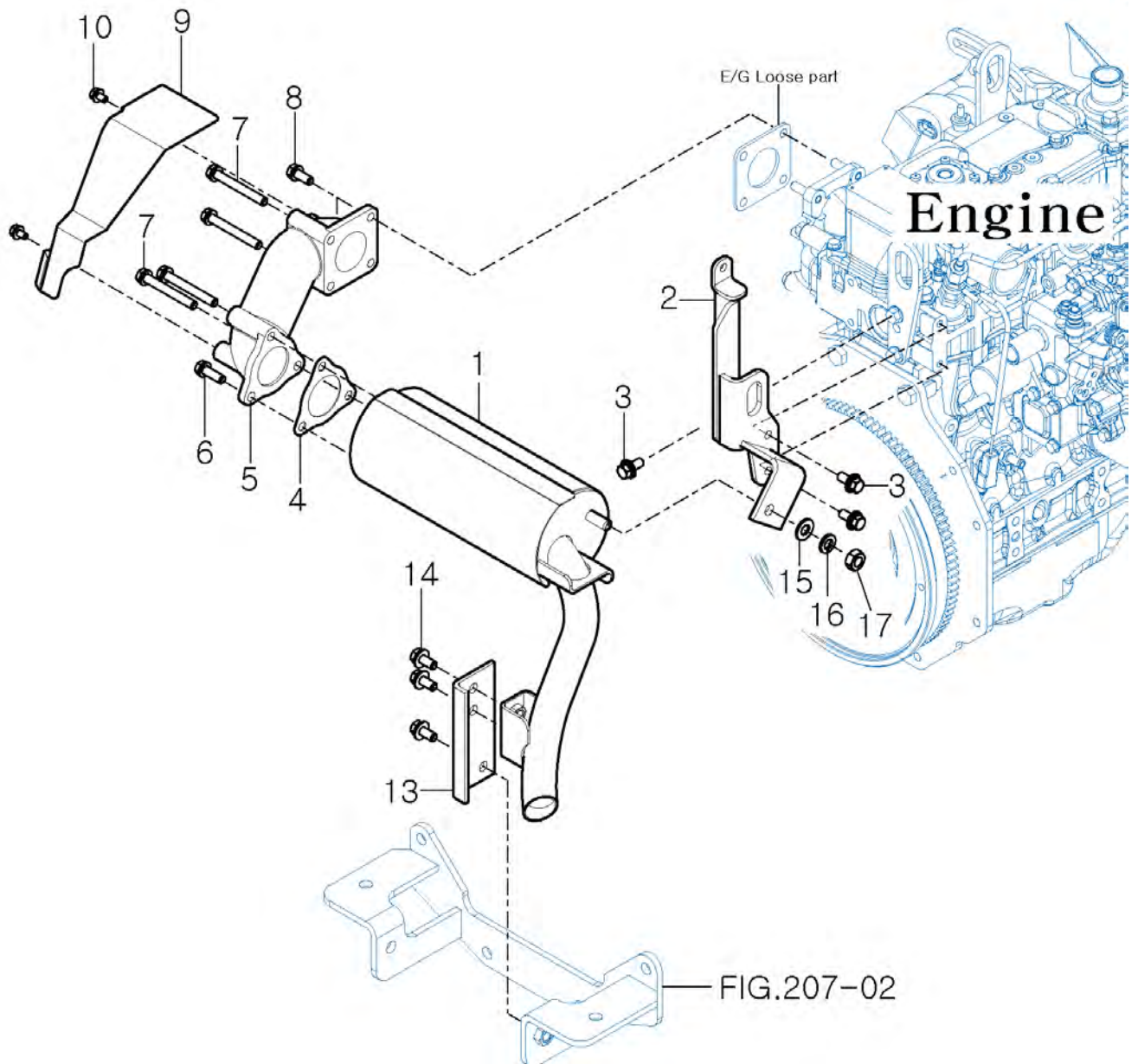
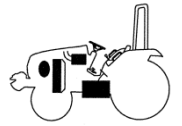
T224

MUFFLER

P1

YEAR

2019



NOTE

FIG 204

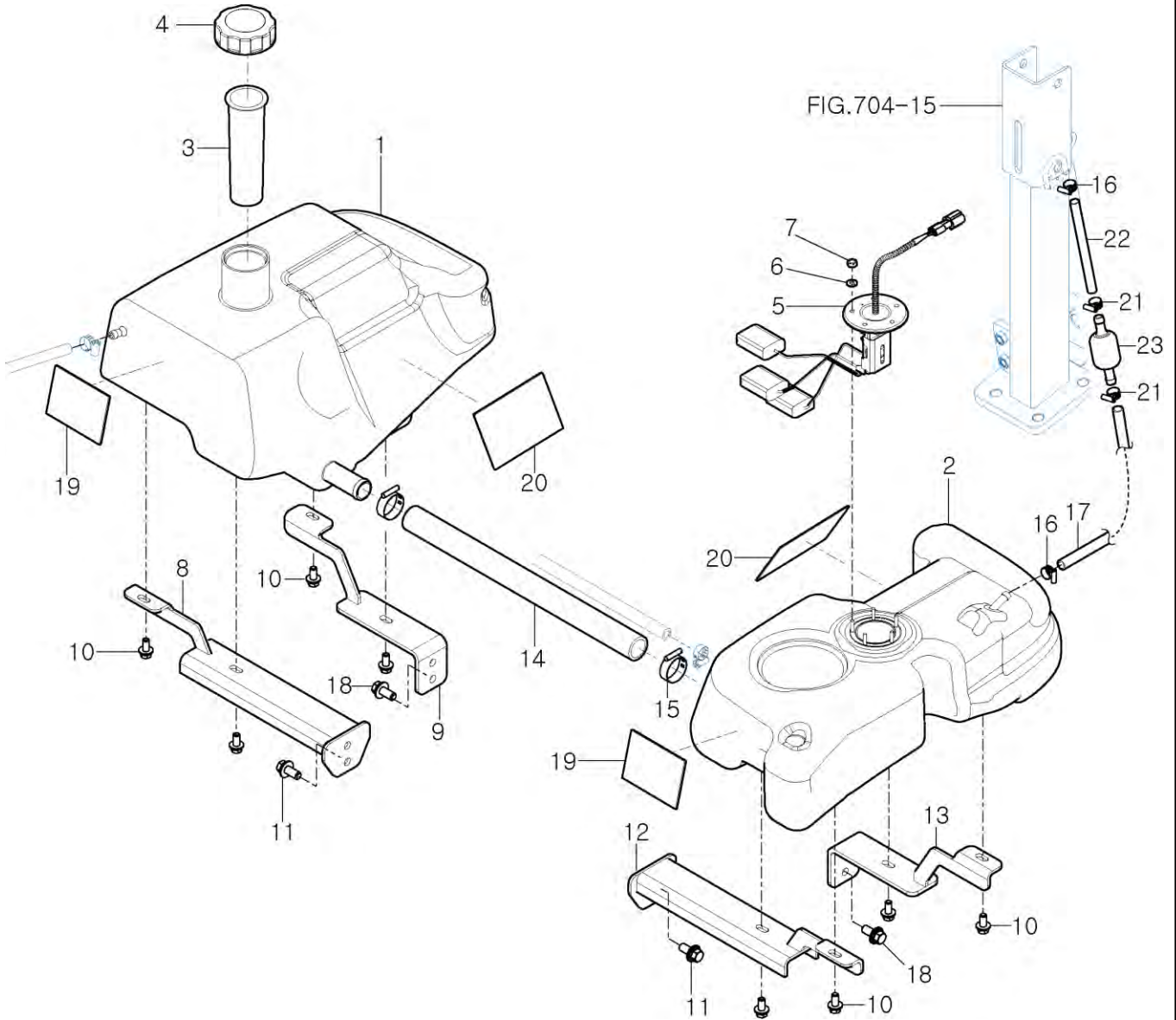
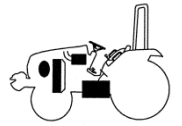
FUEL TANK & FUEL LINE

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P1

YEAR

2019



NOTE

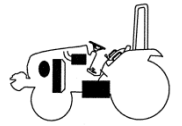
# FIG 205

# ACCELERATOR

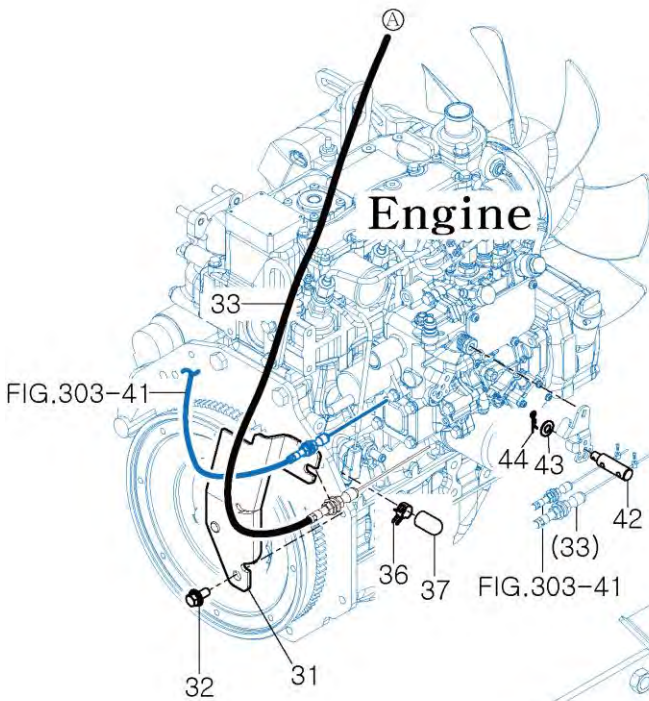
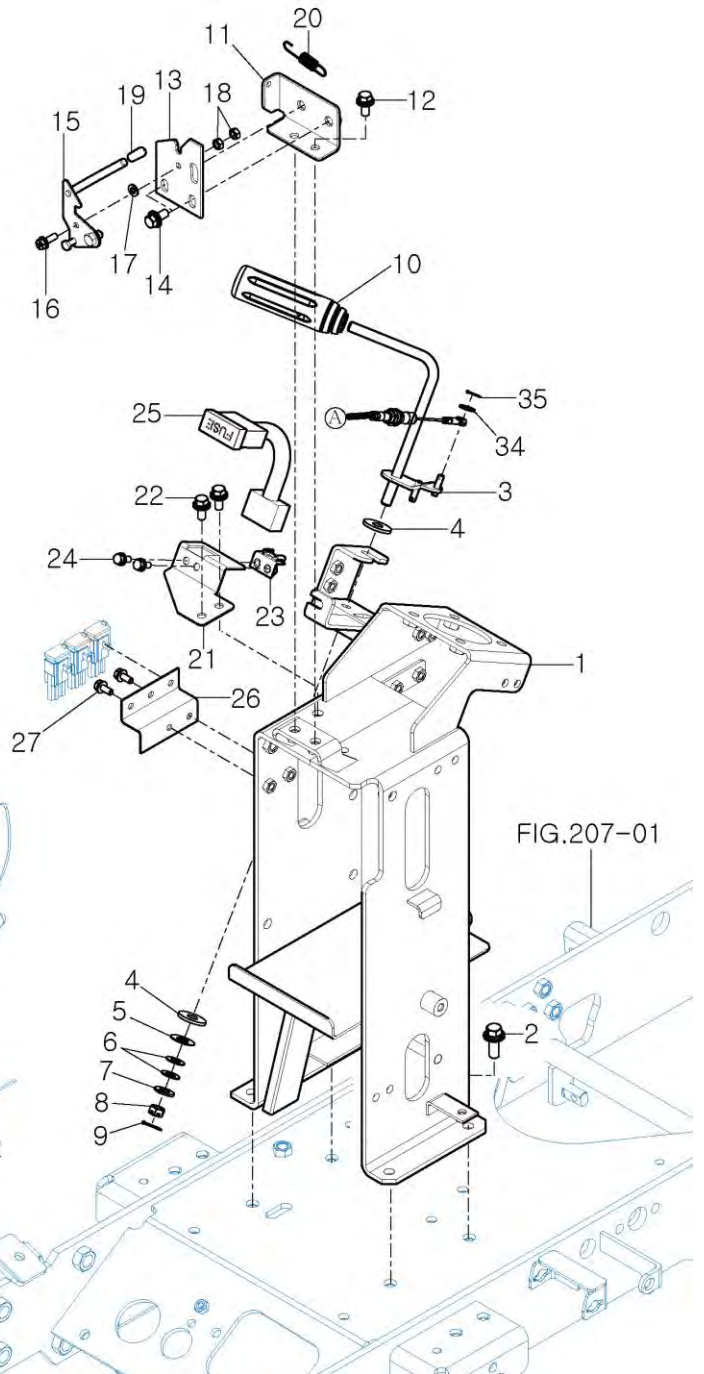
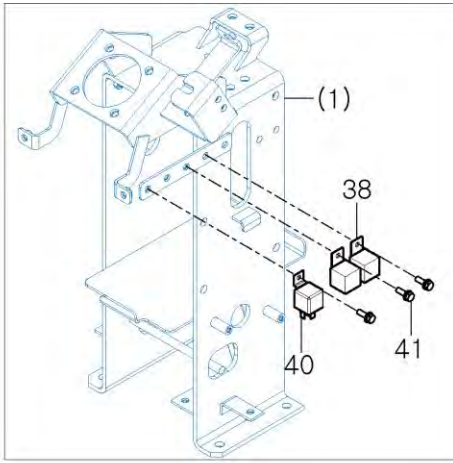
P2

YEAR

2019



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NOTE



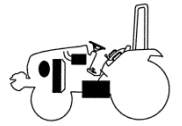
# FIG 206

# FUEL FILTER

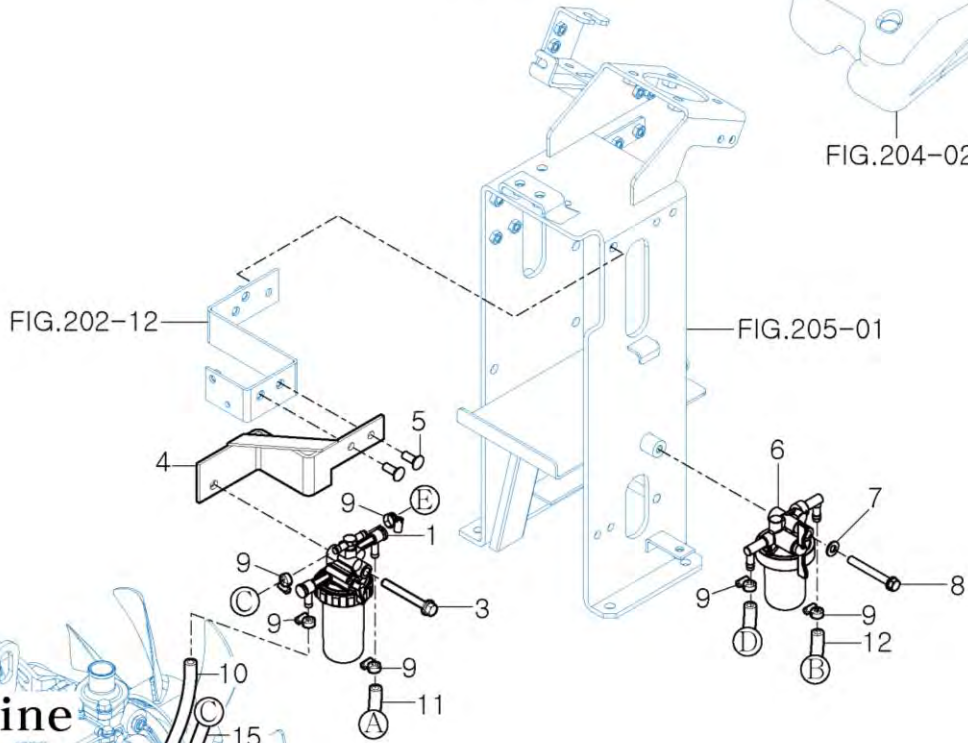
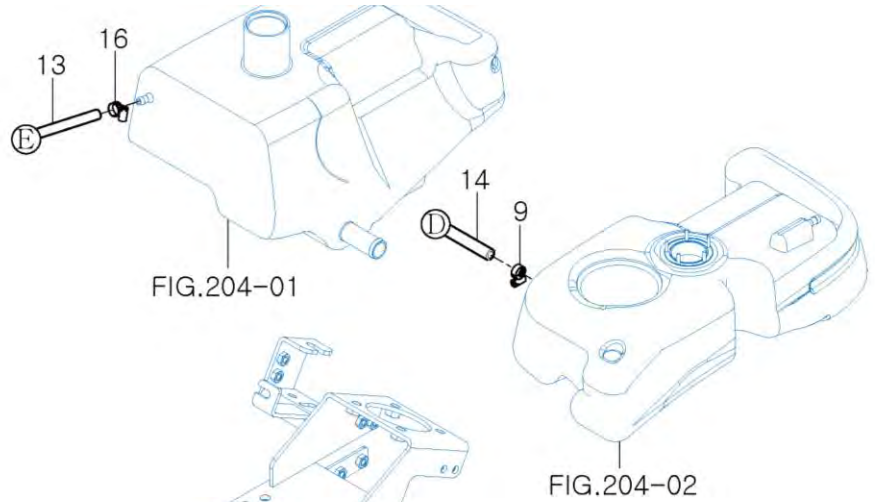
P1

YEAR

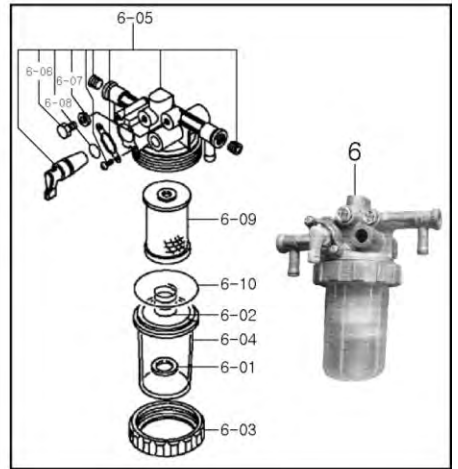
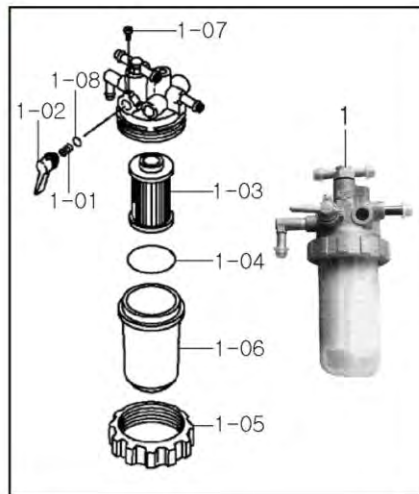
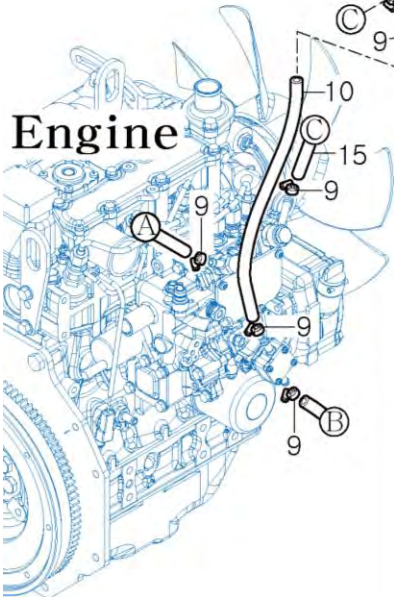
2019



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## Engine



NOTE

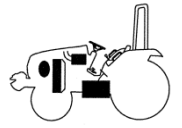
FIG 207

ENGINE MOUNTING

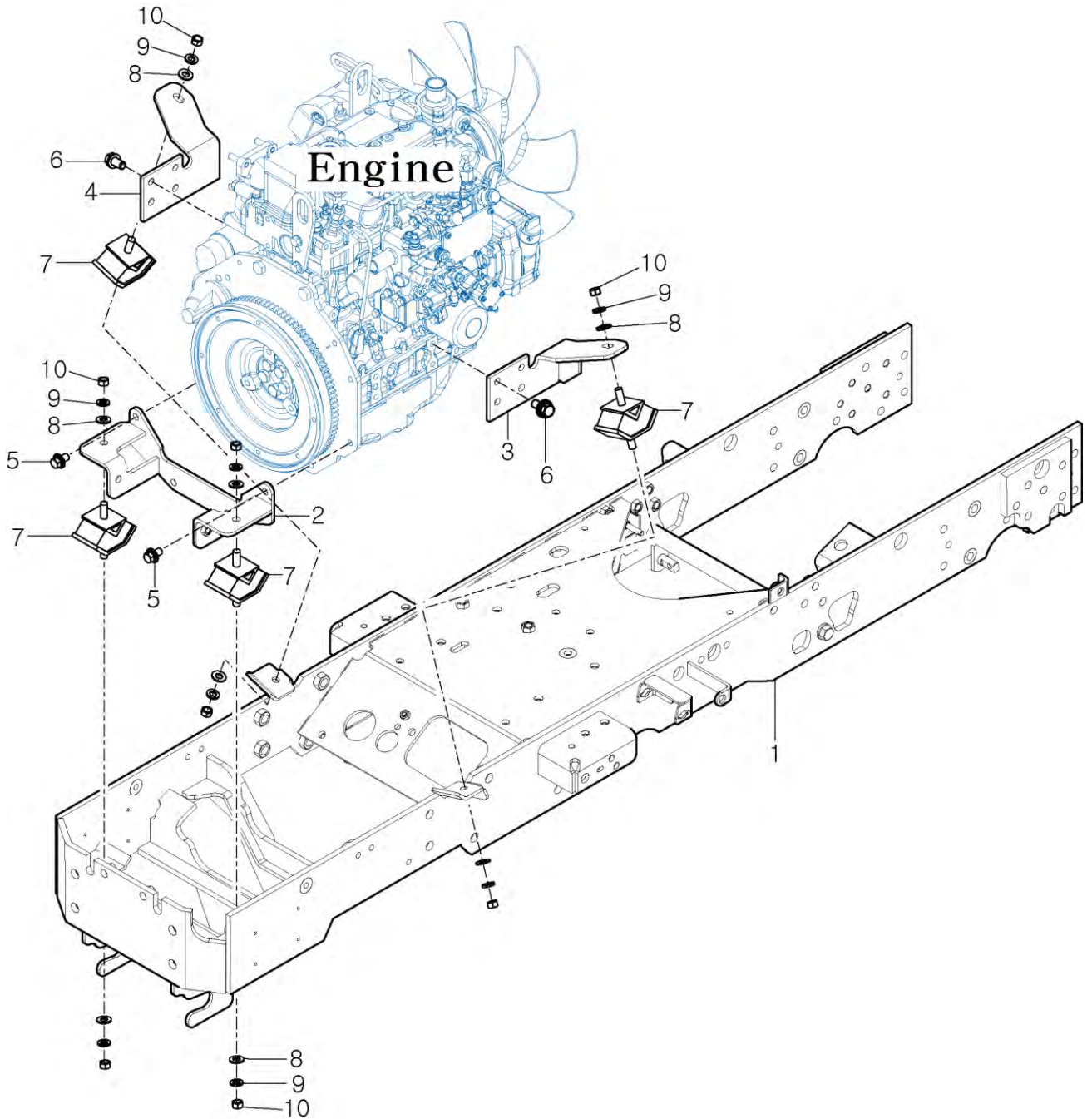
P1

YEAR

2019



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NOTE

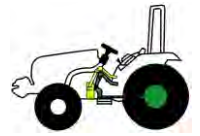
FIG 302

BRAKE PEDAL & LINKAGE

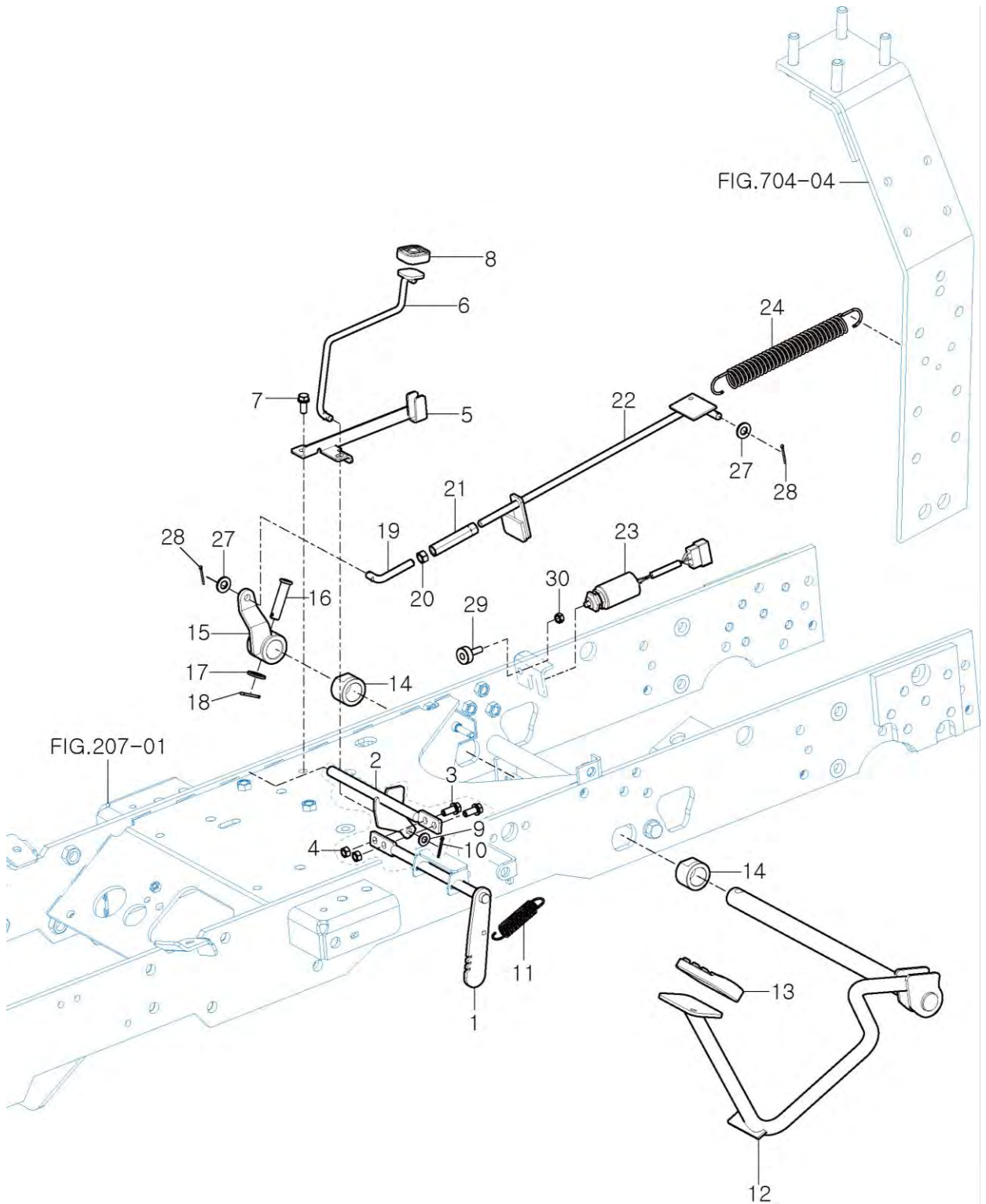
P1

YEAR

2019



T224



NOTE

# FIG 303

# SPEED CONTROL

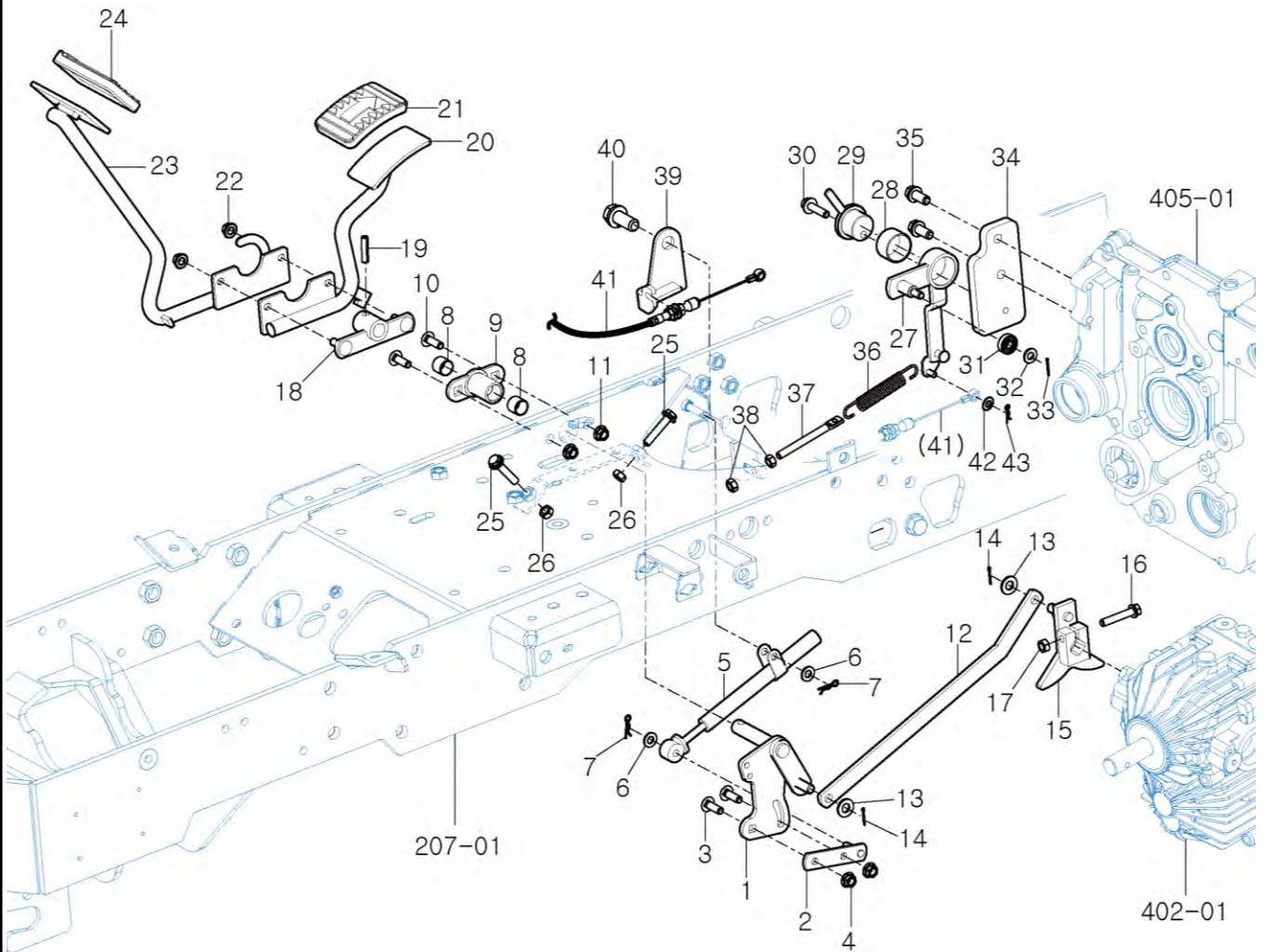
P1

YEAR

2019



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NOTE

FIG 304

DASH COVER

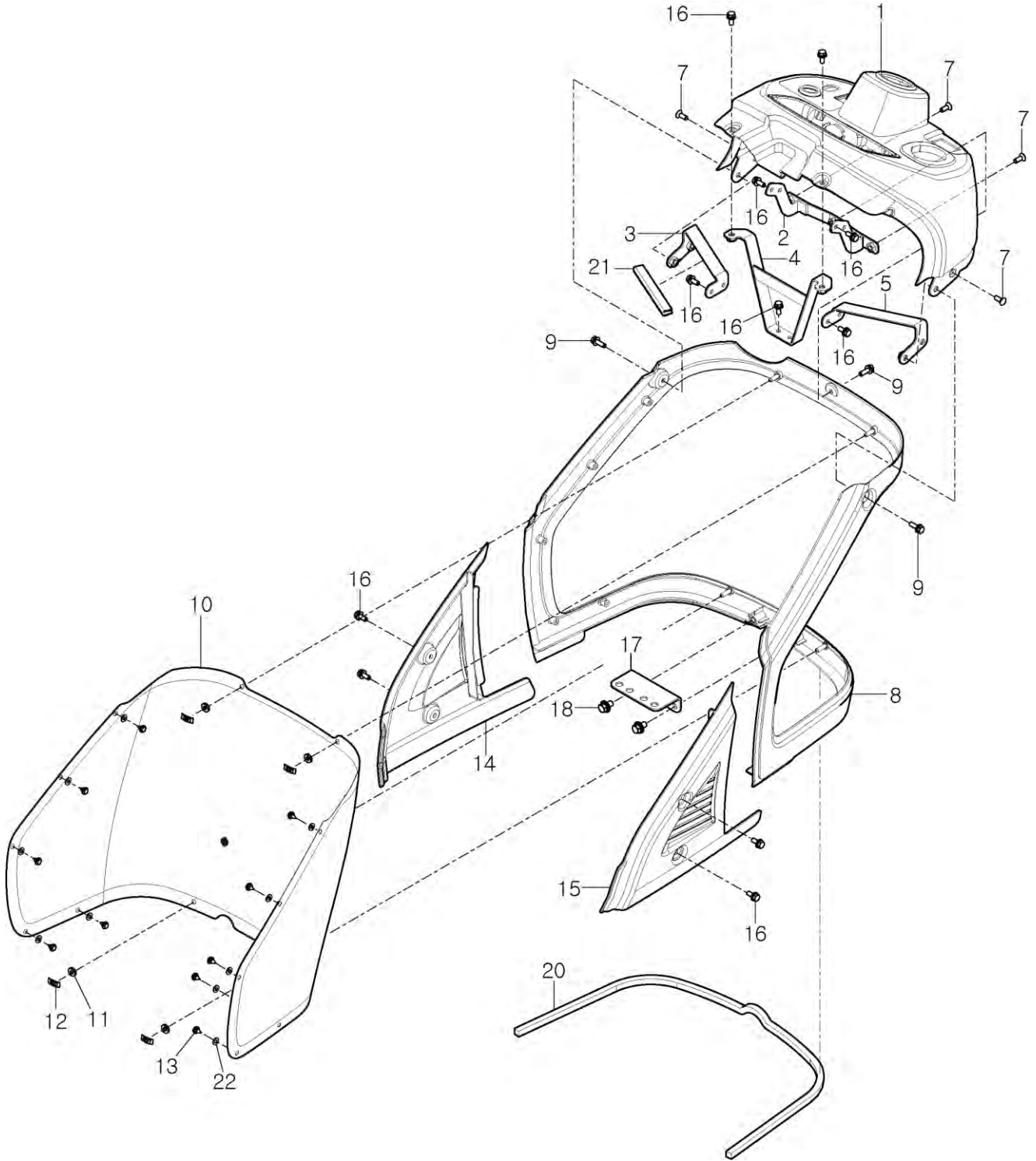
P1

YEAR

2019



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NOTE

FIG 305

STEERING VALVE

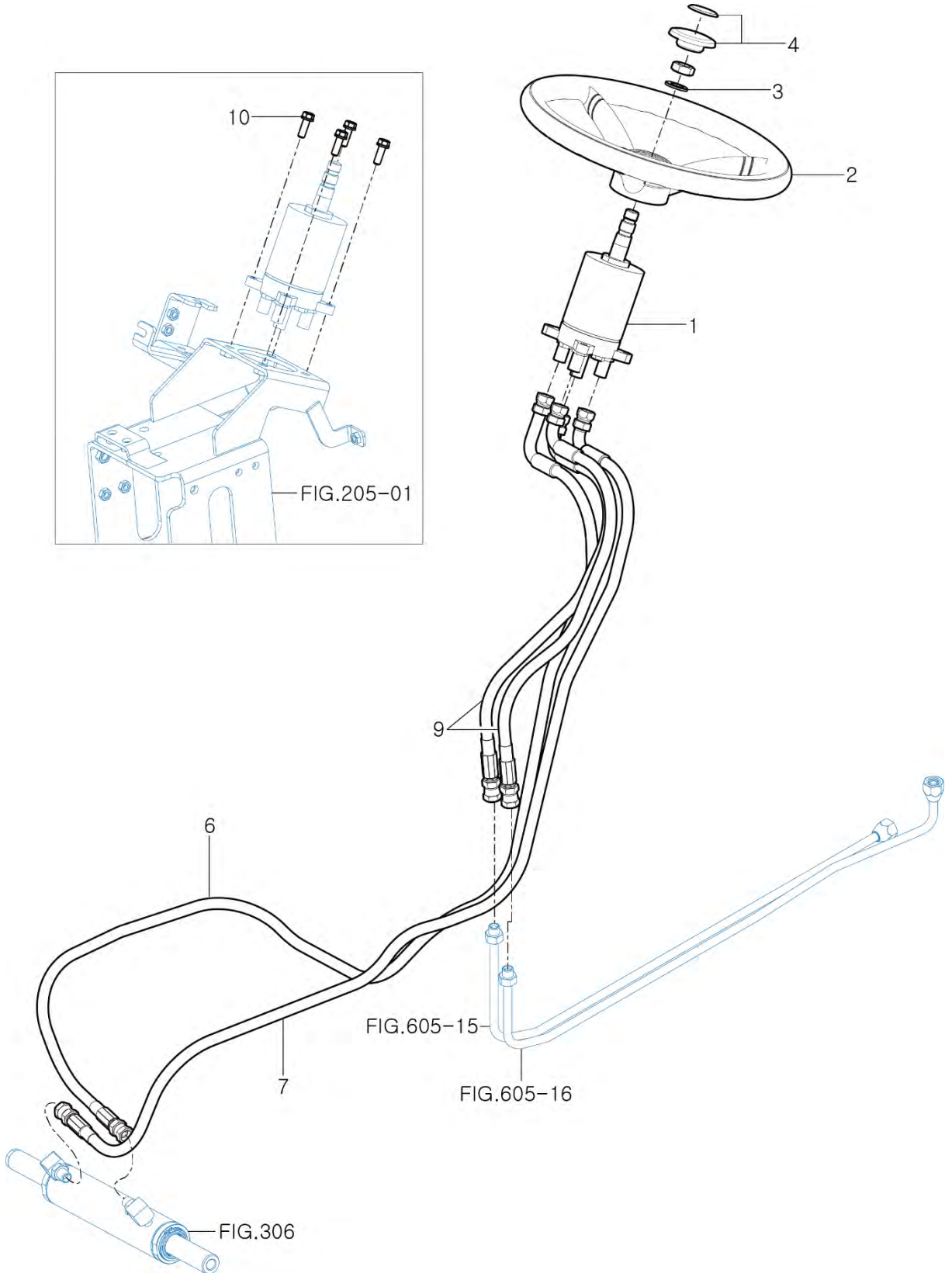
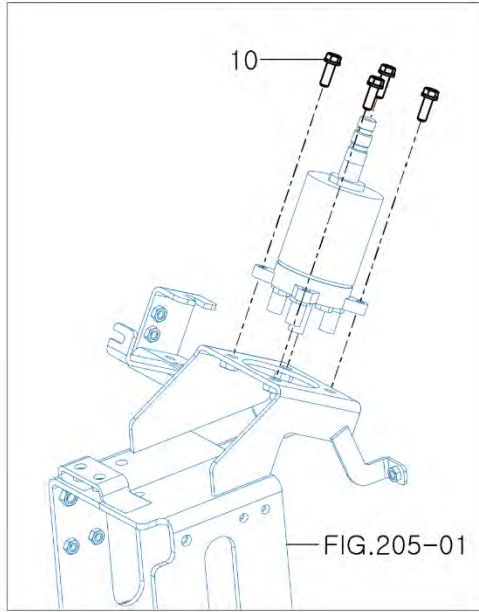
P1

YEAR

2019



T224



NOTE

FIG 306

STEERING CYLINDER

P1

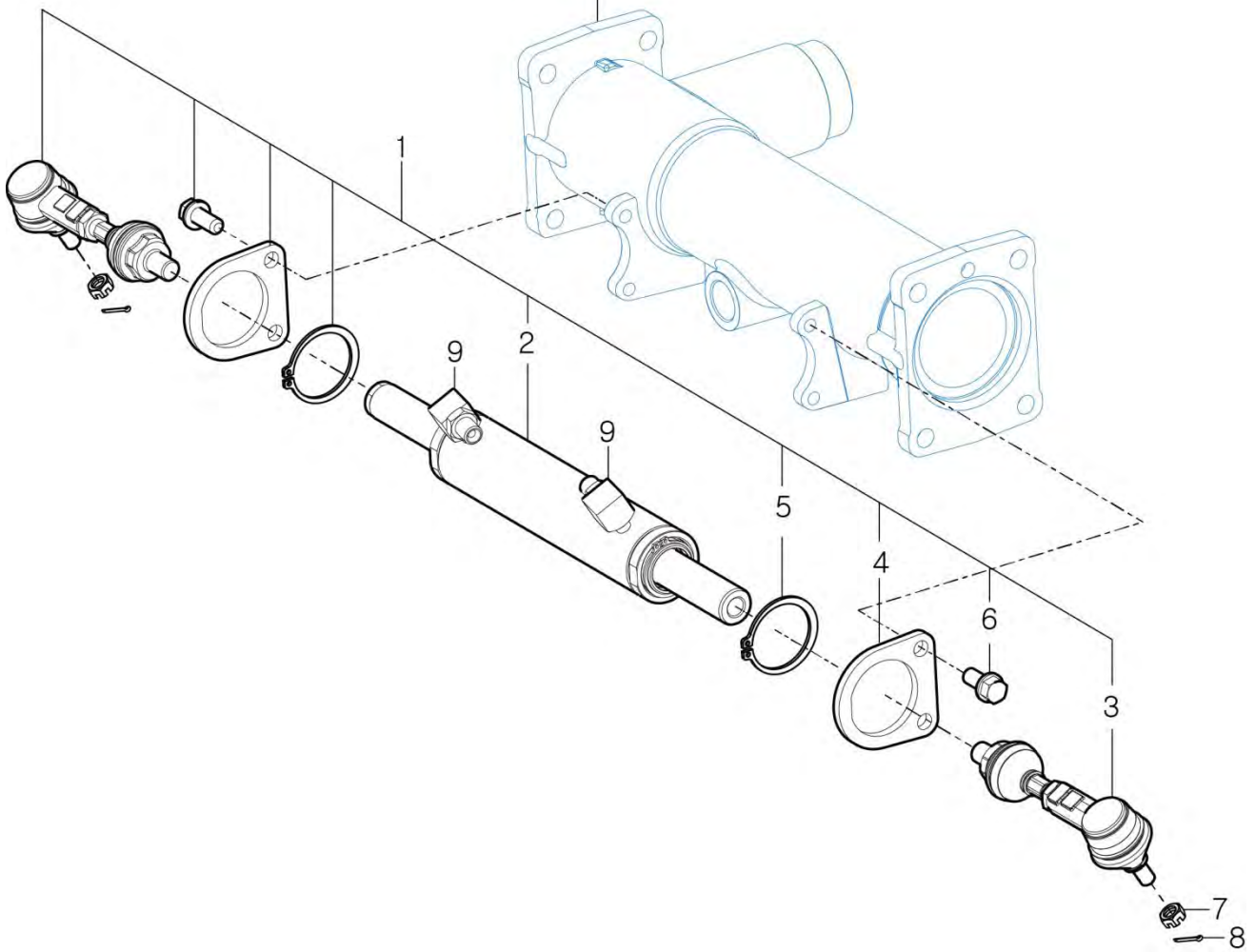
YEAR

2019



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FIG.504-01



NOTE

FIG 307A

TIRE

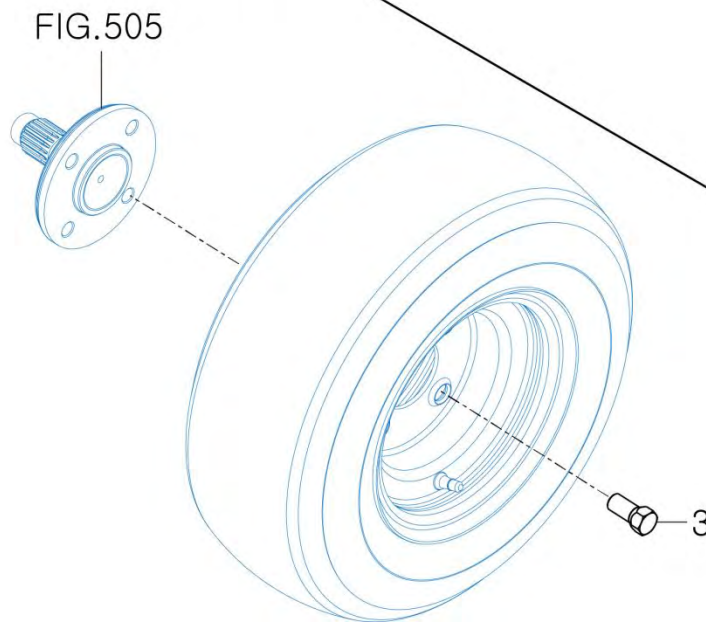
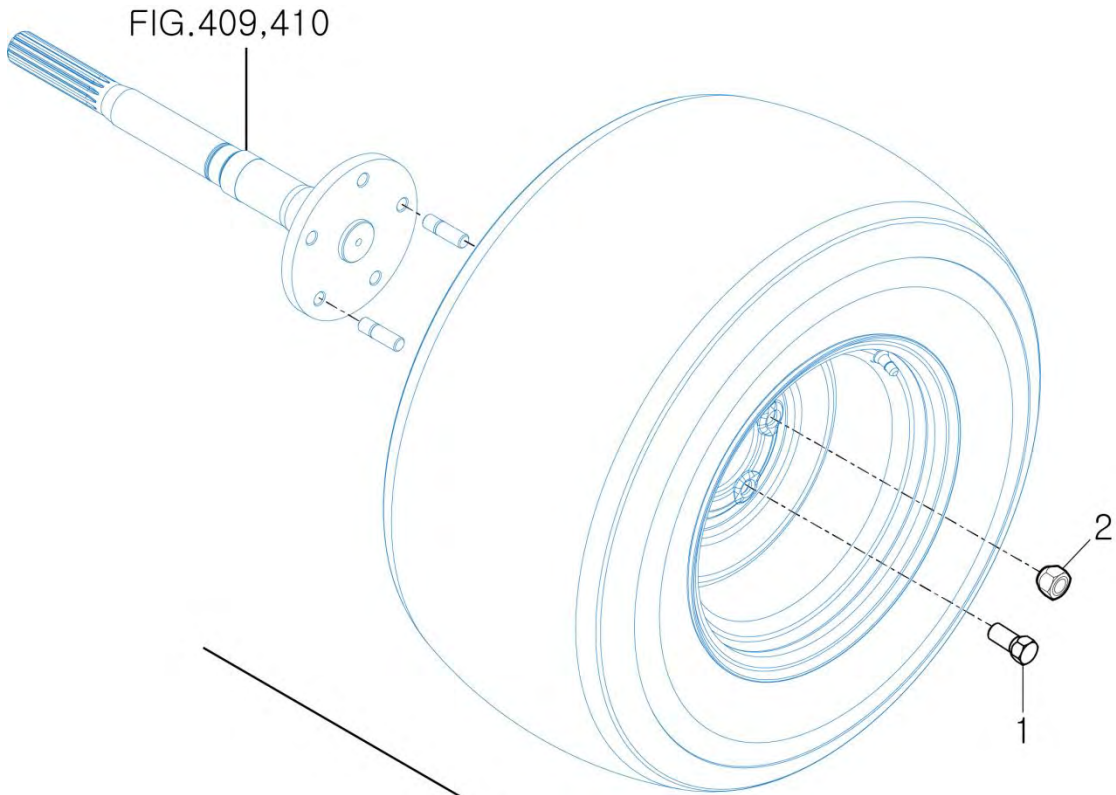
P1

YEAR

2019



T224



NOTE



FIG 307B

TIRE(R3)

P1

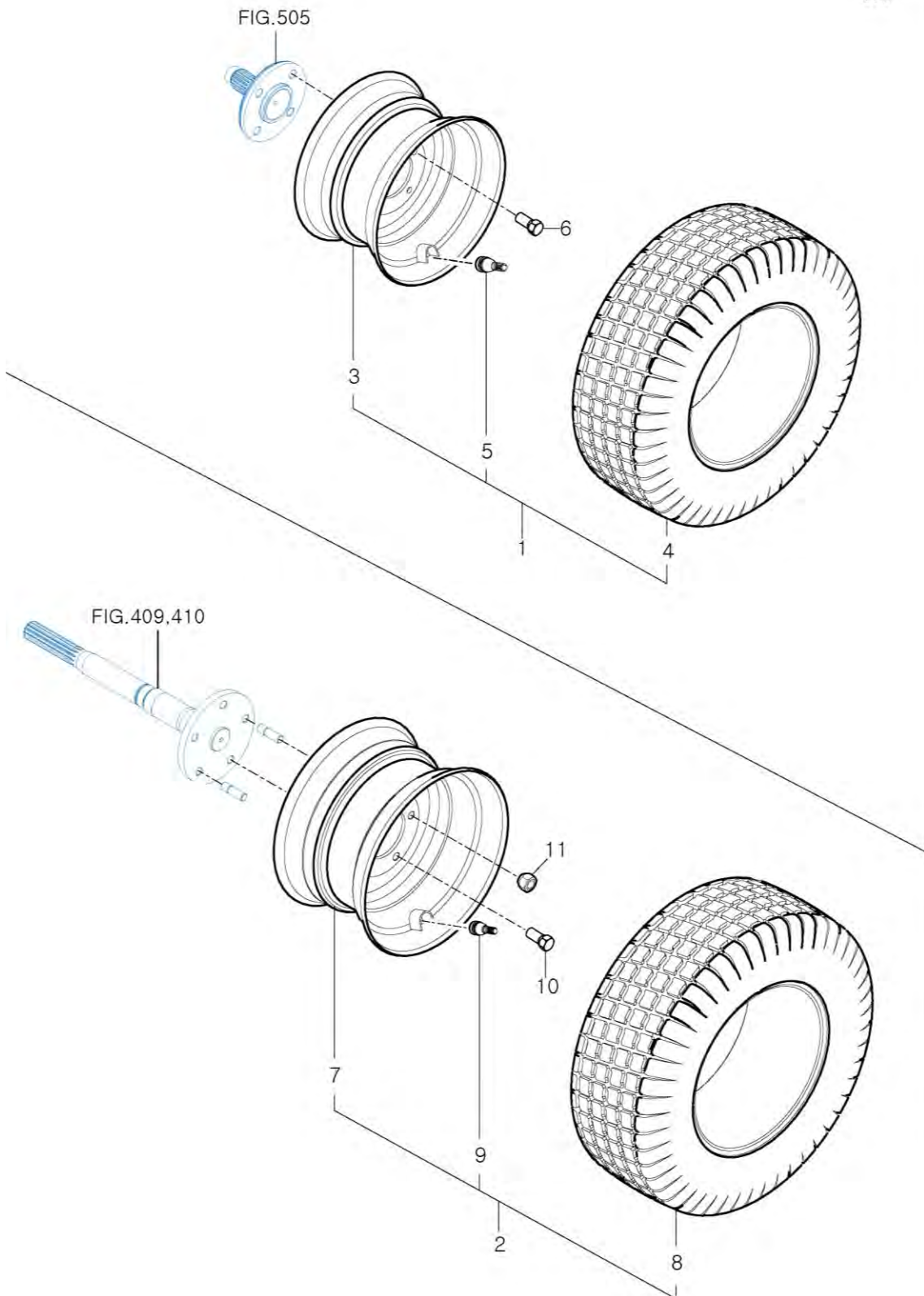
YEAR

2019



T224

R3



NOTE

FIG 307C

TIRE(R4)

P1

YEAR

2019



T224

R4

FIG.505

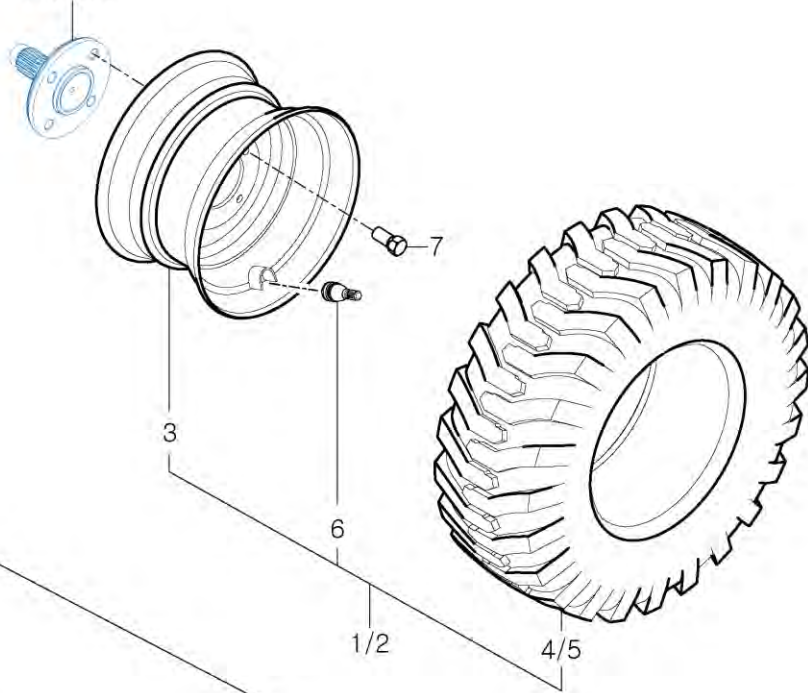
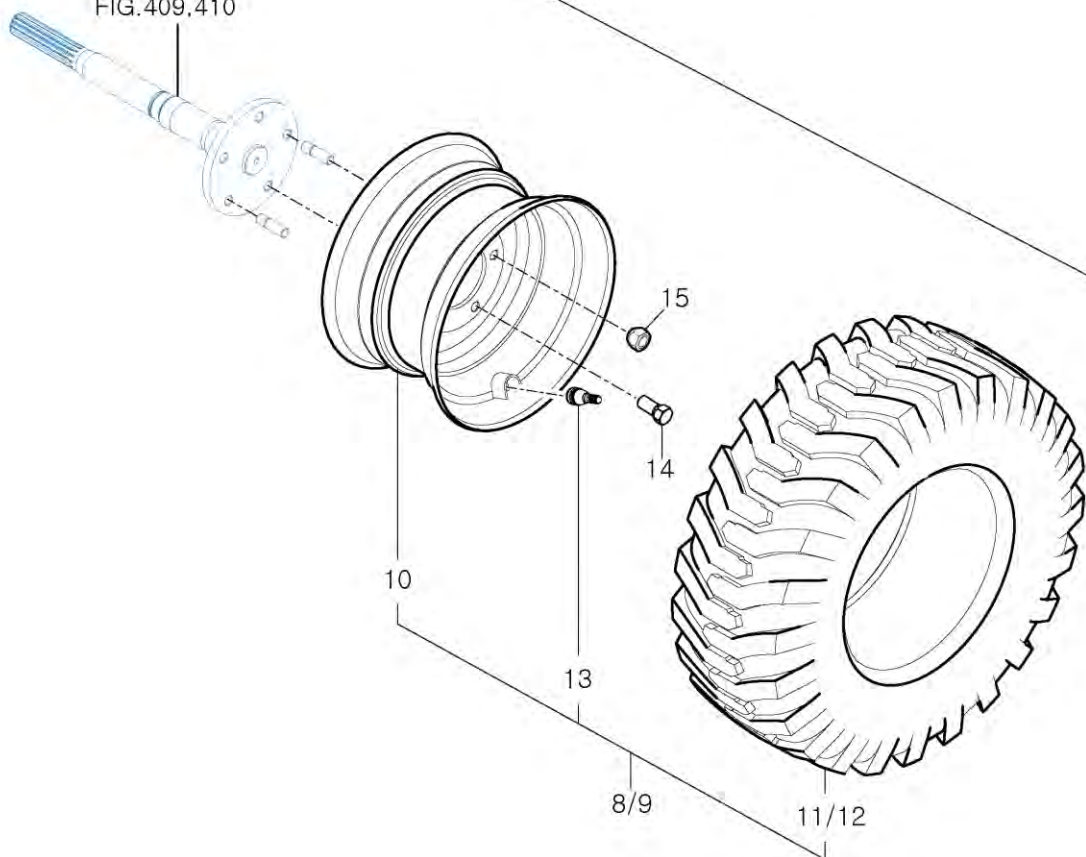


FIG. 409, 410



NOTE

**FIG 401**

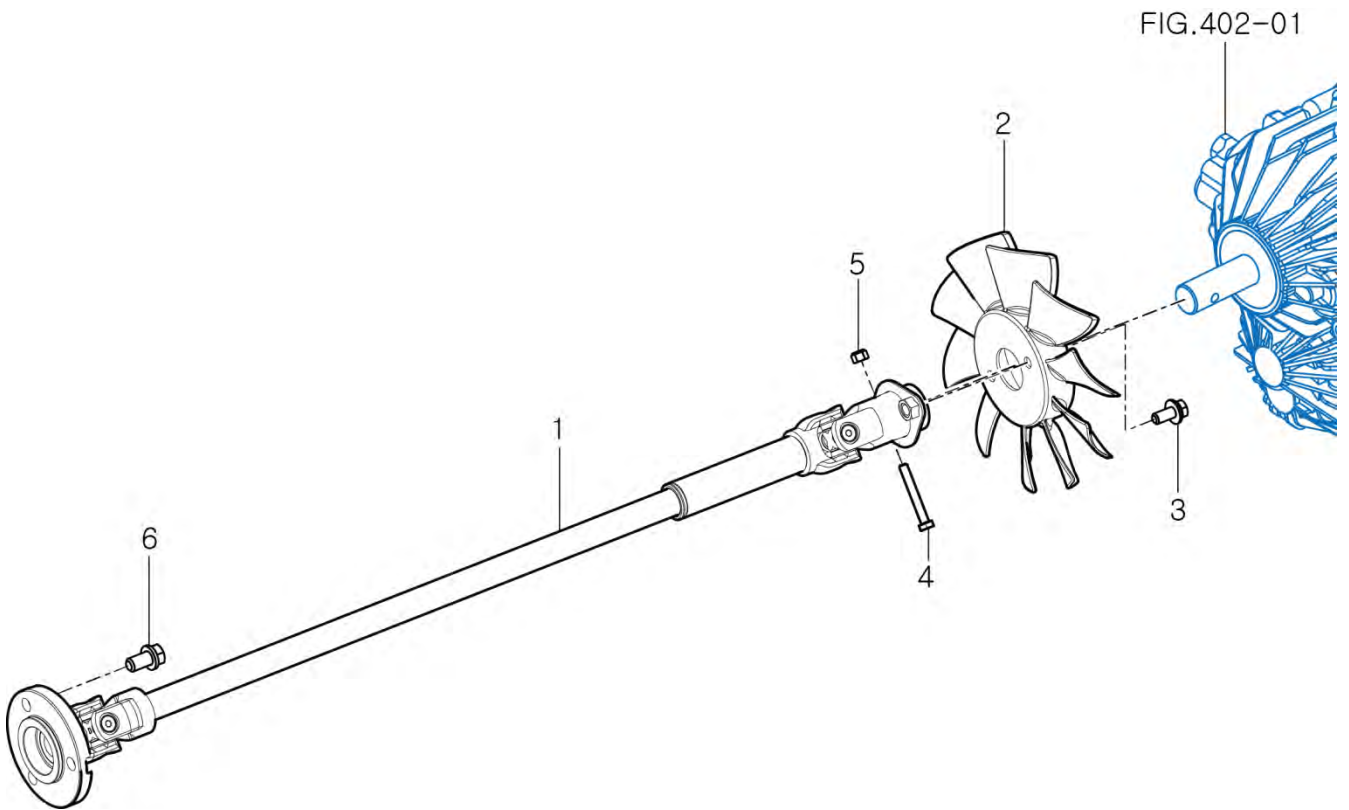
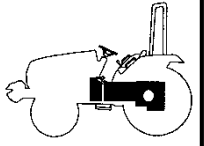
T224

**INPUT SHAFT**

P1

YEAR

2019



NOTE

FIG 402

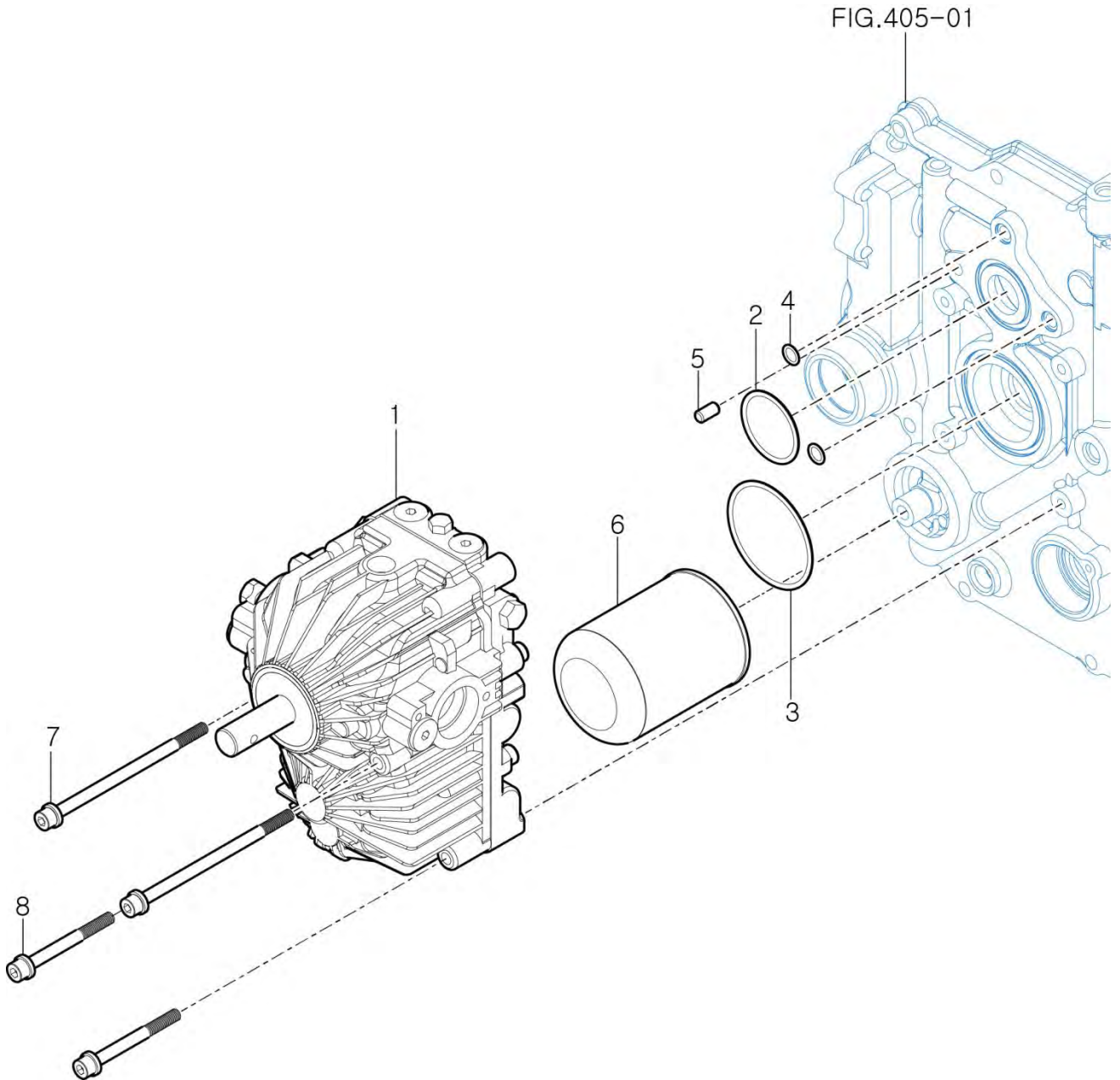
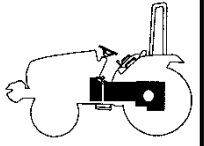
T224

HST

P1

YEAR

2019



NOTE

**FIG 403**

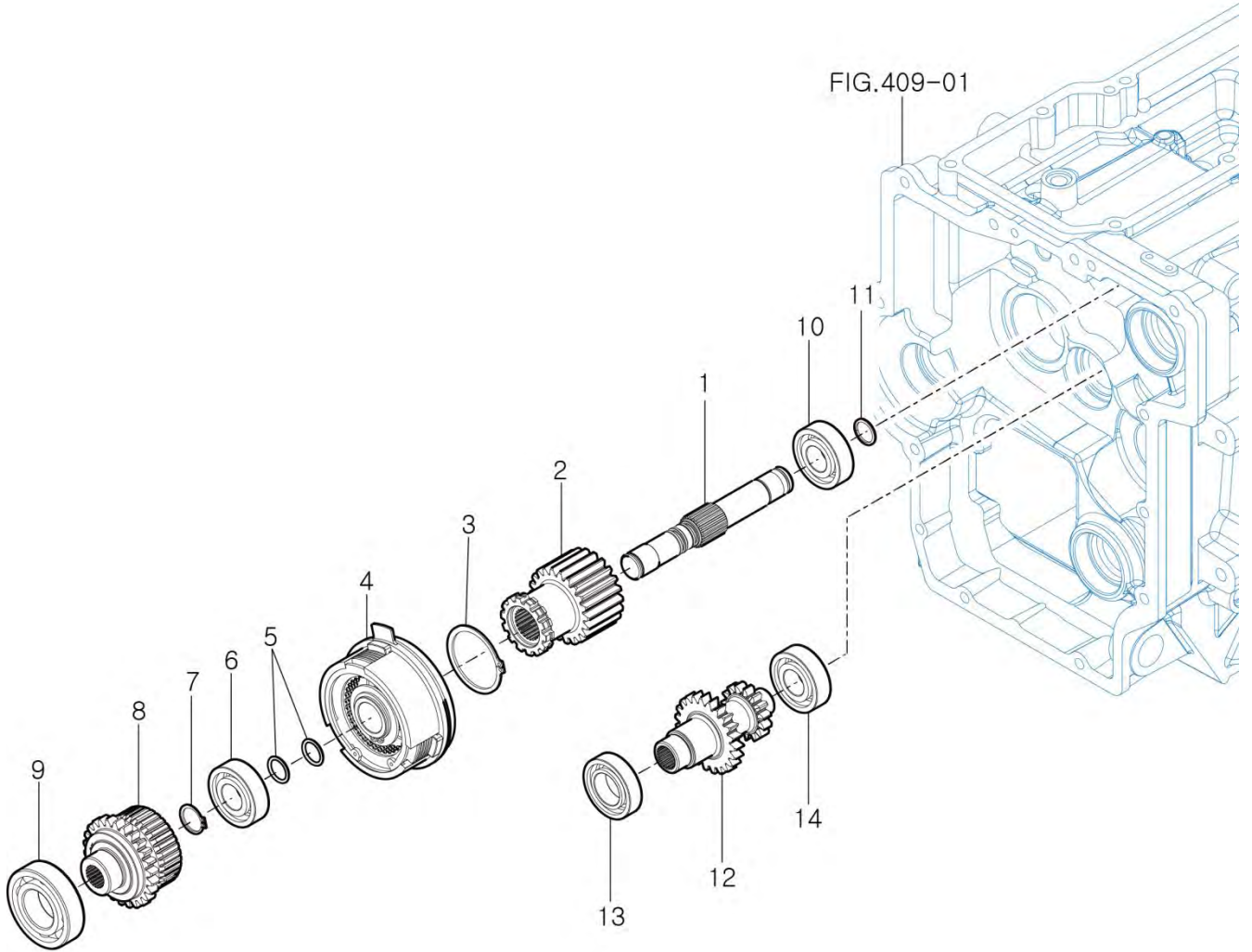
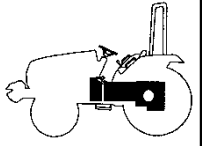
T224

**PTO CLUTCH SUB& RANGE  
GEAR SUB**

P1

YEAR

2019



NOTE

# FIG 404

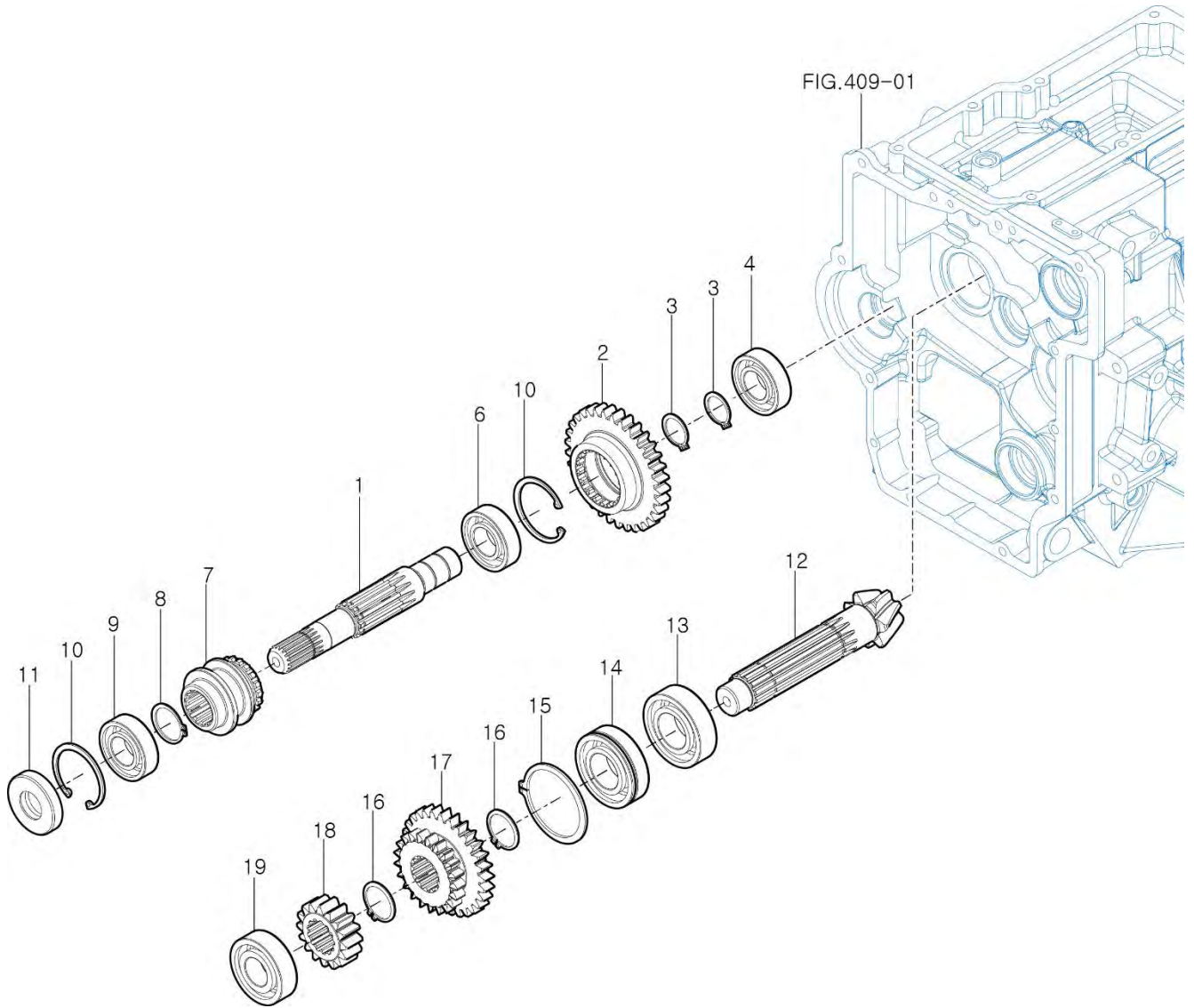
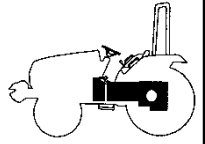
T224

## SPIRAL BEVEL PINION & 4WD SHAFT SUB

P1

YEAR

2019



NOTE

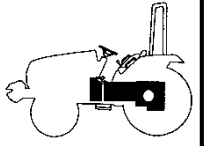
# FIG 405

# INPUT METAL

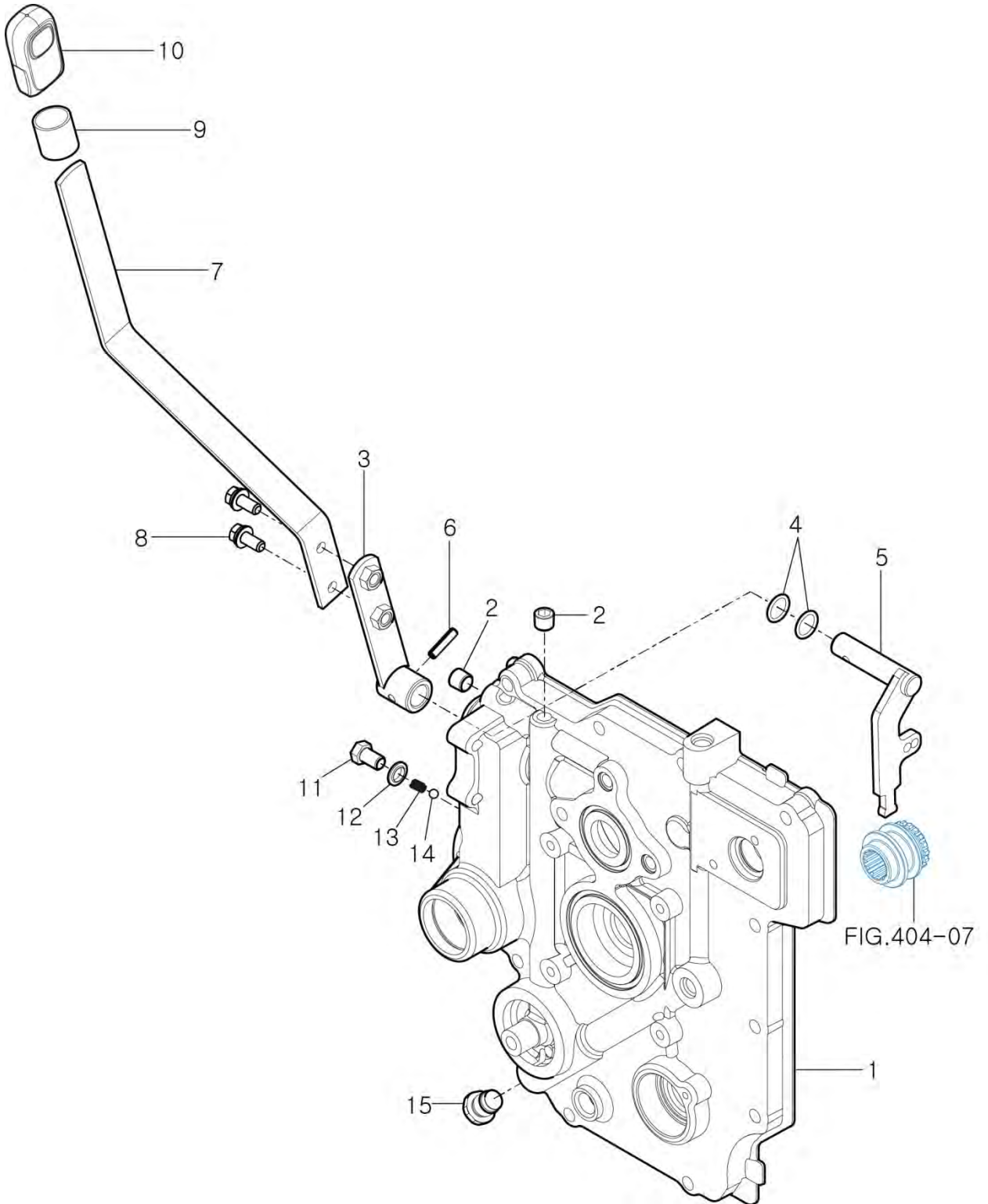
P1

YEAR

2019



T224



NOTE

# FIG 406

T224

## P.T.O COUNT SHAFT SUB & REAR P.T.O SUB

P1

YEAR

2019

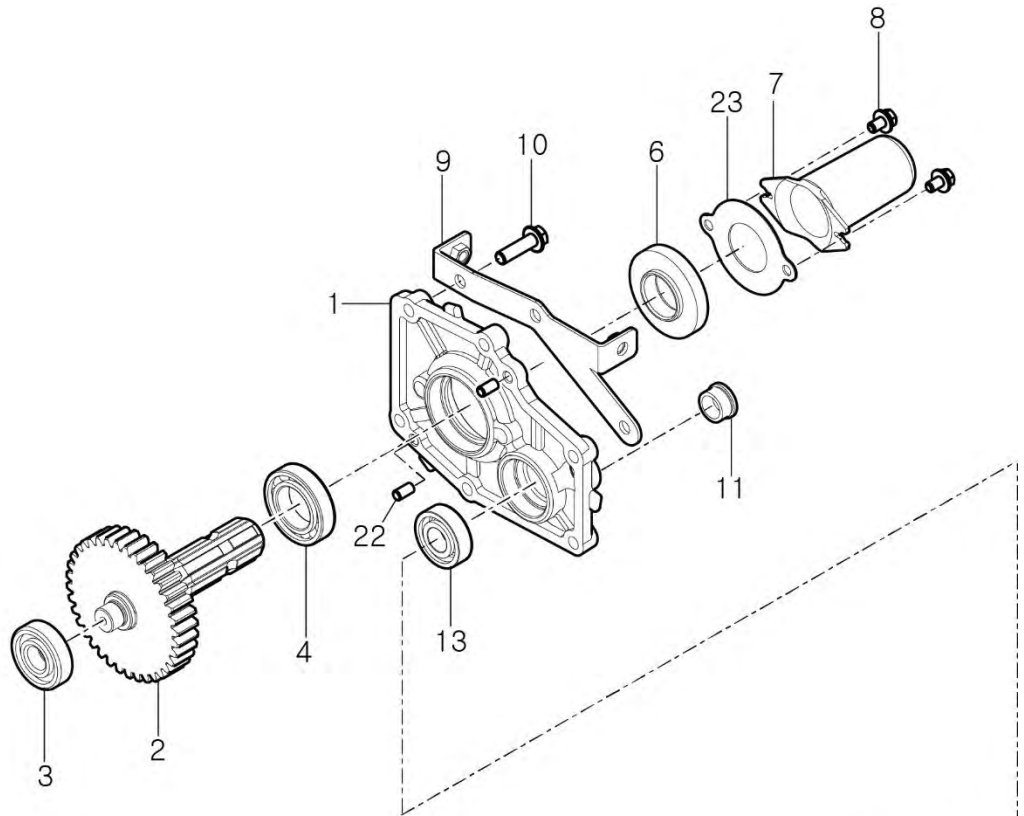
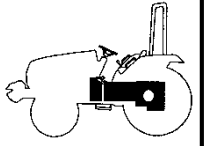
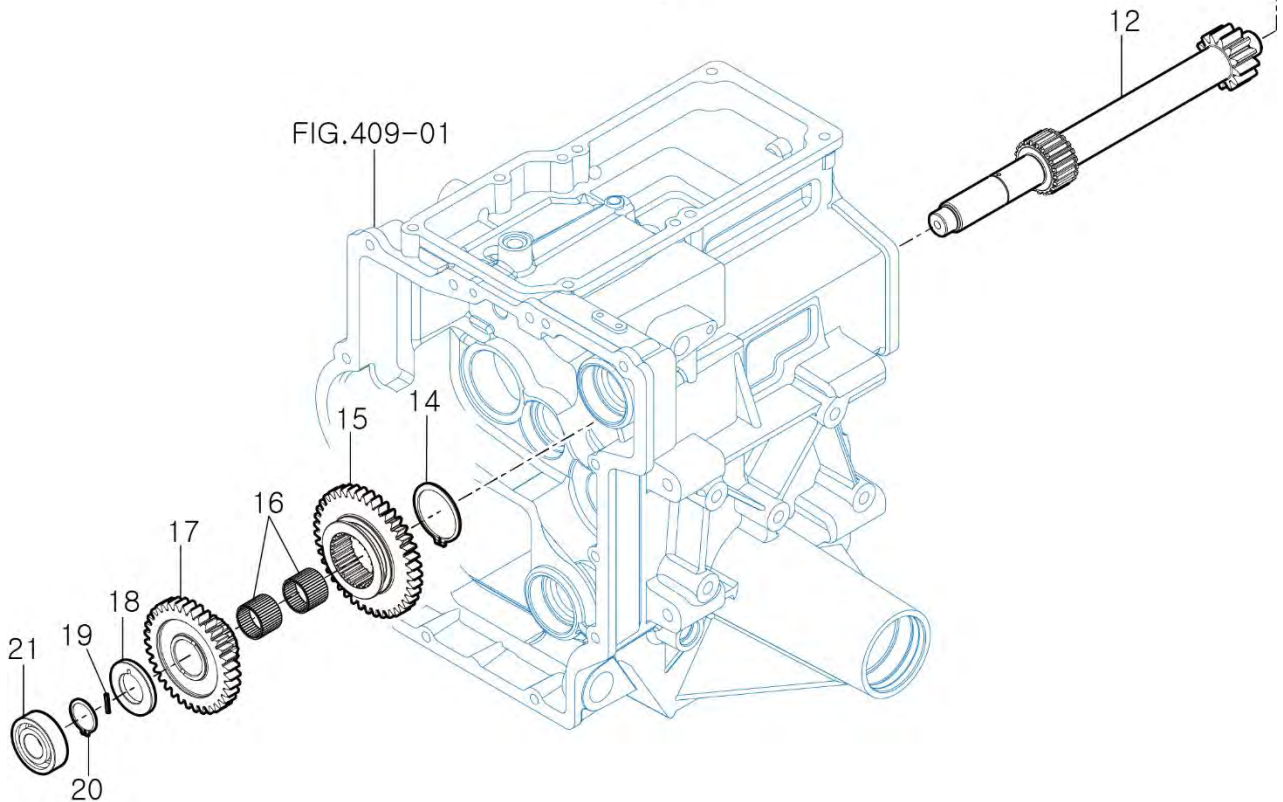


FIG.409-01



NOTE



FIG 407

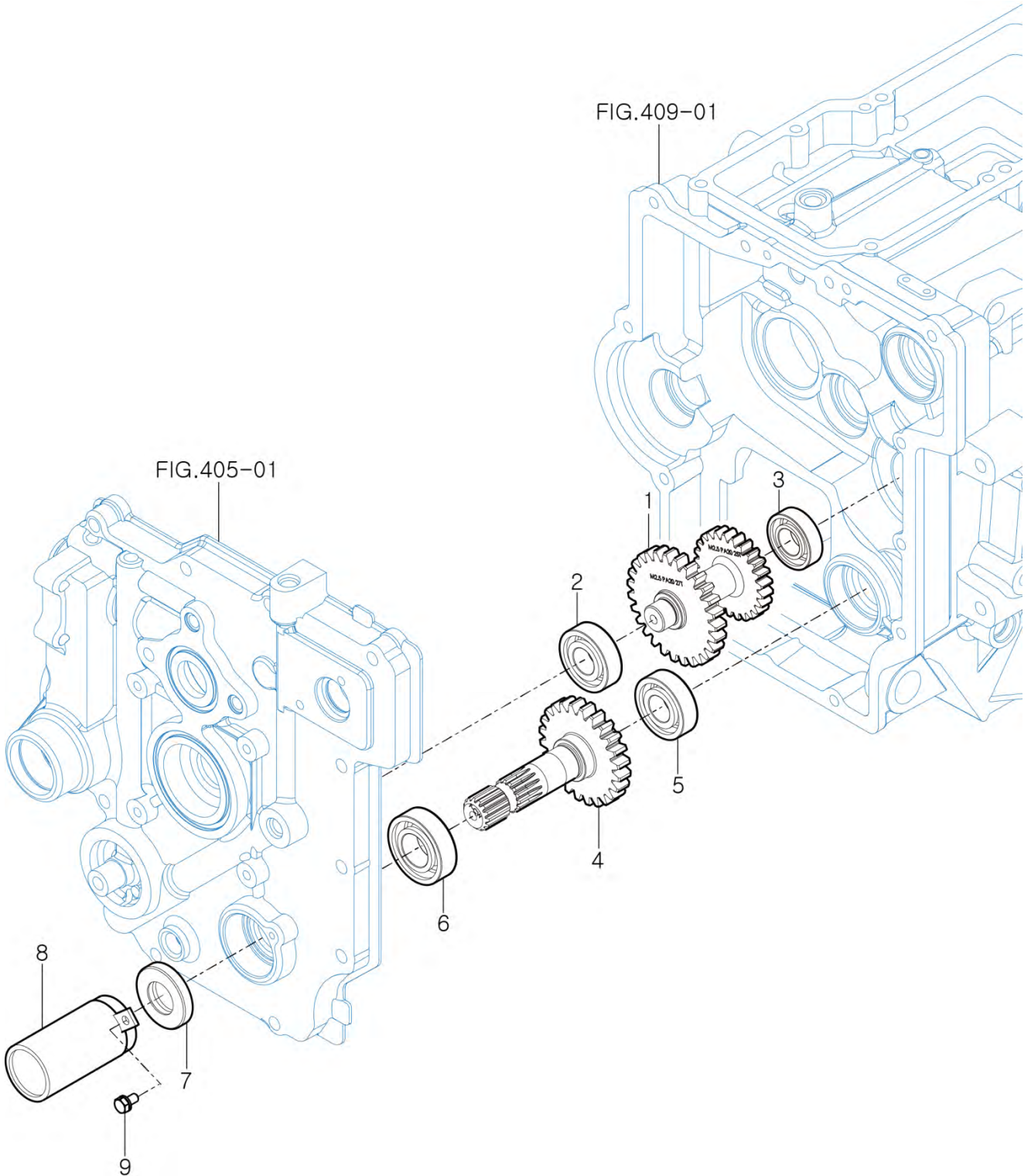
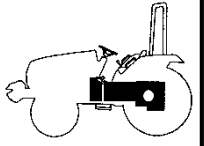
T224

MID P.T.O IDLE GEAR & MID P.T.O SUB

P1

YEAR

2019



NOTE

# FIG 408

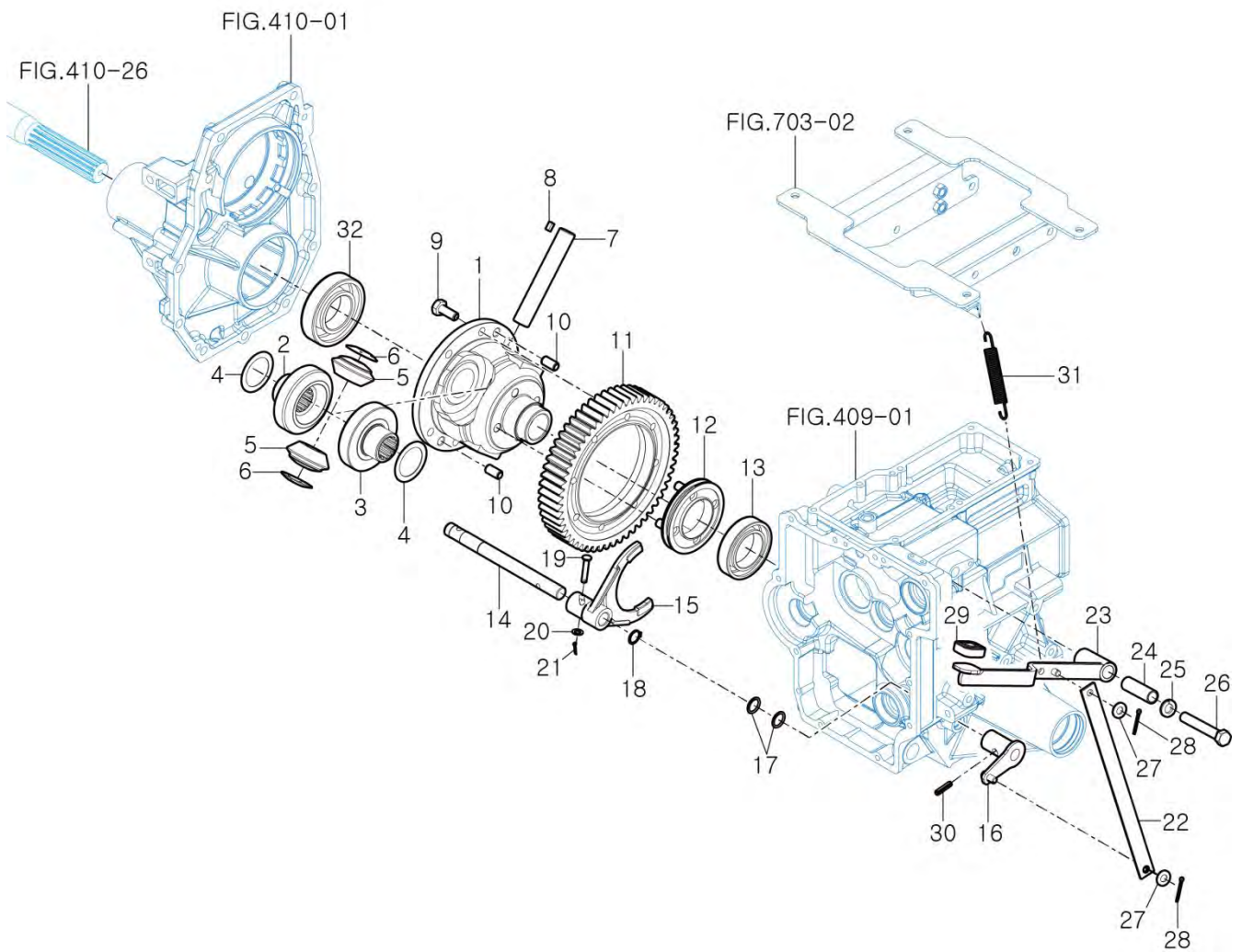
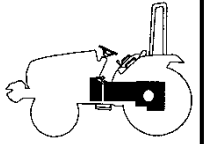
T224

# DIFF LOCK

P1

YEAR

2019



NOTE

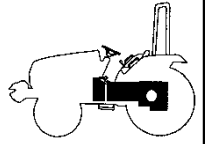
# FIG 409

# REAR TRANSMISSION CASE

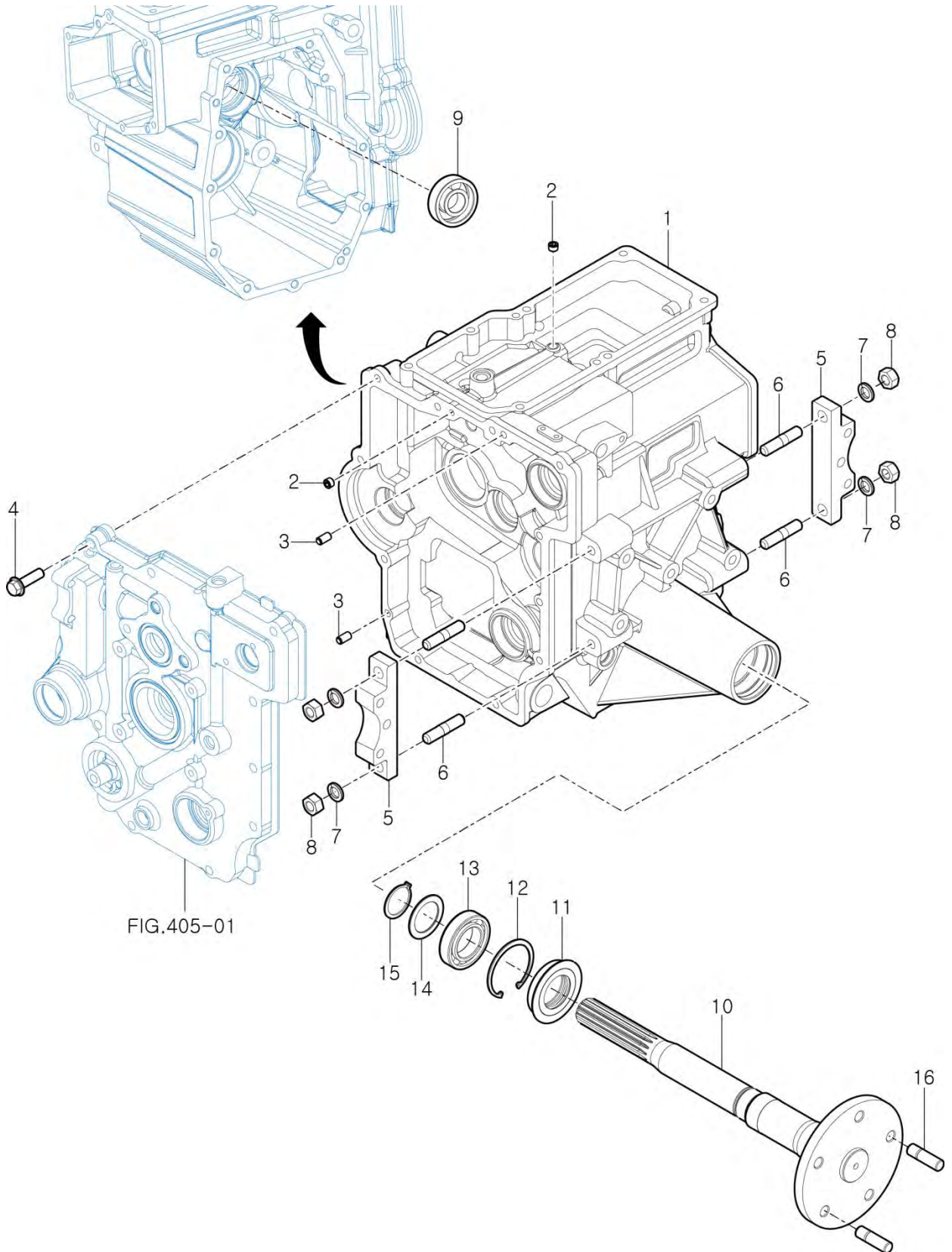
P1

YEAR

2019



T224



NOTE

# FIG 410

# REAR AXLE HOUSING

T224

P1

YEAR

2019

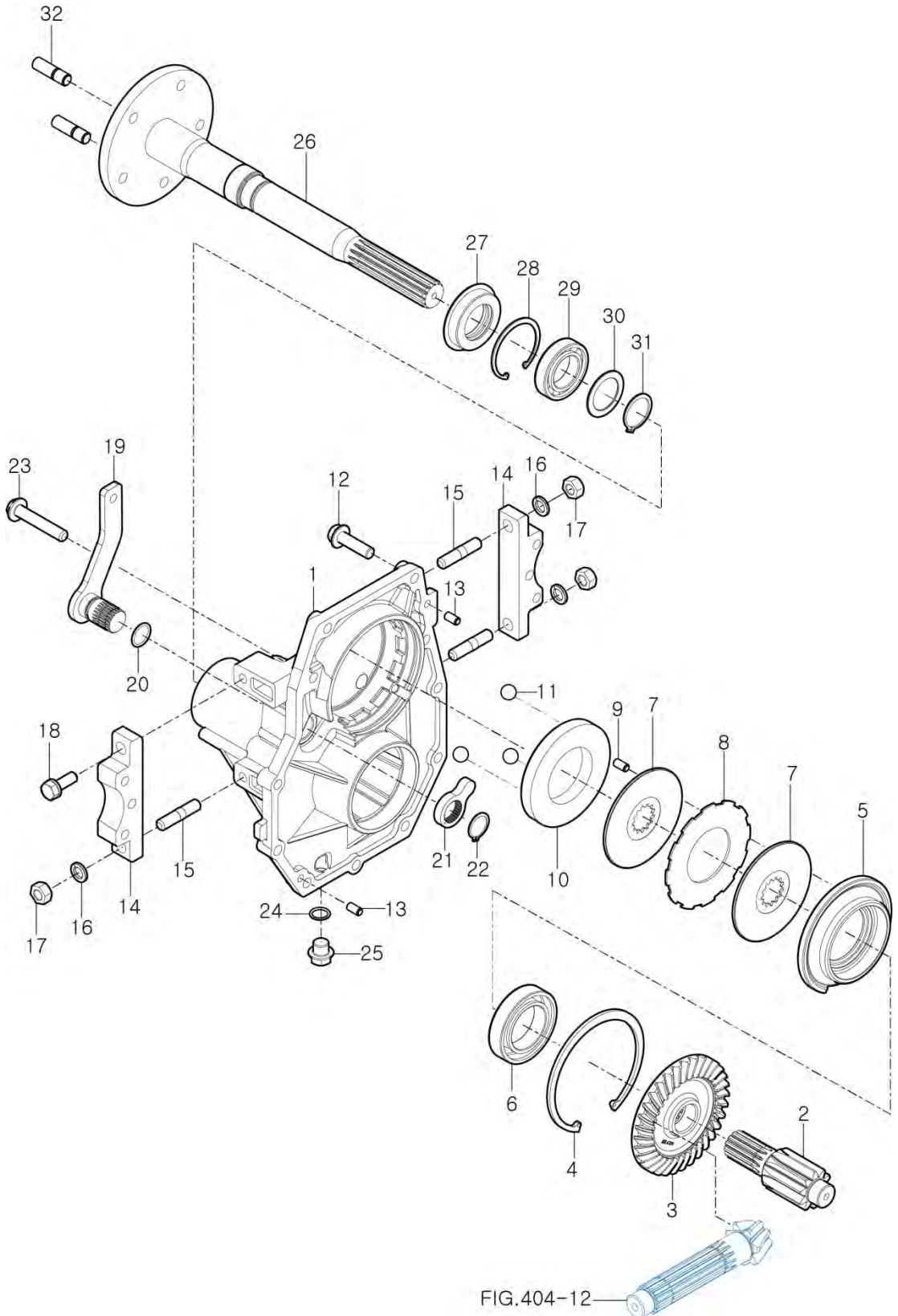
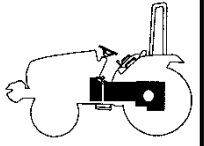


FIG. 404-12

NOTE

# FIG 411

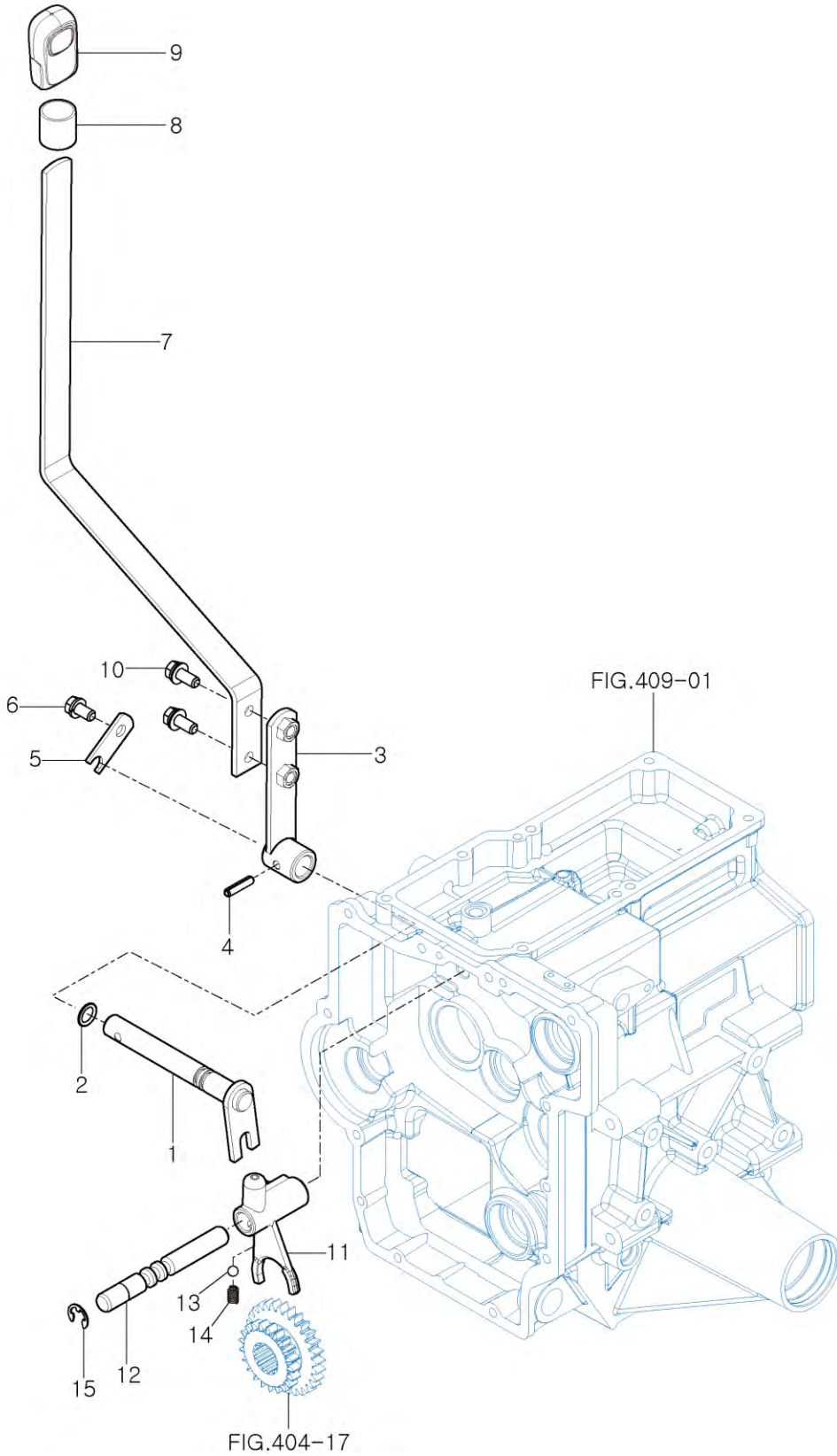
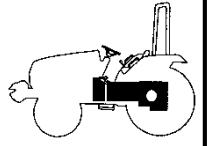
T224

# RANGE SHIFT LEVER

P1

YEAR

2019



NOTE

# FIG 412

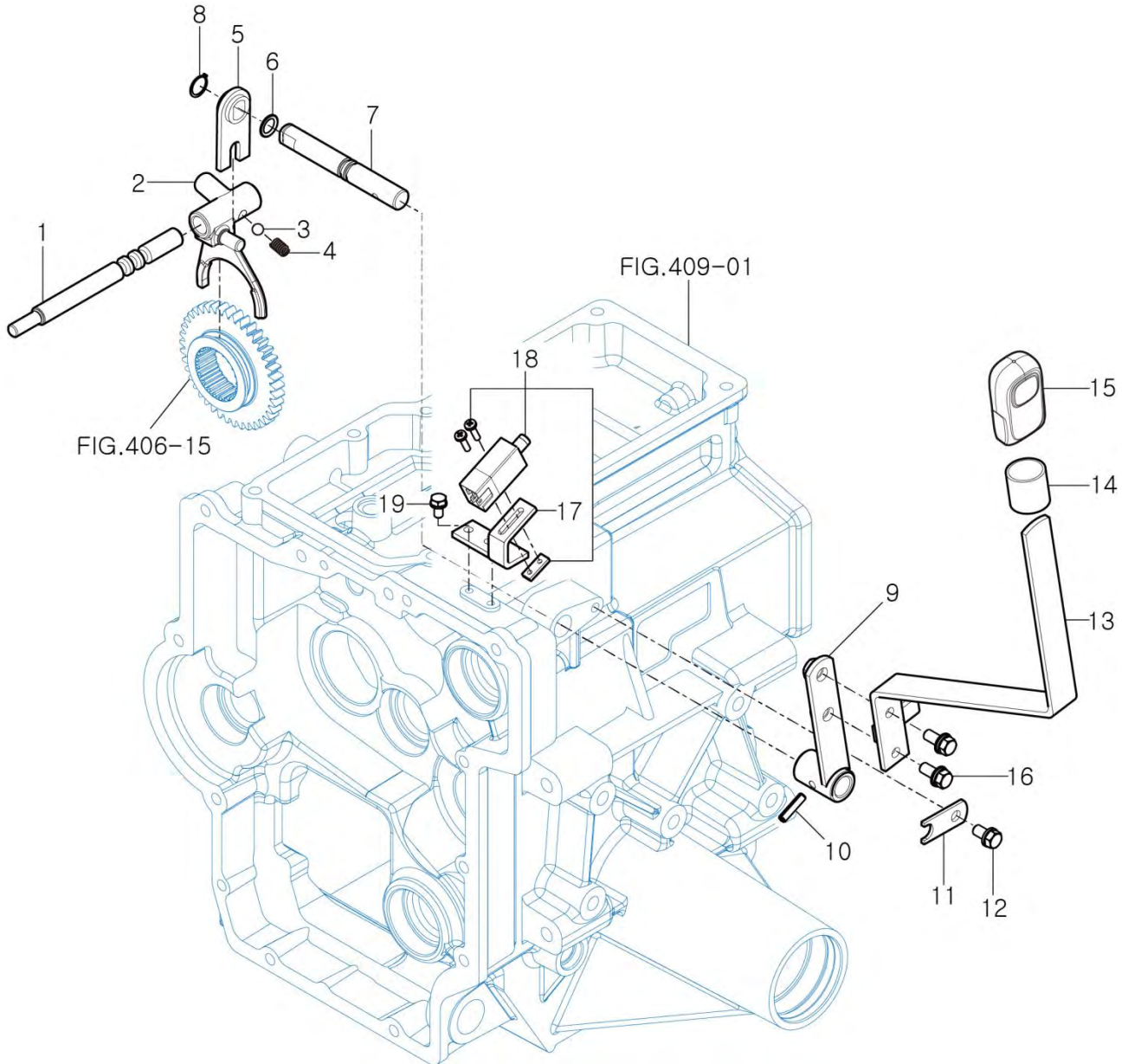
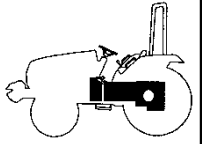
T224

# P.T.O CHANGE LEVER

P1

YEAR

2019



NOTE

# FIG 413

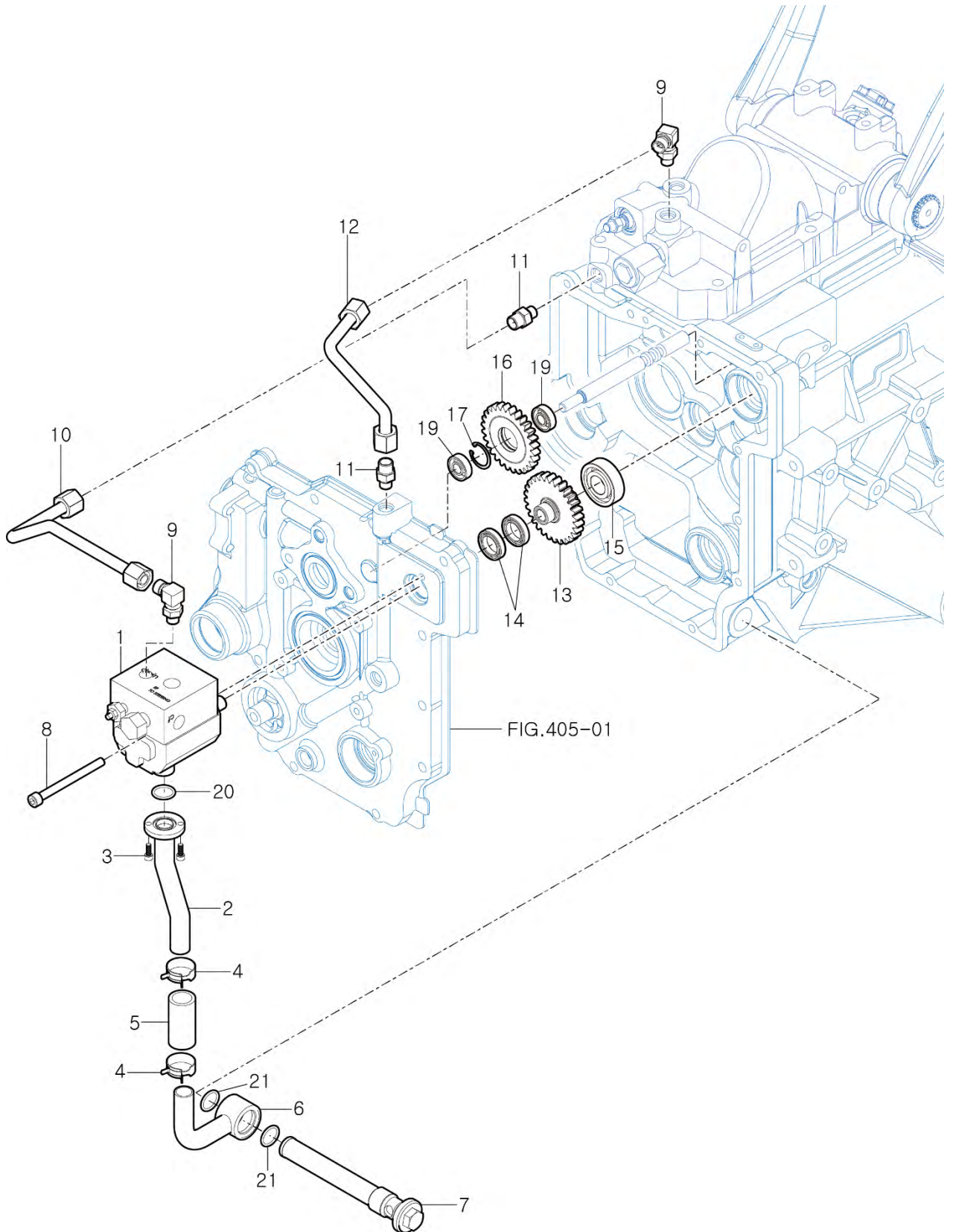
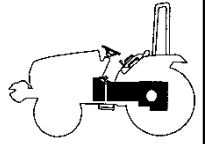
T224

# GEAR PUMP & PUMP IDLE GEAR SUB

P1

YEAR

2019



NOTE

# FIG 501

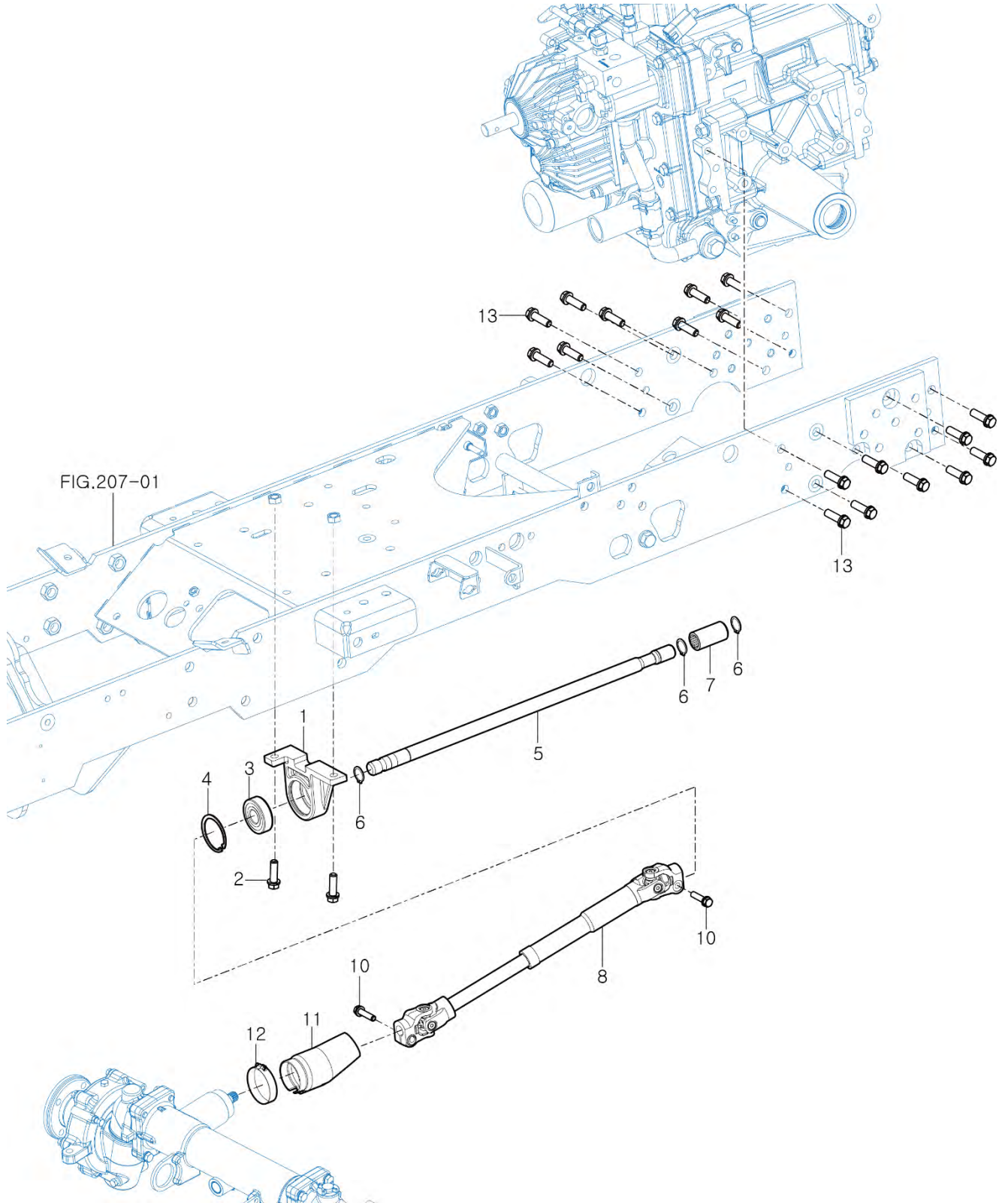
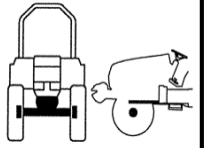
# FRONT DRIVE SHAFT

T224

P1

YEAR

2019



NOTE



**FIG 502**

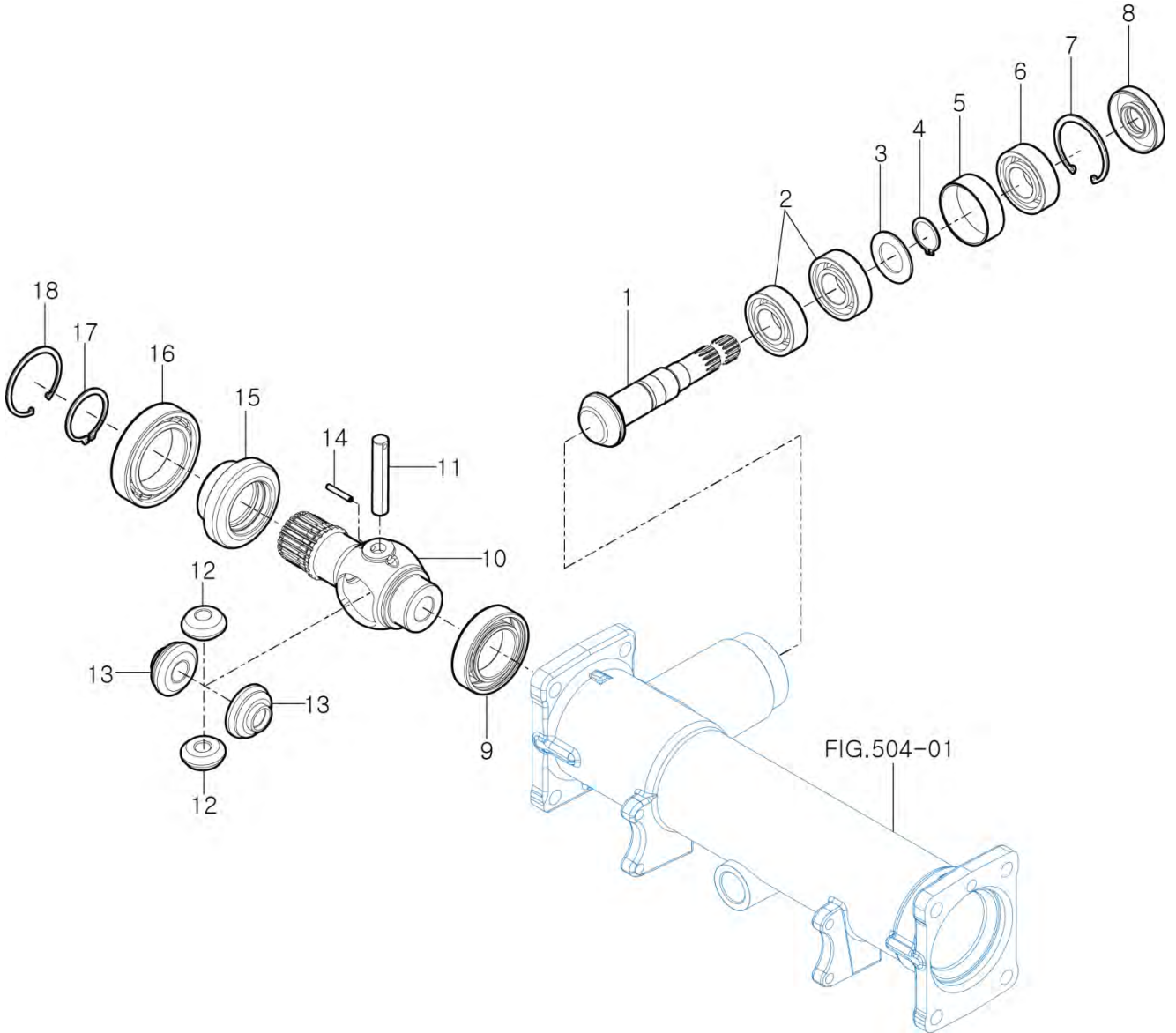
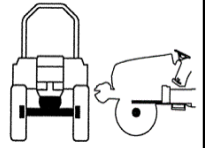
**FRONT DIFFERENTIAL GEAR**

T224

P1

YEAR

2019



NOTE

# FIG 503

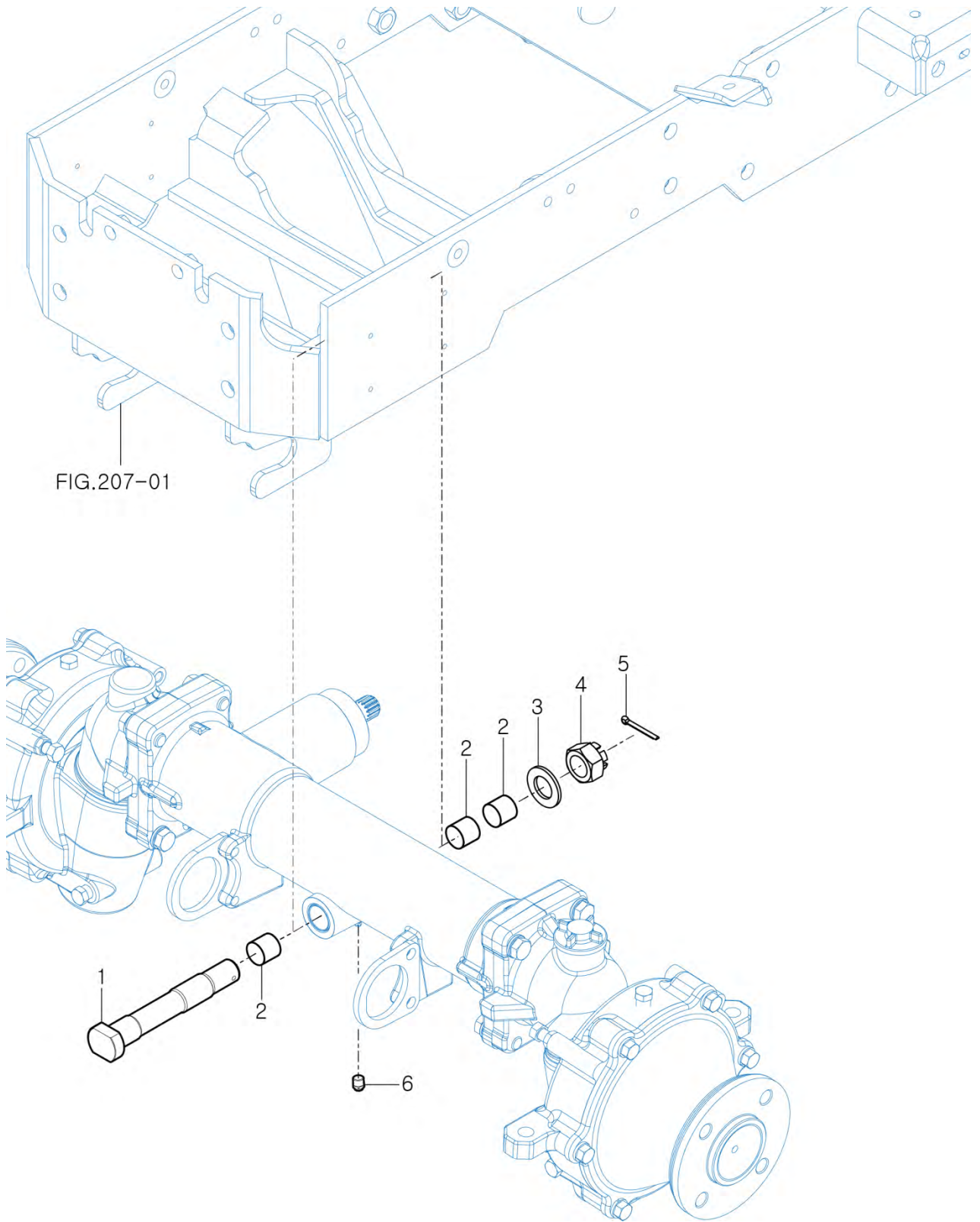
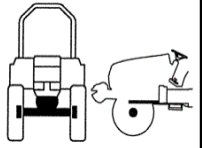
# FRONT AXLE HOUSING

T224

P1

YEAR

2019



NOTE

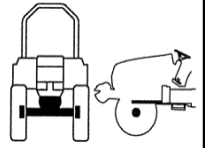
# FIG 504

# FRONT GEAR CASE (1)

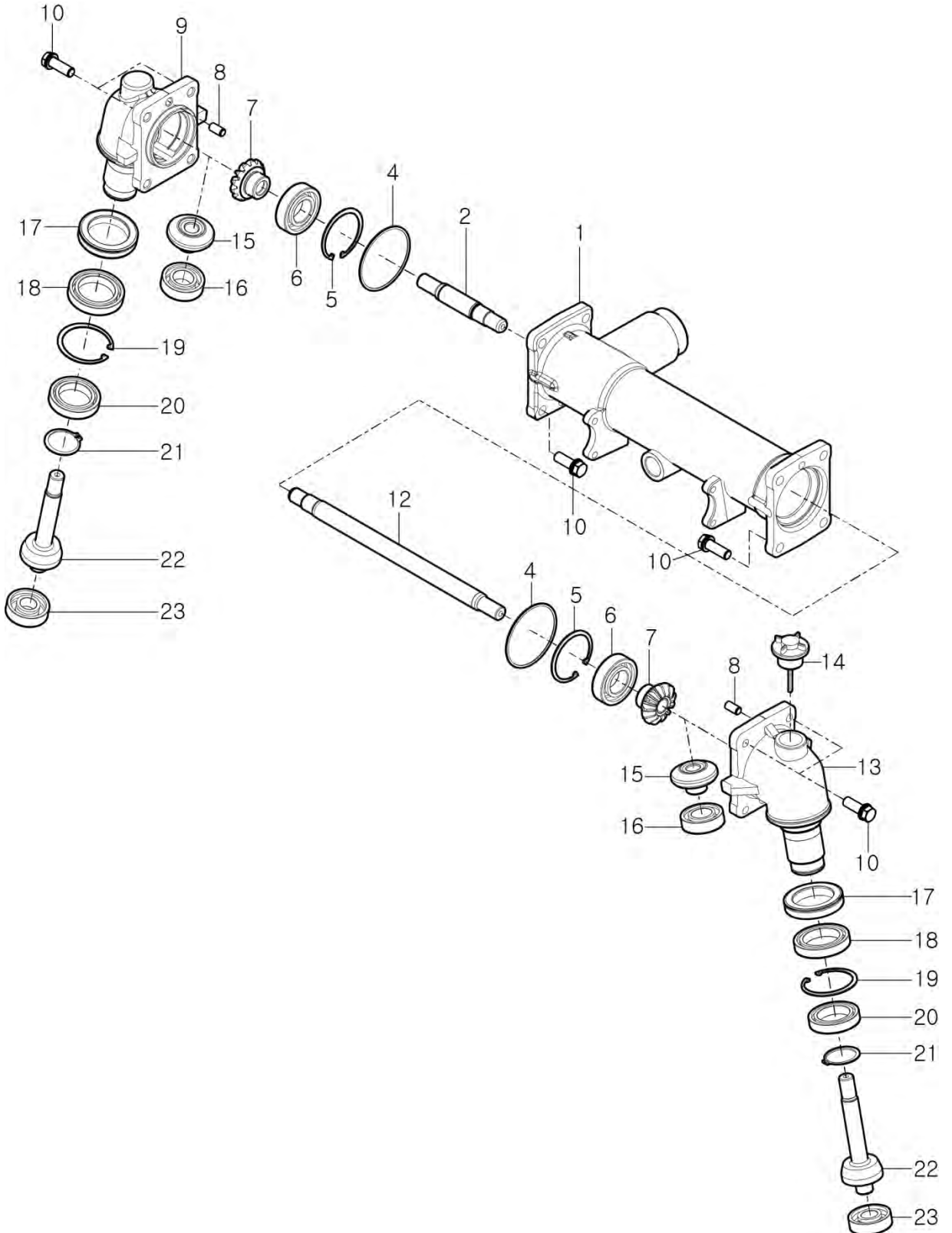
P1

YEAR

2019



T224



NOTE

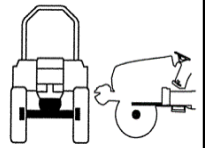
FIG 505

FRONT GEAR CASE (2)

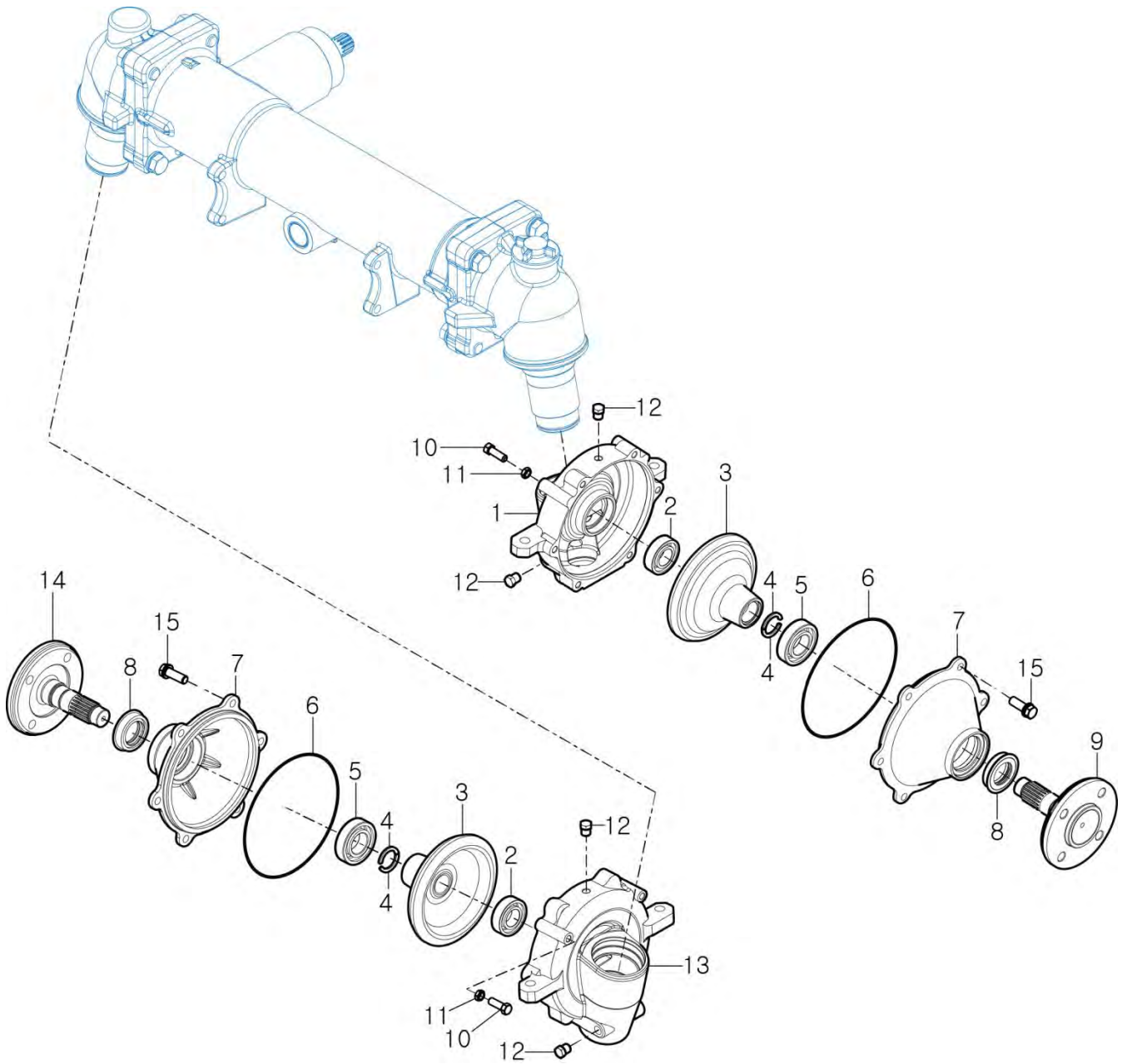
P1

YEAR

2019



T224



NOTE

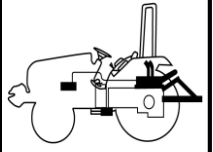
FIG 601

CYLINDER CASE

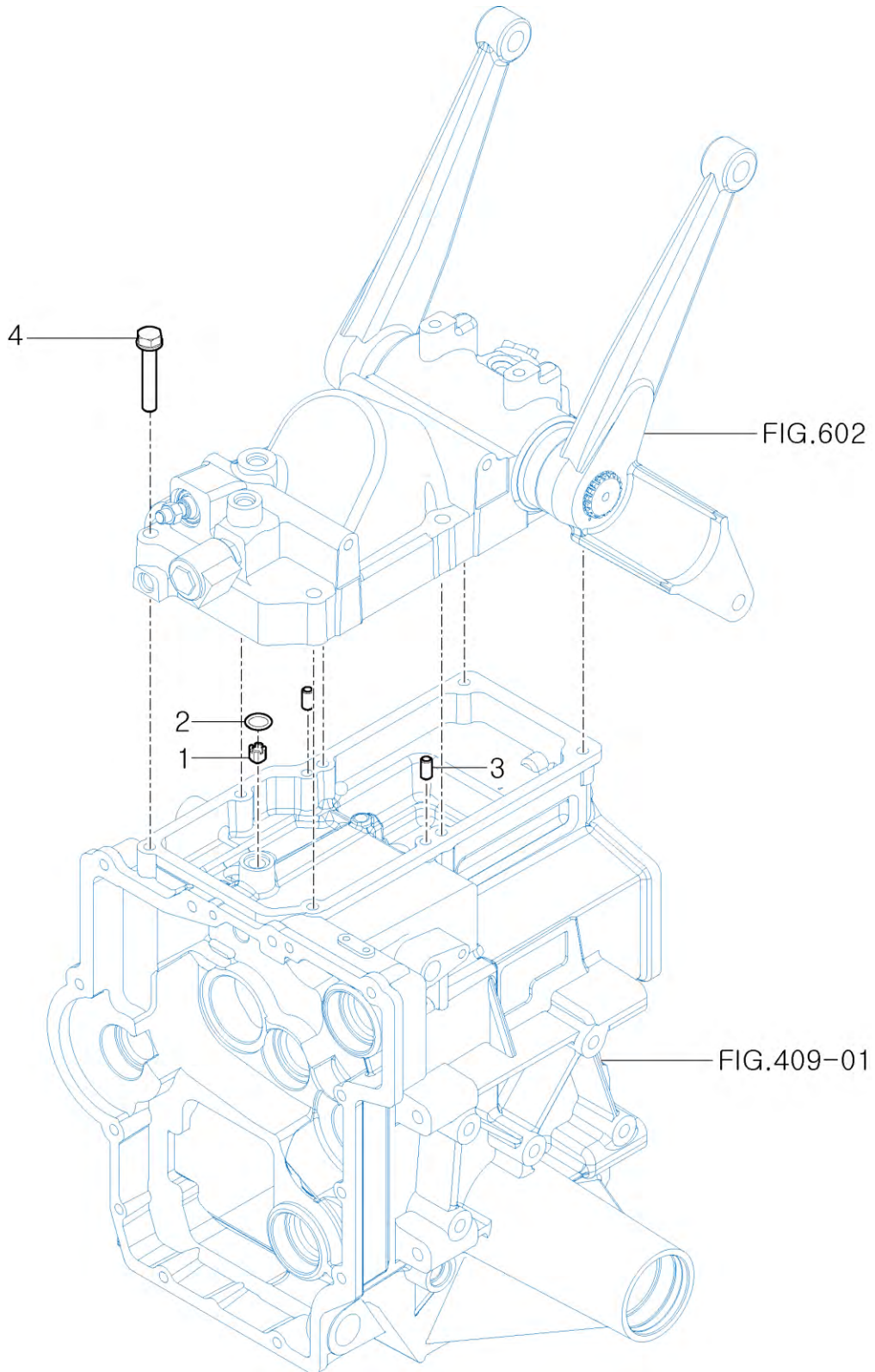
P1

YEAR

2019



T224



NOTE

FIG 602

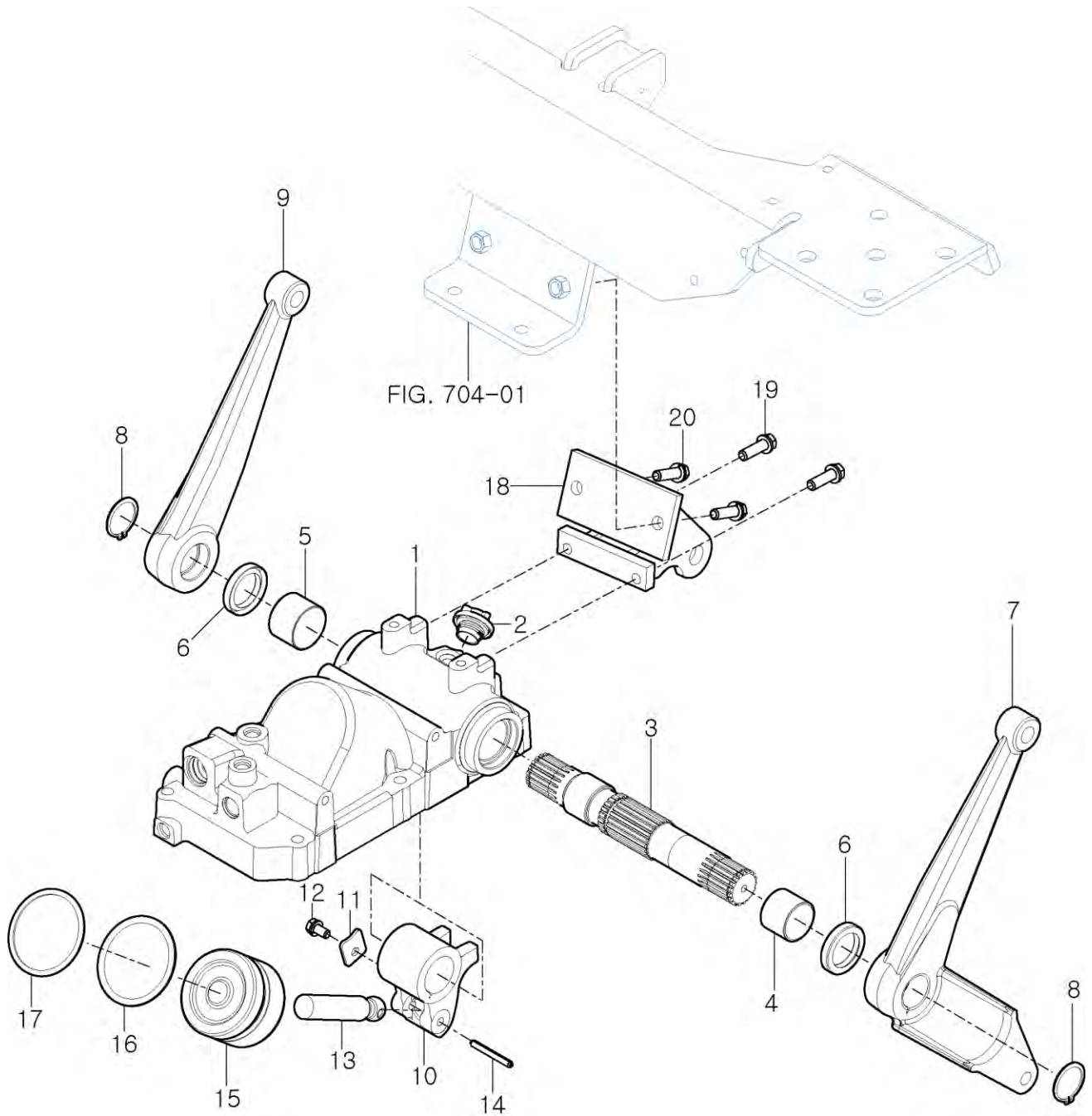
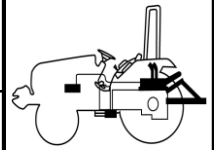
T224

LIFT ARM

P1

YEAR

2019



NOTE

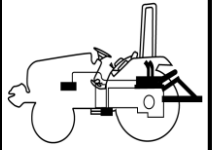
FIG 603

FLOW CONTROL VALVE

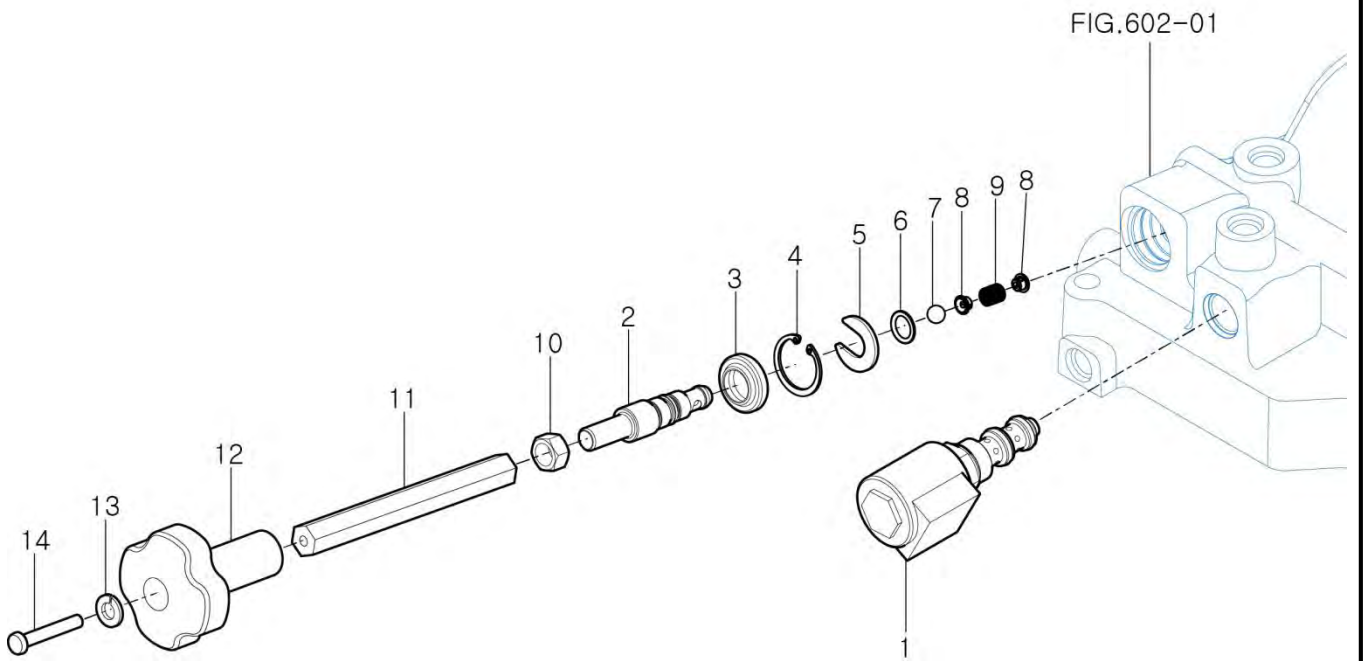
P1

YEAR

2019



T224



NOTE

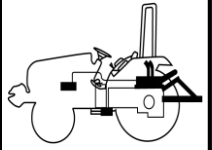
FIG 604

MAIN CONTROL VALVE

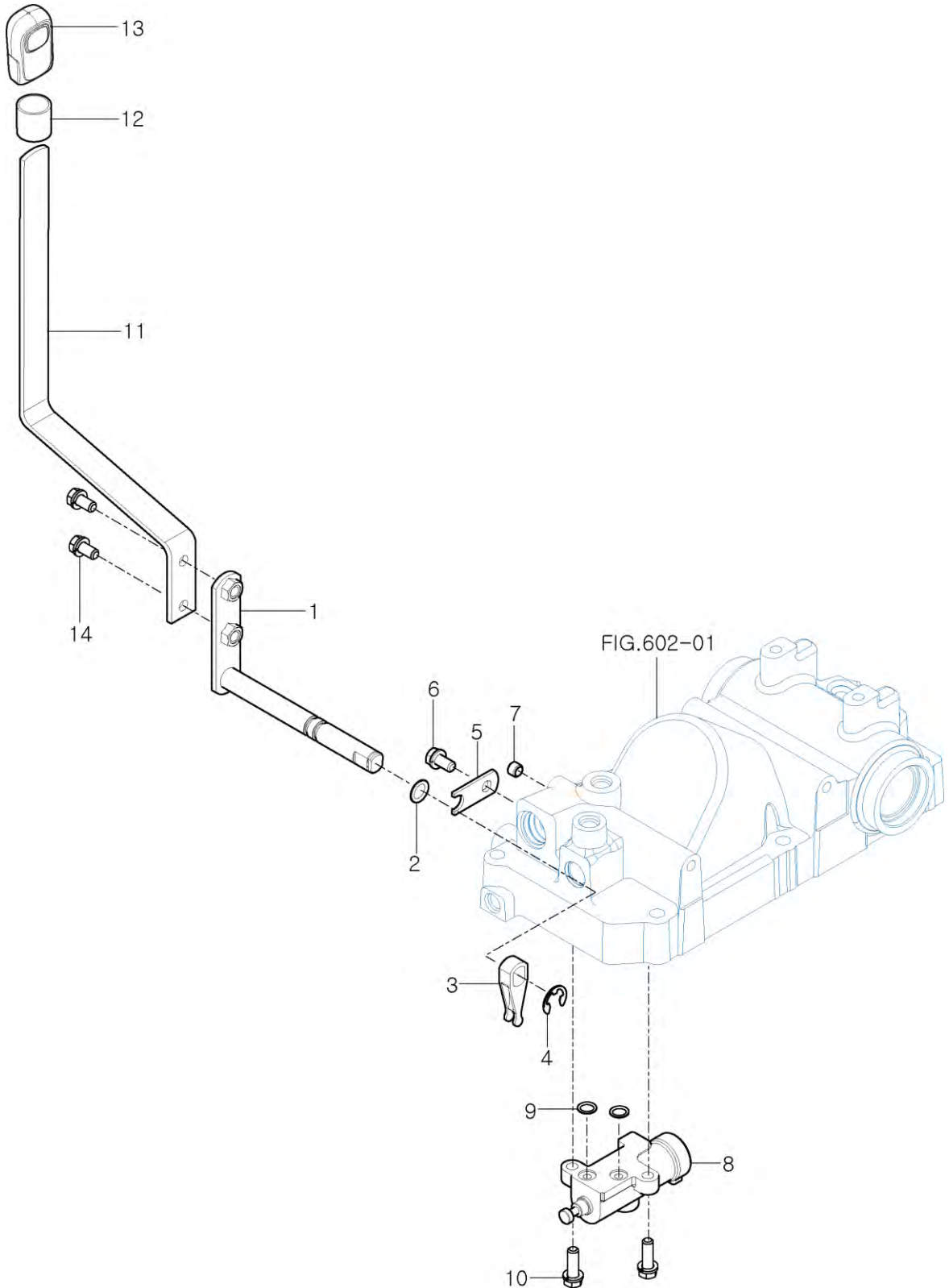
P1

YEAR

2019



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NOTE



# FIG 605

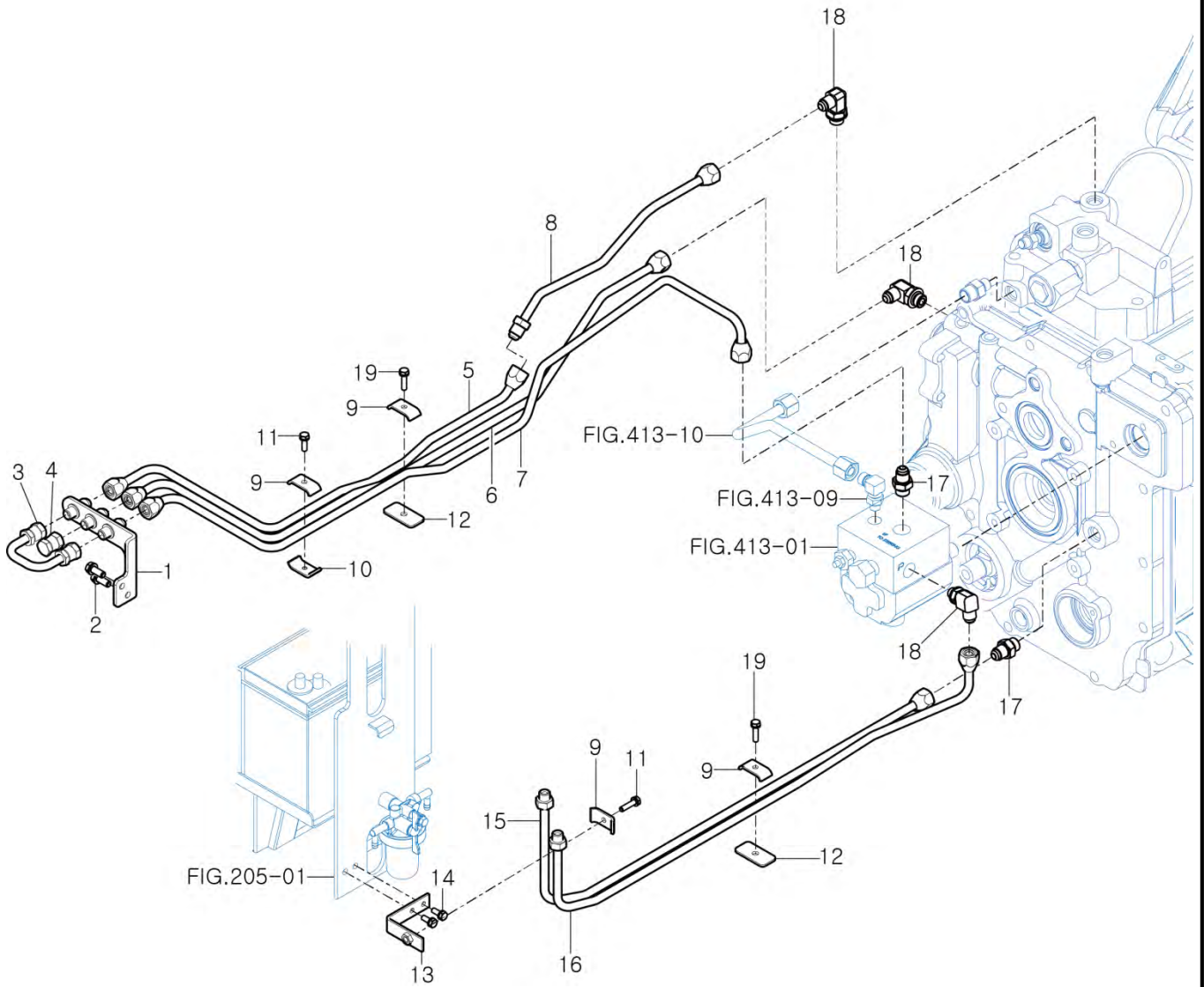
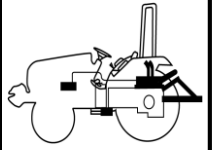
# HYDRAULIC SUB

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NOTE

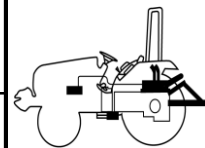
FIG 606

HITCH & 3-POINT LINKAGE

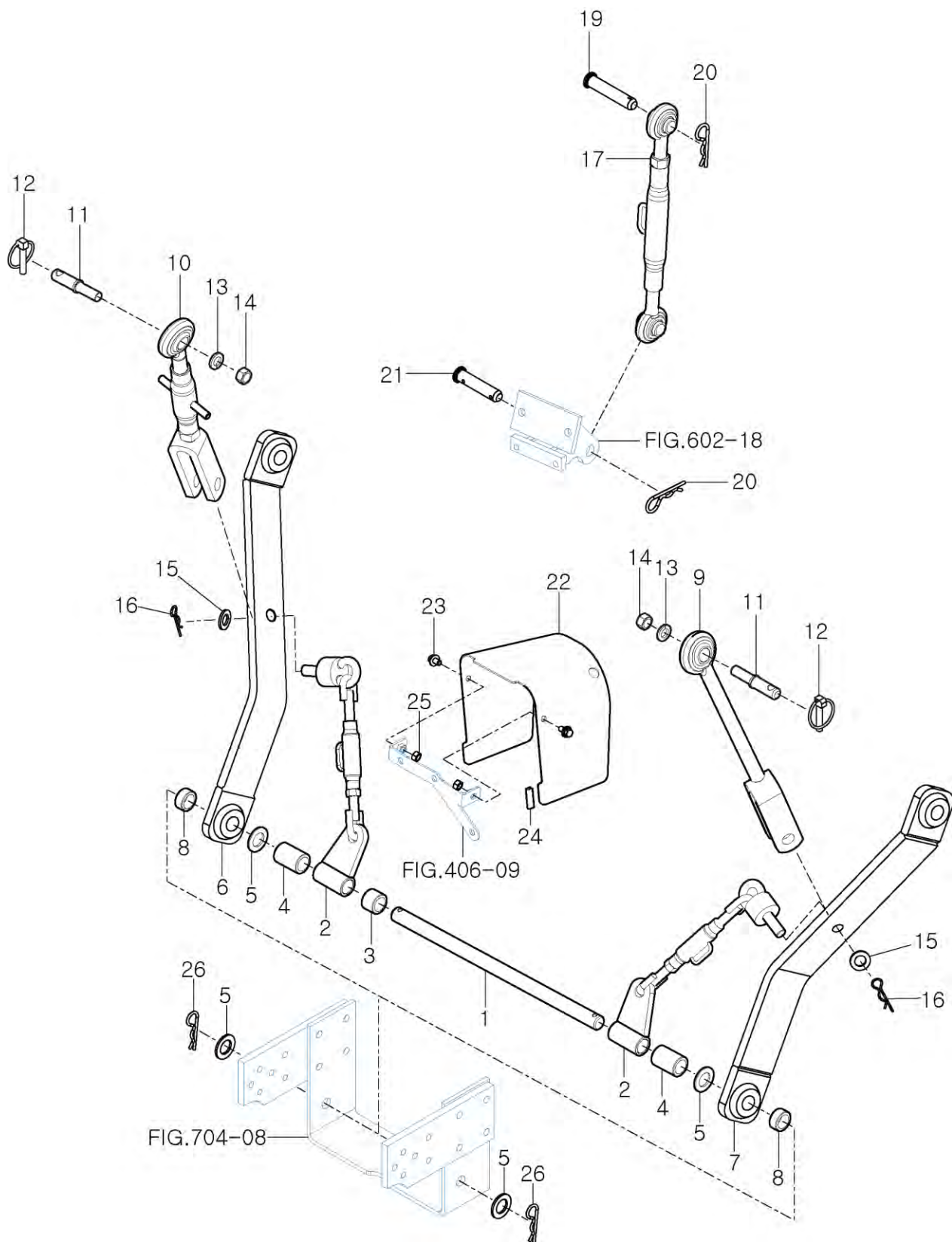
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NOTE

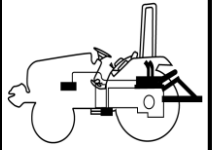
FIG 607

MID MOWER

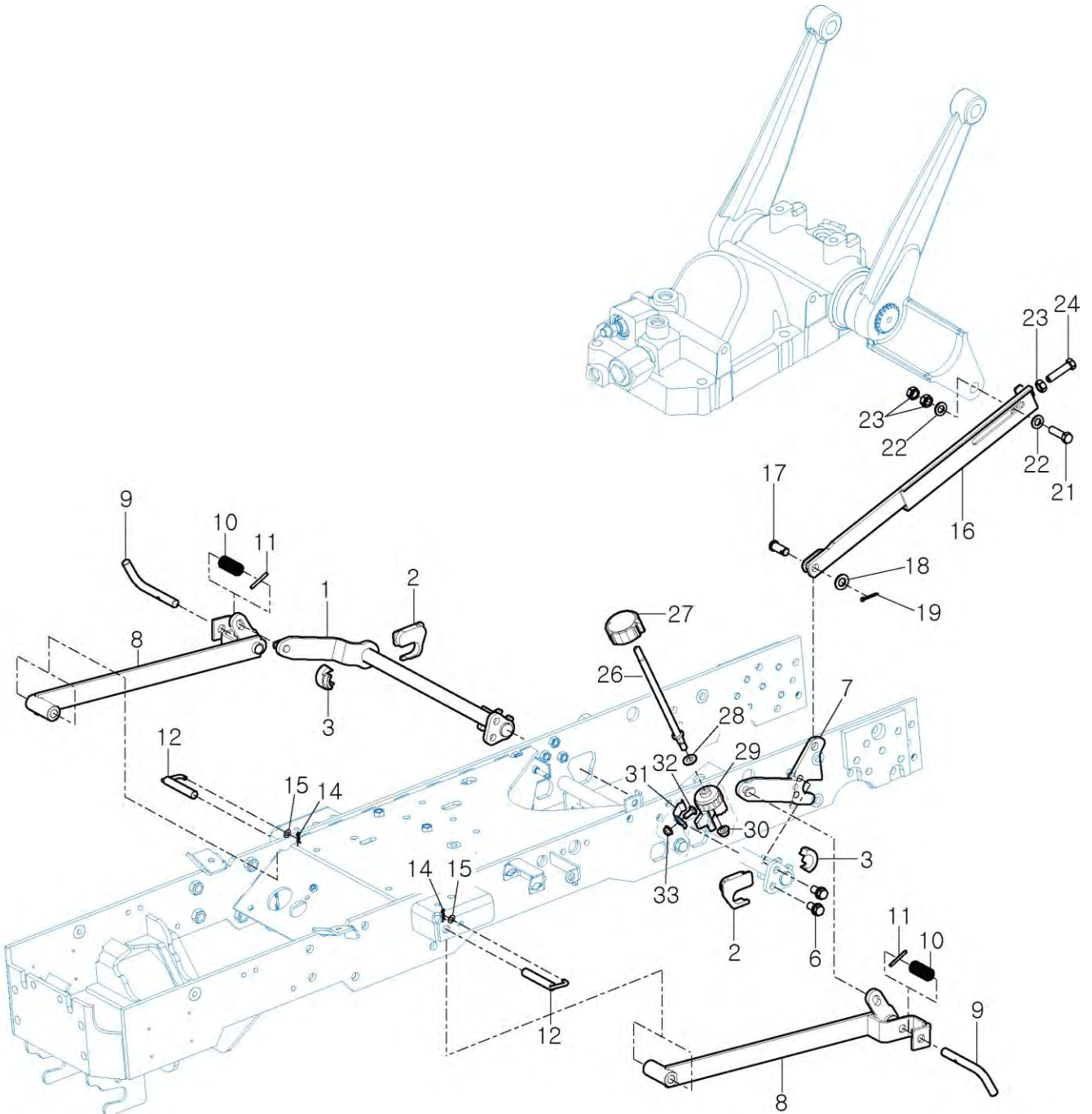
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NOTE

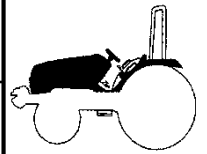
FIG 701

BONNET

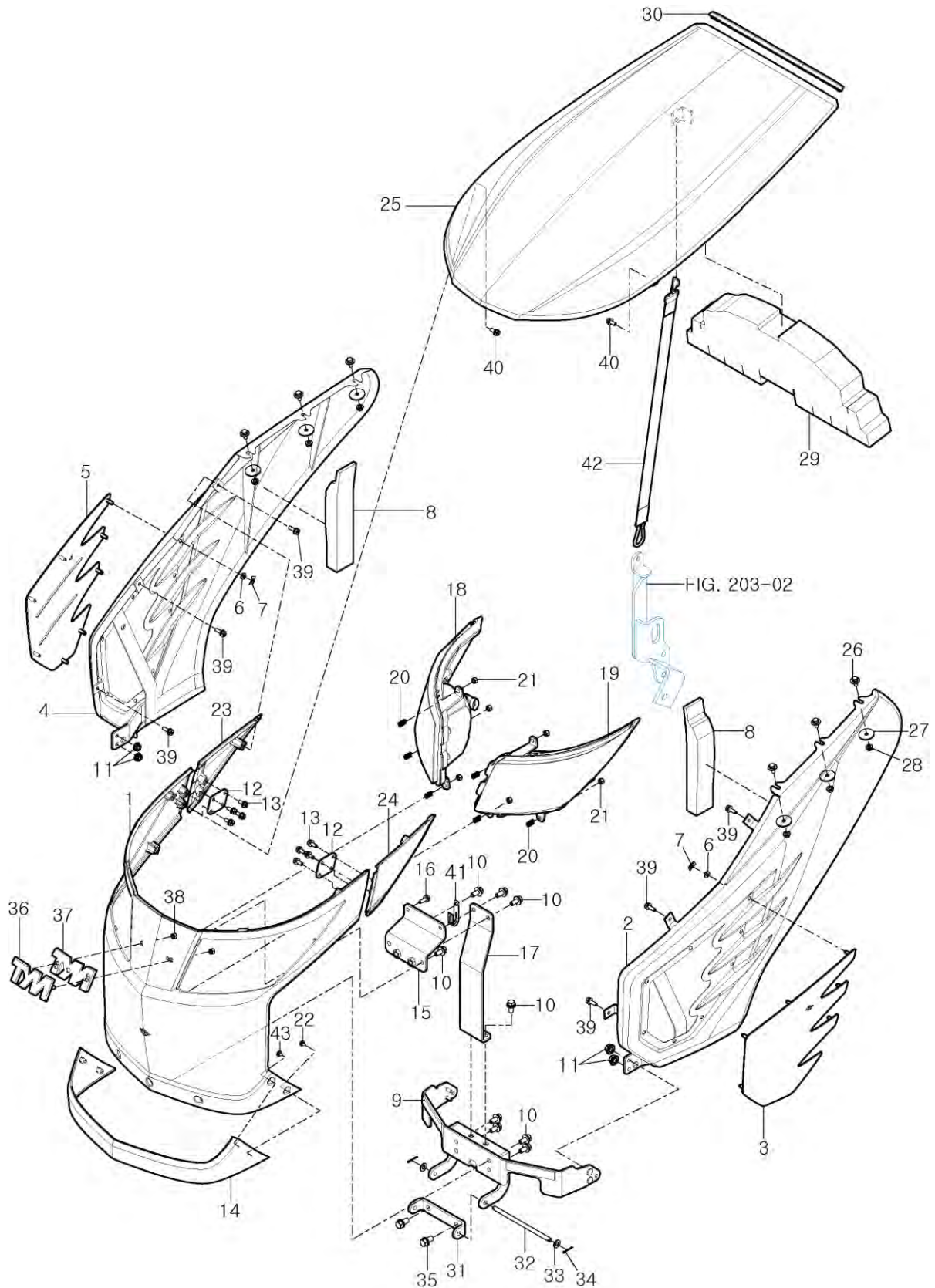
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NOTE

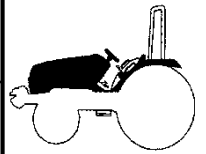
FIG 702

FLOOR

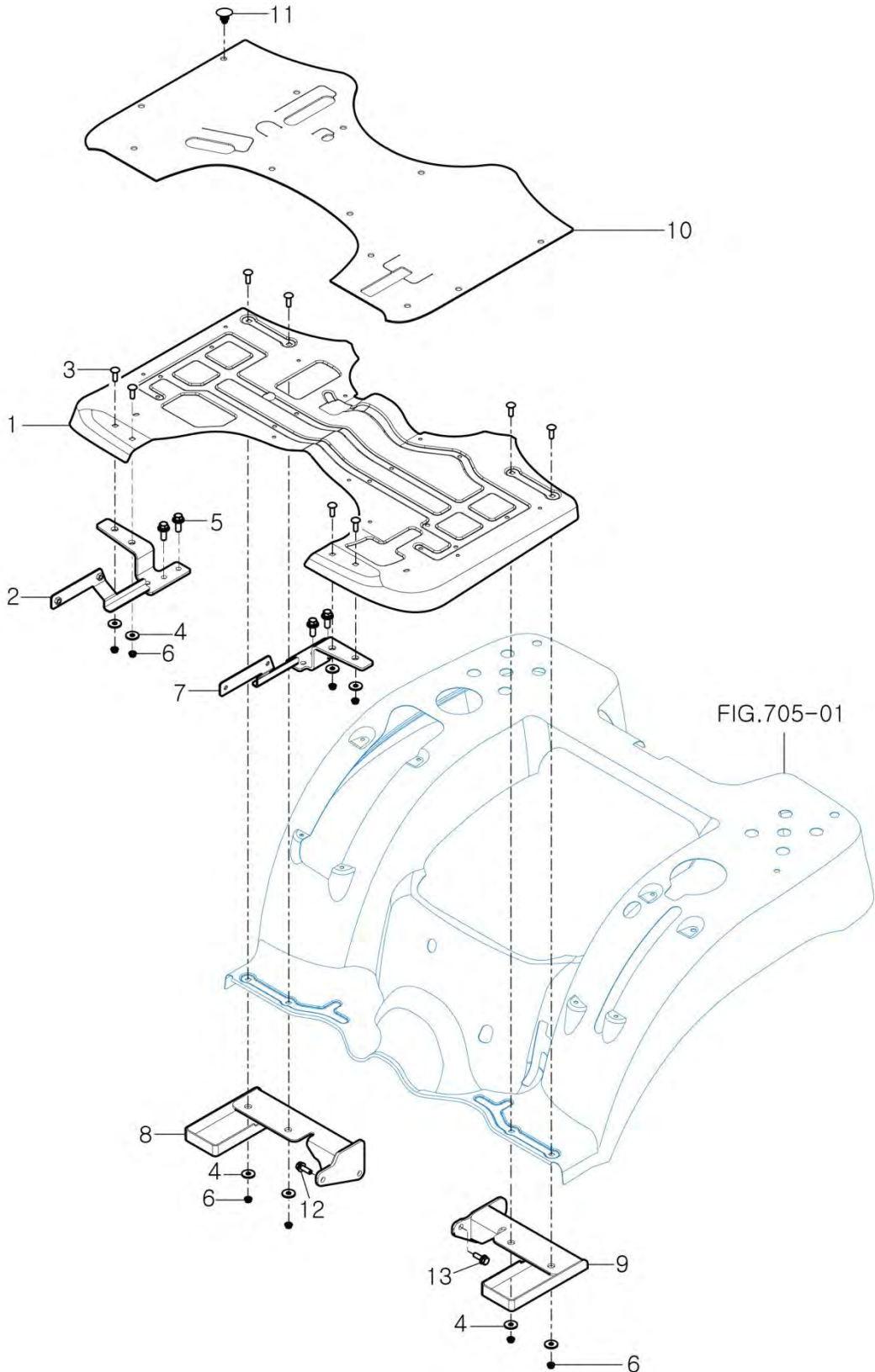
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NOTE

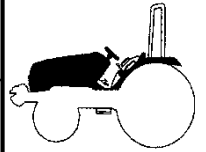
FIG 703

SEAT

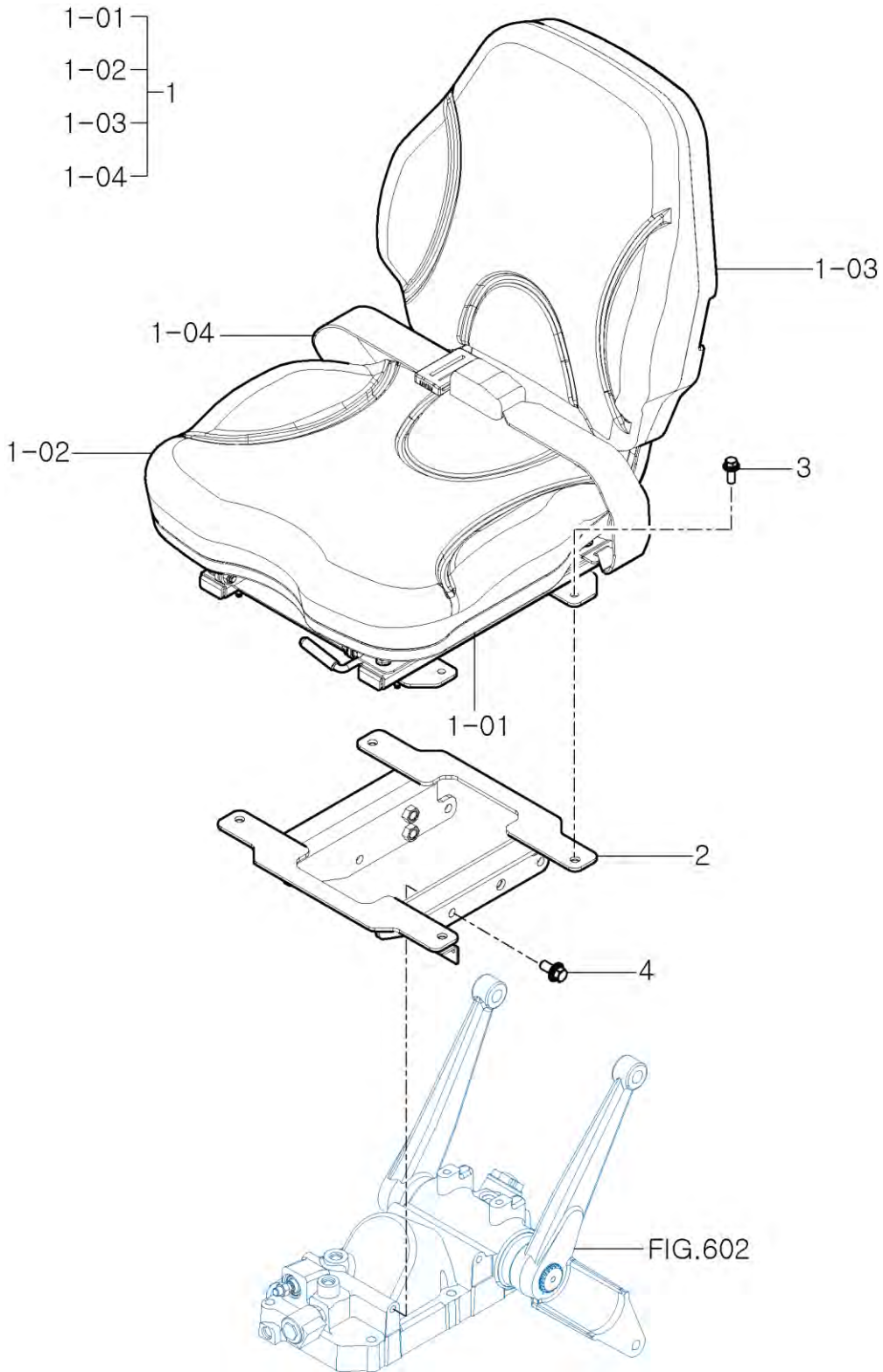
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NOTE

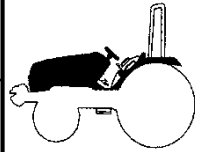
FIG 704

ROPS

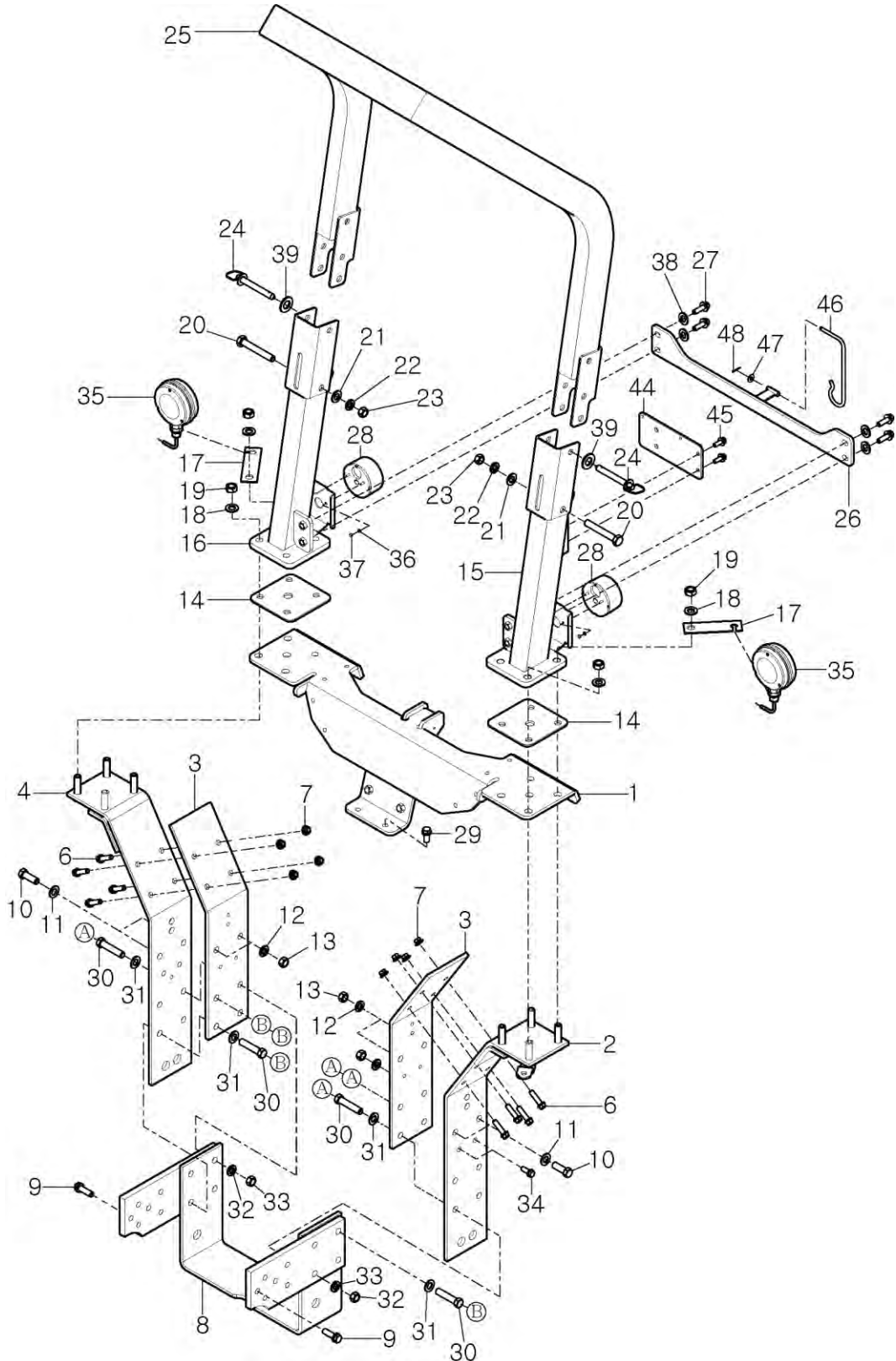
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NOTE

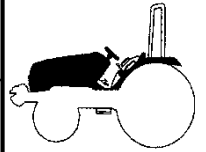
FIG 705

LEVER COVER & FENDER

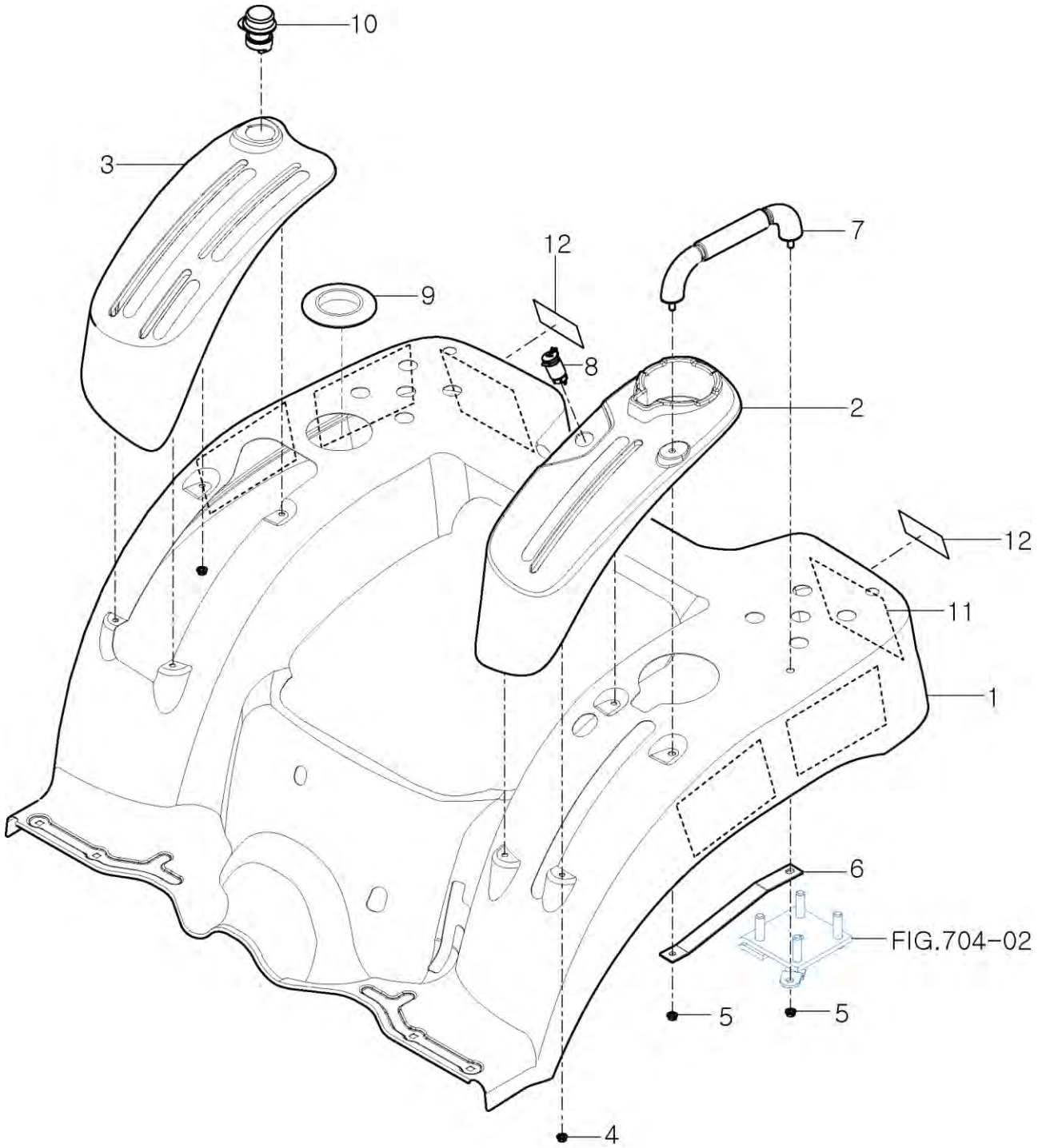
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NOTE



FIG 706

REARVIEW MIRRORS

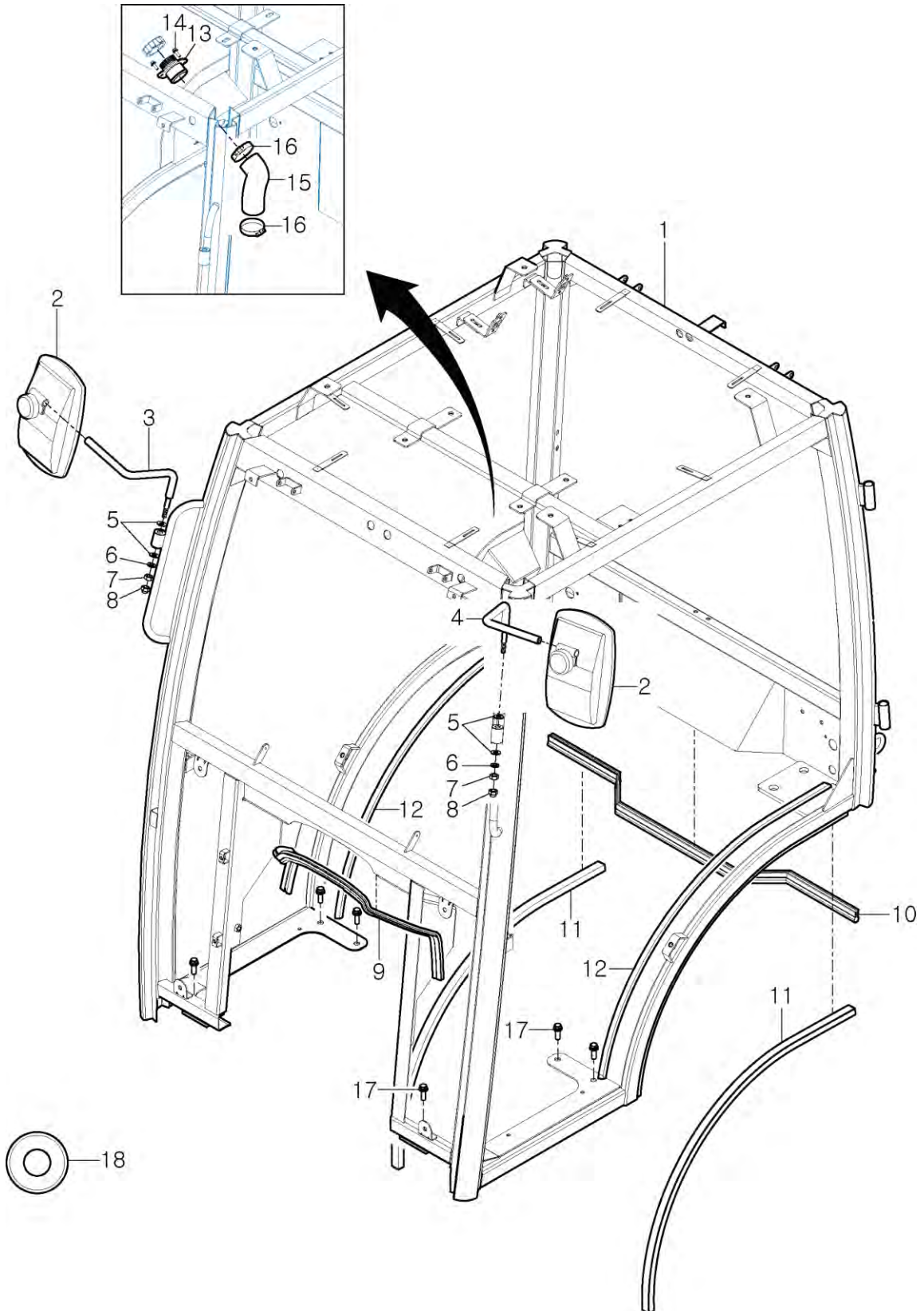
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NOTE

CABIN OPTION

FIG 707

FRONT GLASS

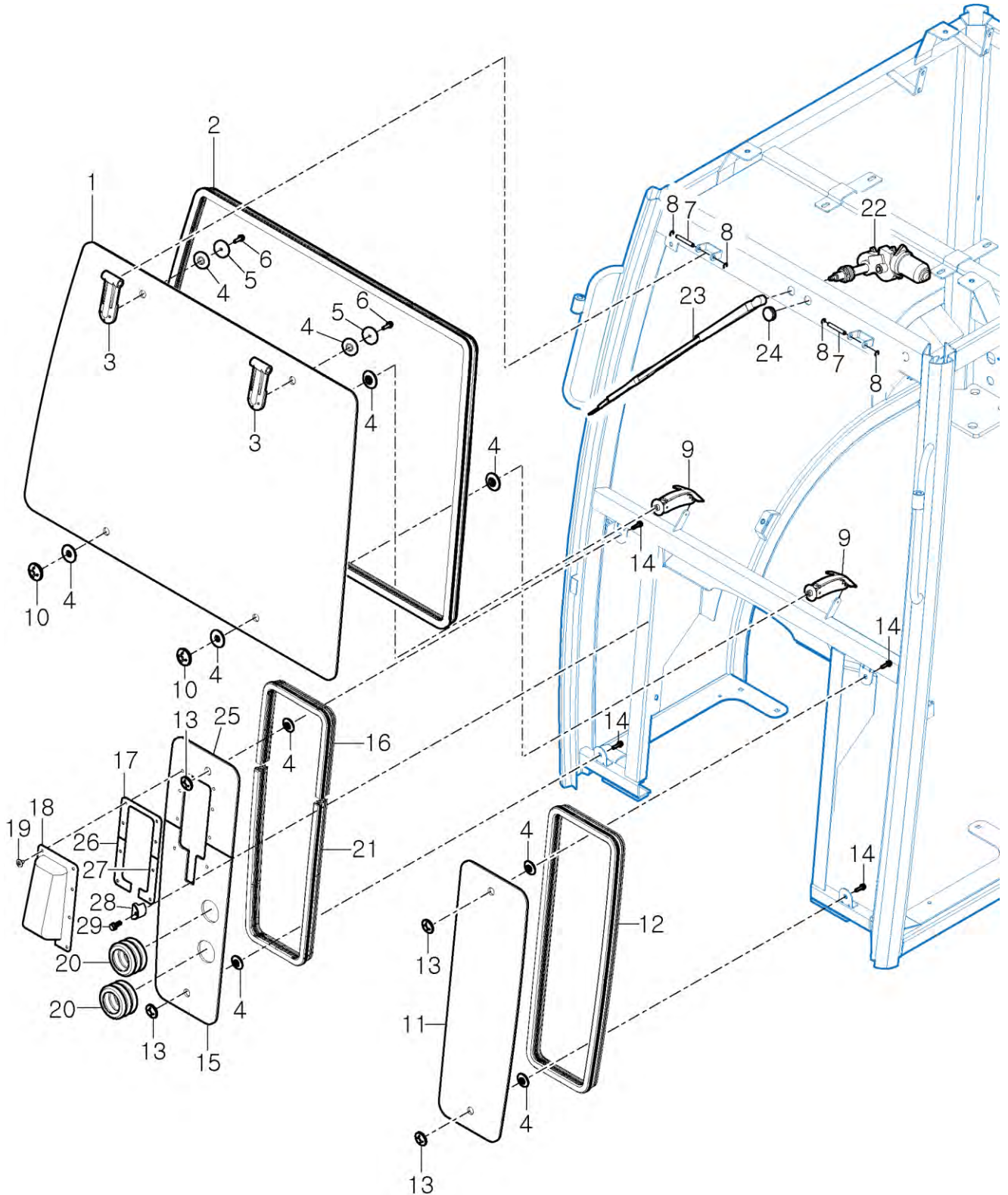
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NOTE

CABIN OPTION

FIG 708

DOOR-LH

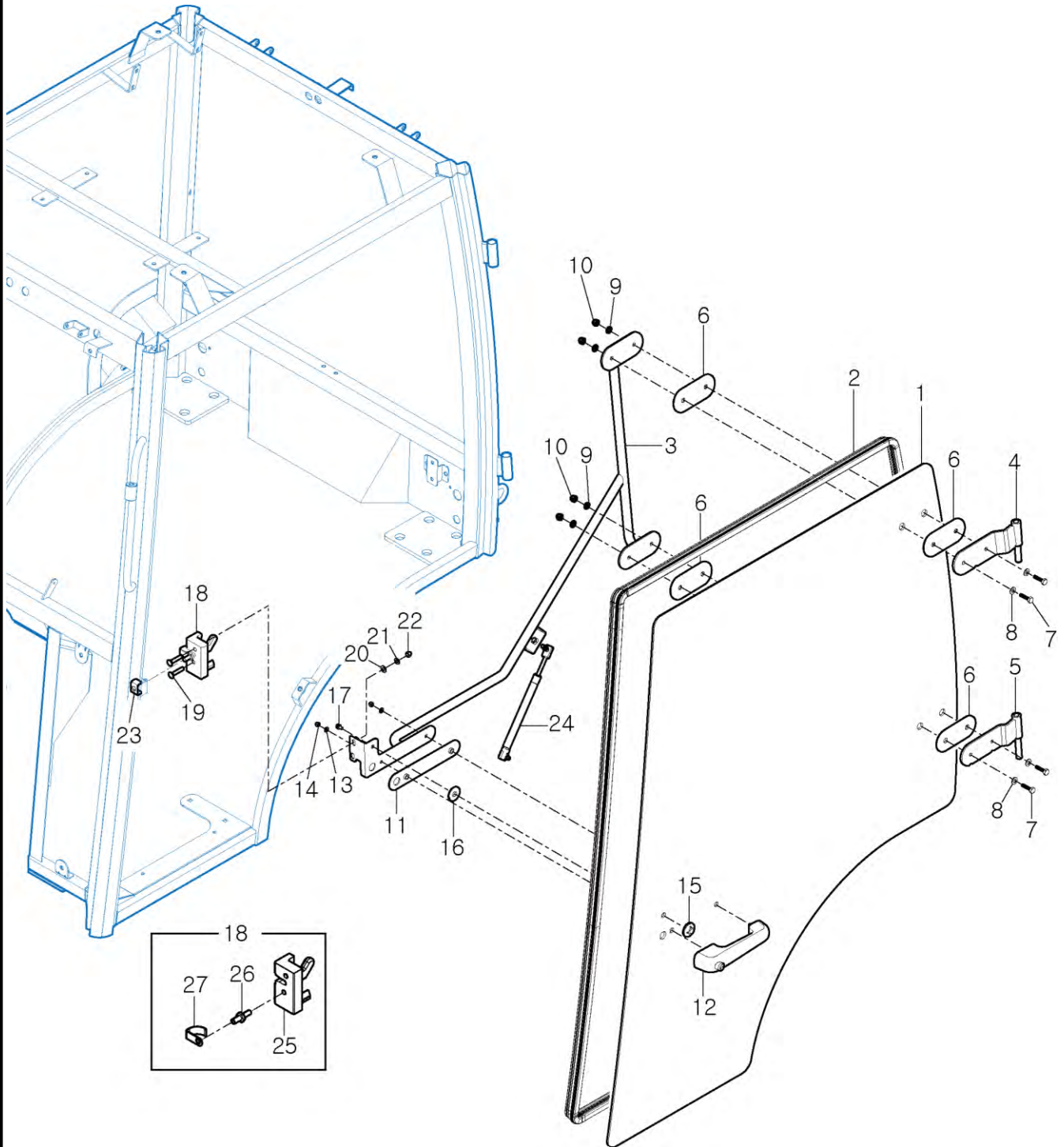
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NOTE

CABIN OPTION

FIG 709

DOOR-RH

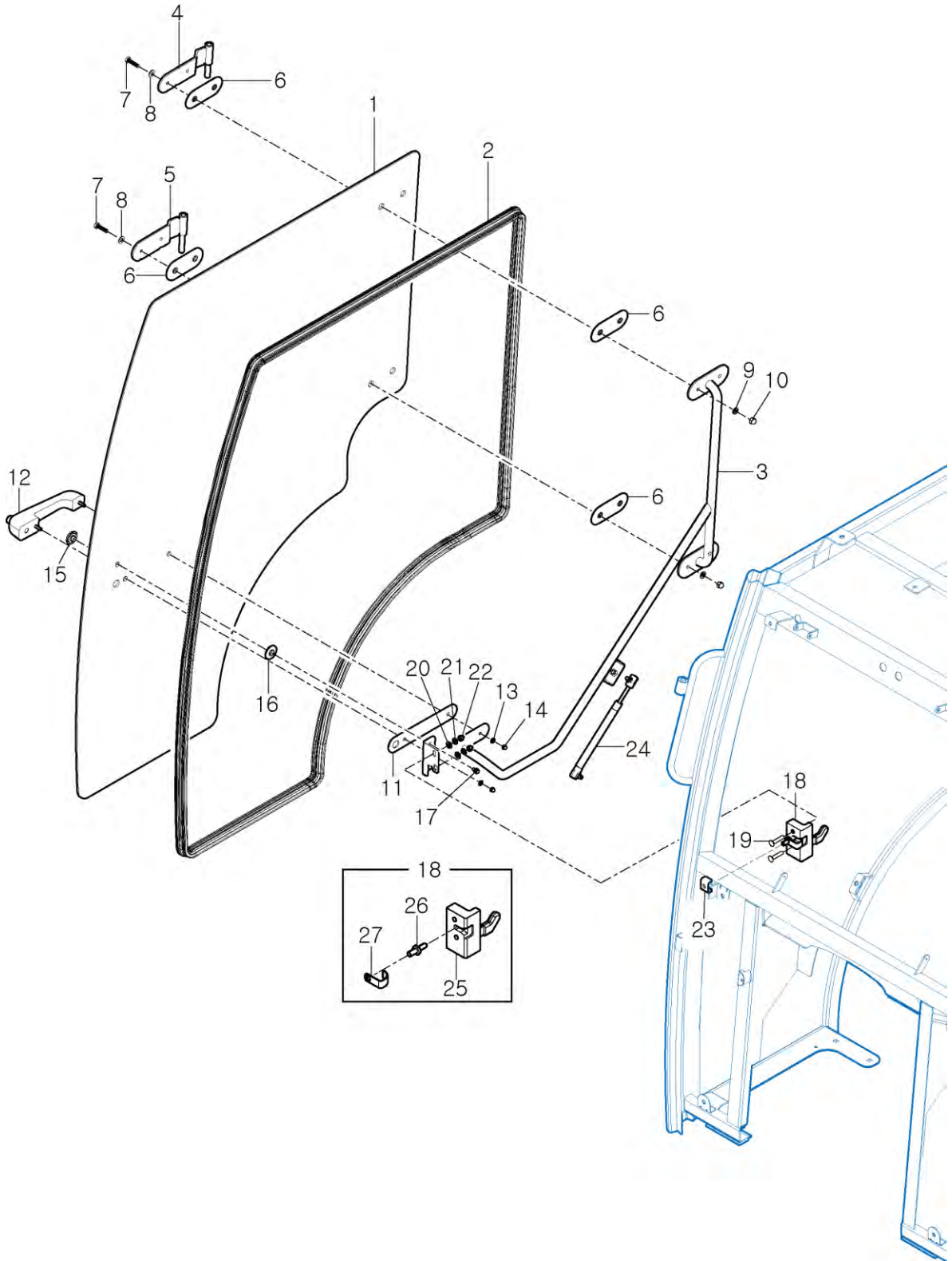
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NOTE

CABIN OPTION

FIG 710

REAR GLASS

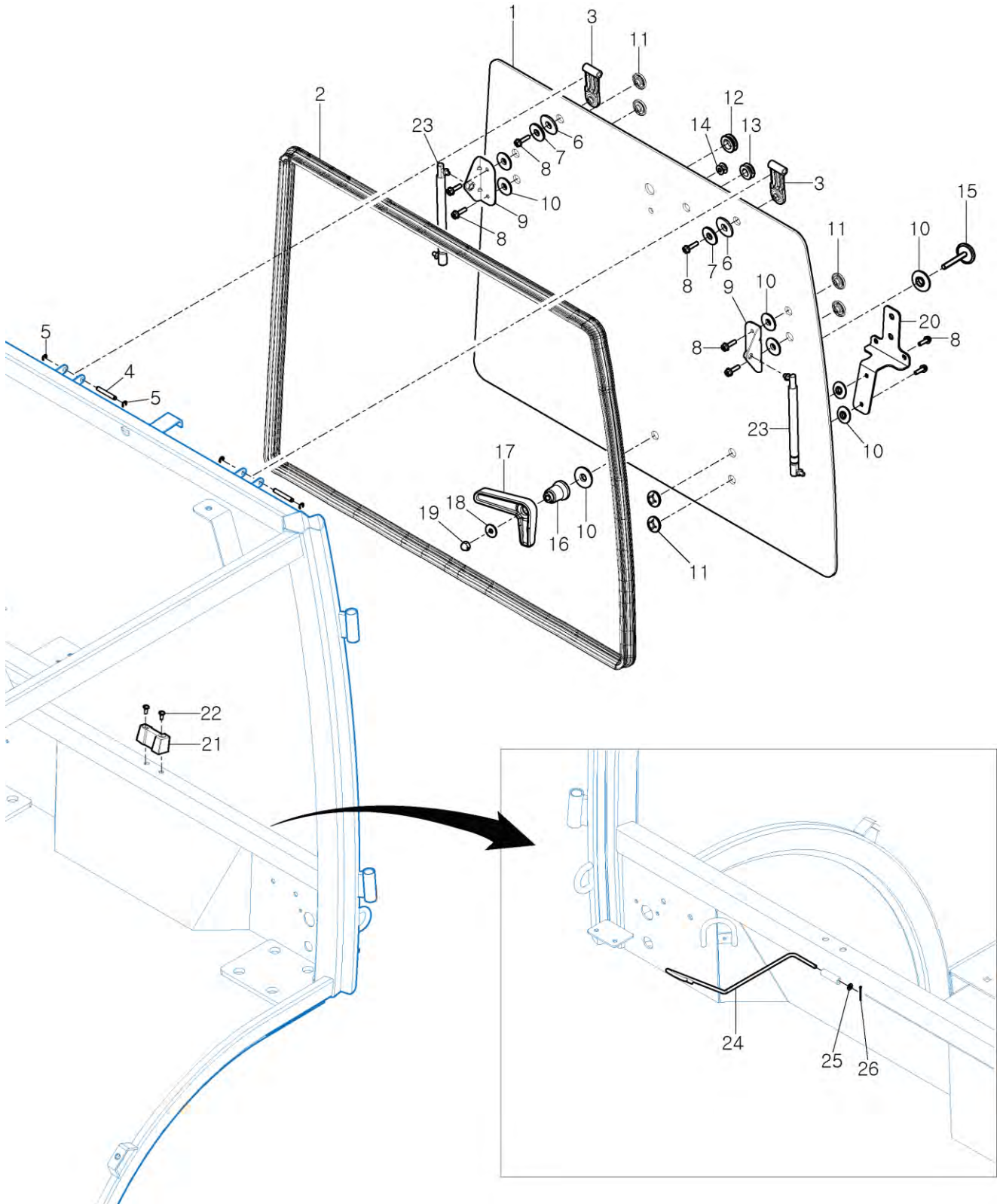
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NOTE

CABIN OPTION

FIG 711

ROOF

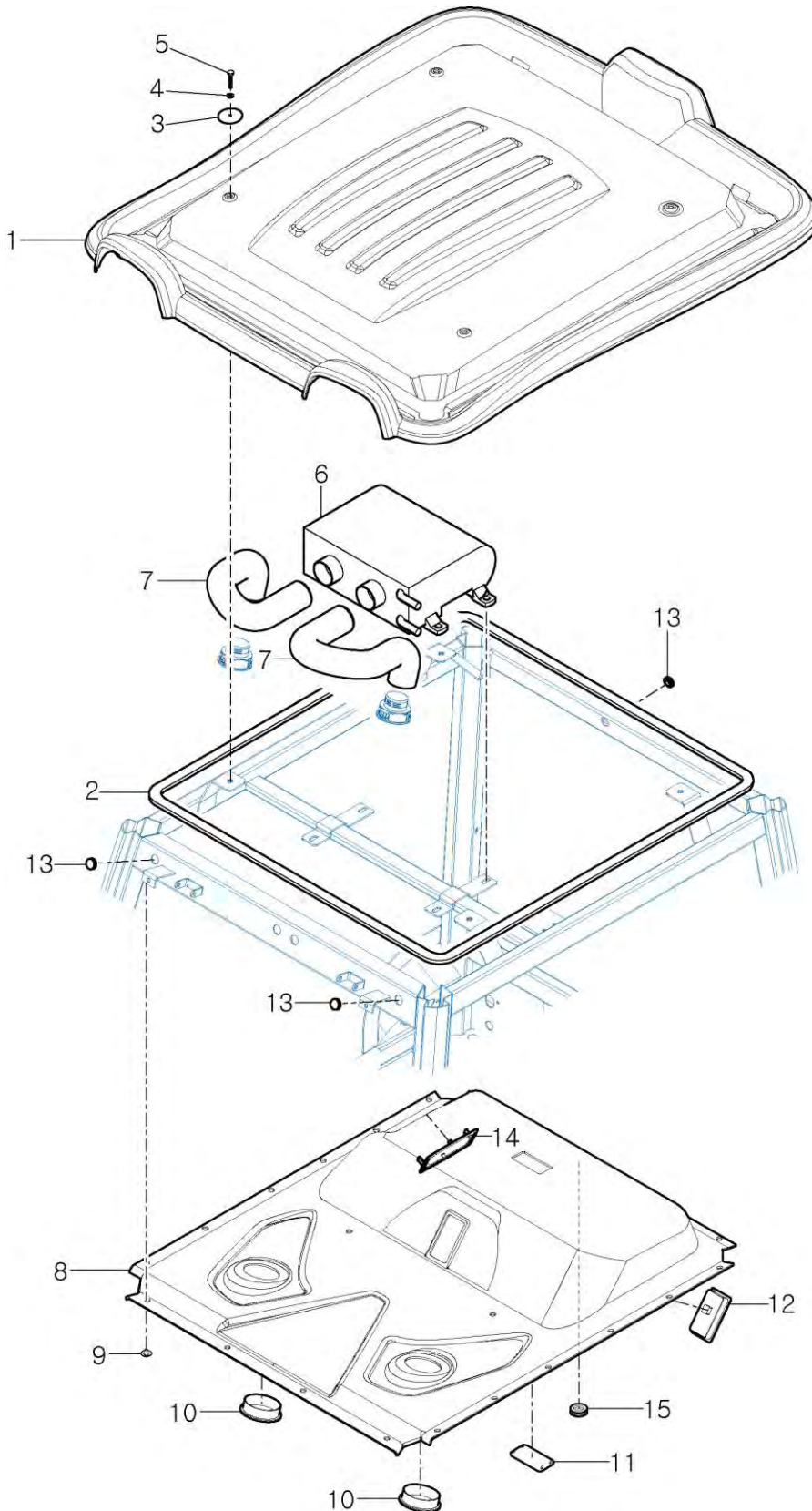
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NOTE

CABIN OPTION

FIG 712

WORKING LAMP & FENDER COVER

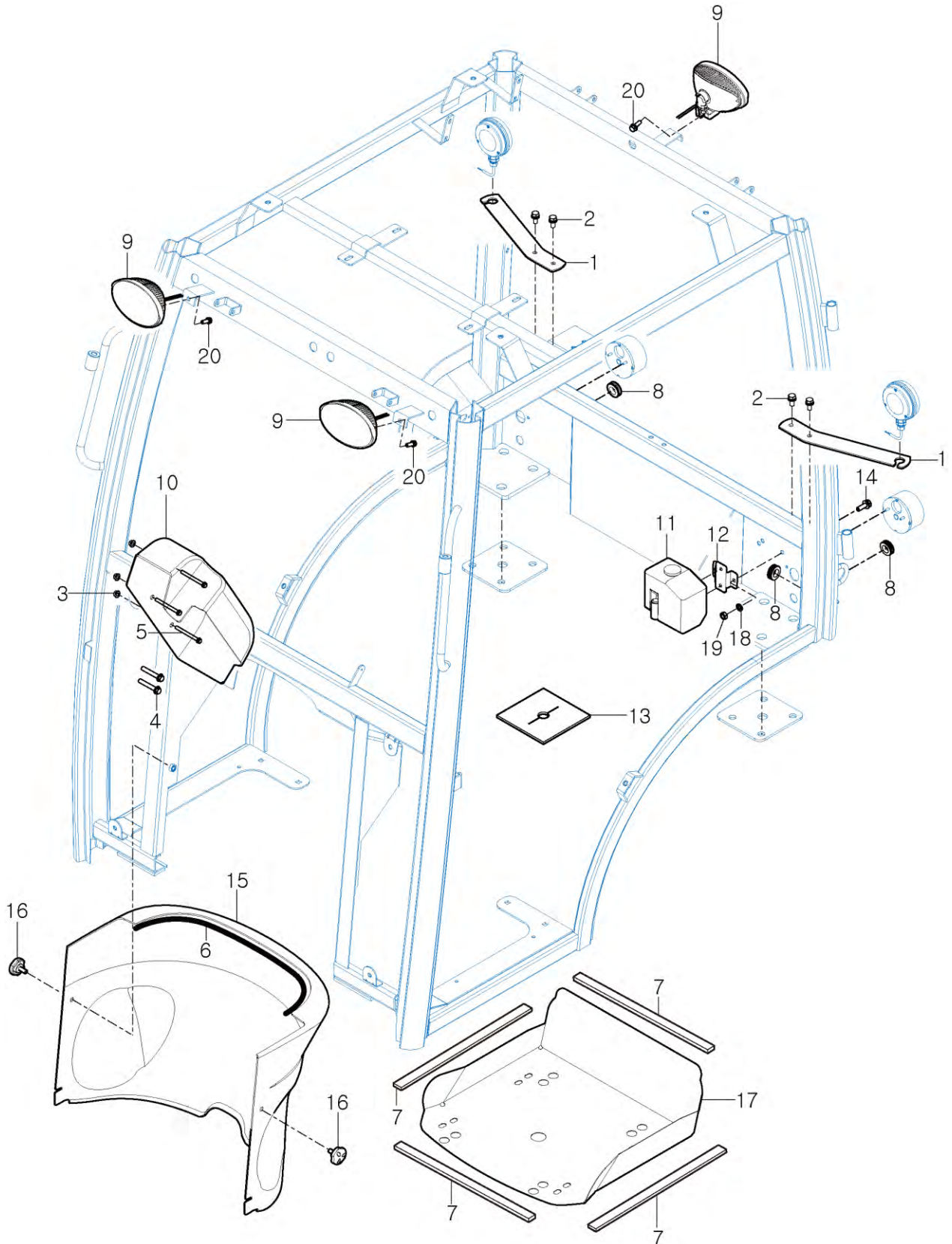
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NOTE

CABIN OPTION

FIG 713

HEATER SUB

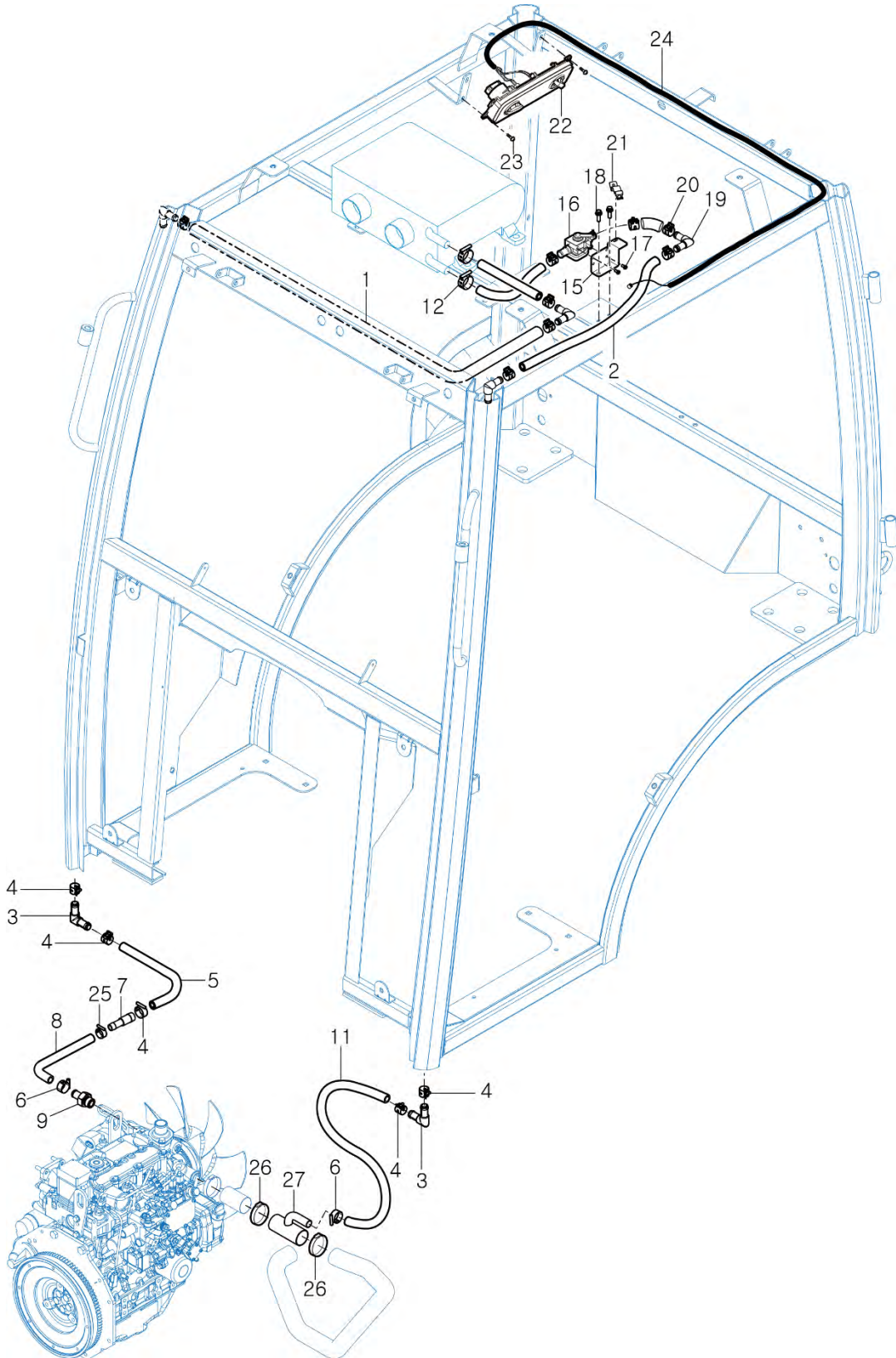
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NOTE

CABIN OPTION



FIG 714

CABIN HARNESS

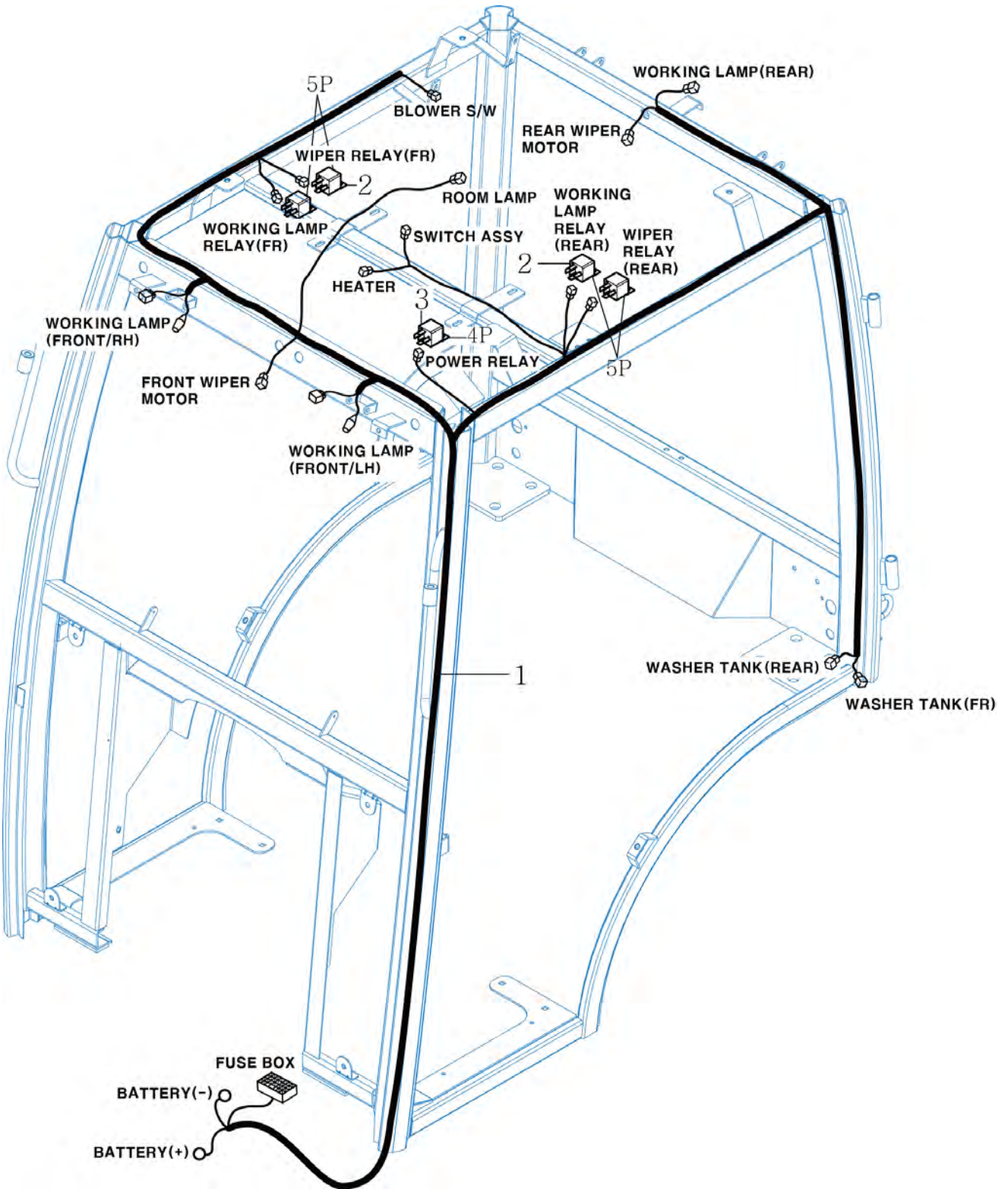
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NOTE

CABIN OPTION

# FIG 715

# REAR WIPER KIT(OPTION)

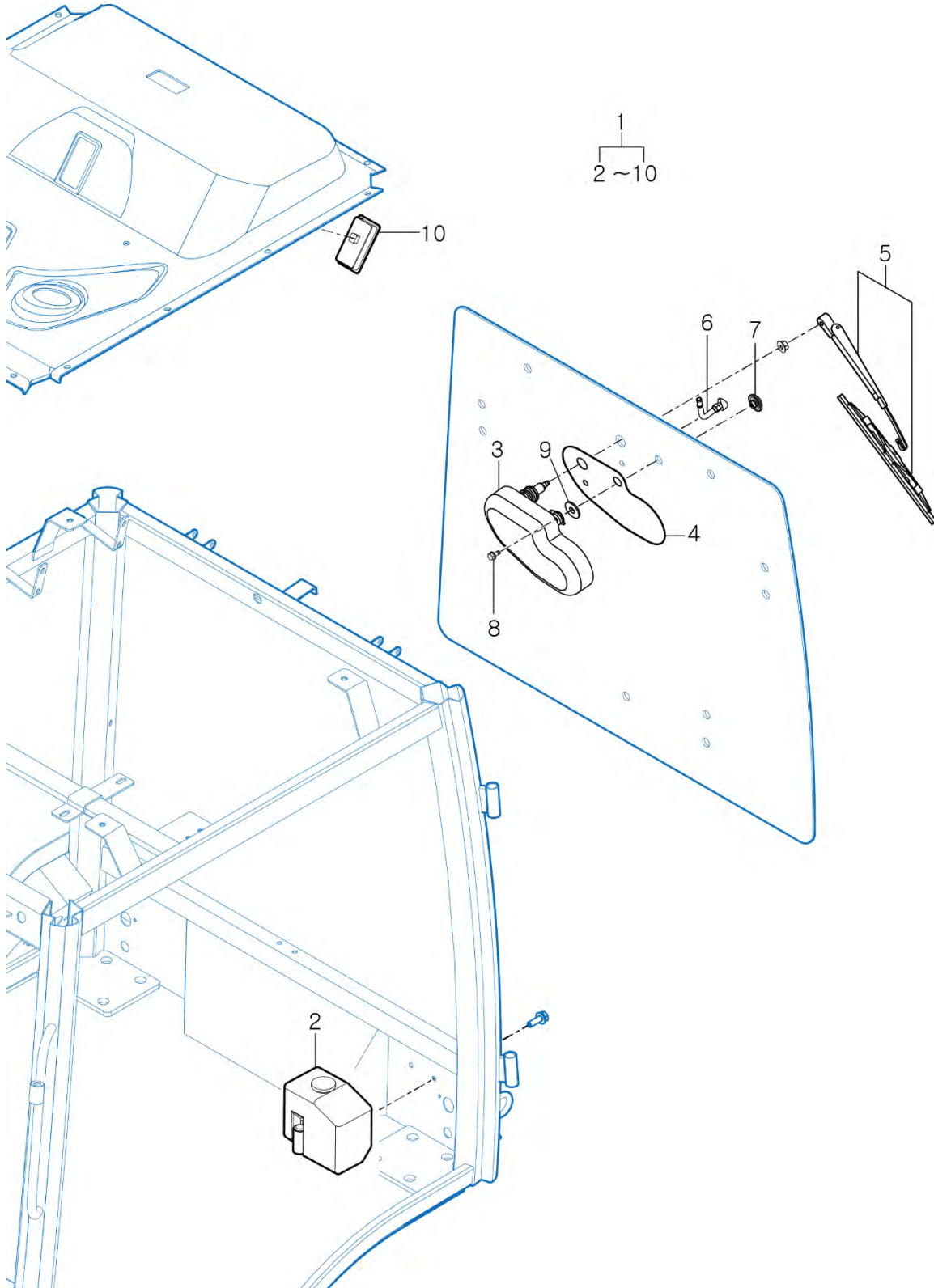
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NOTE

CABIN OPTION

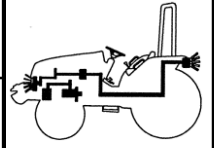
FIG 801

BATTERY MOUNTING

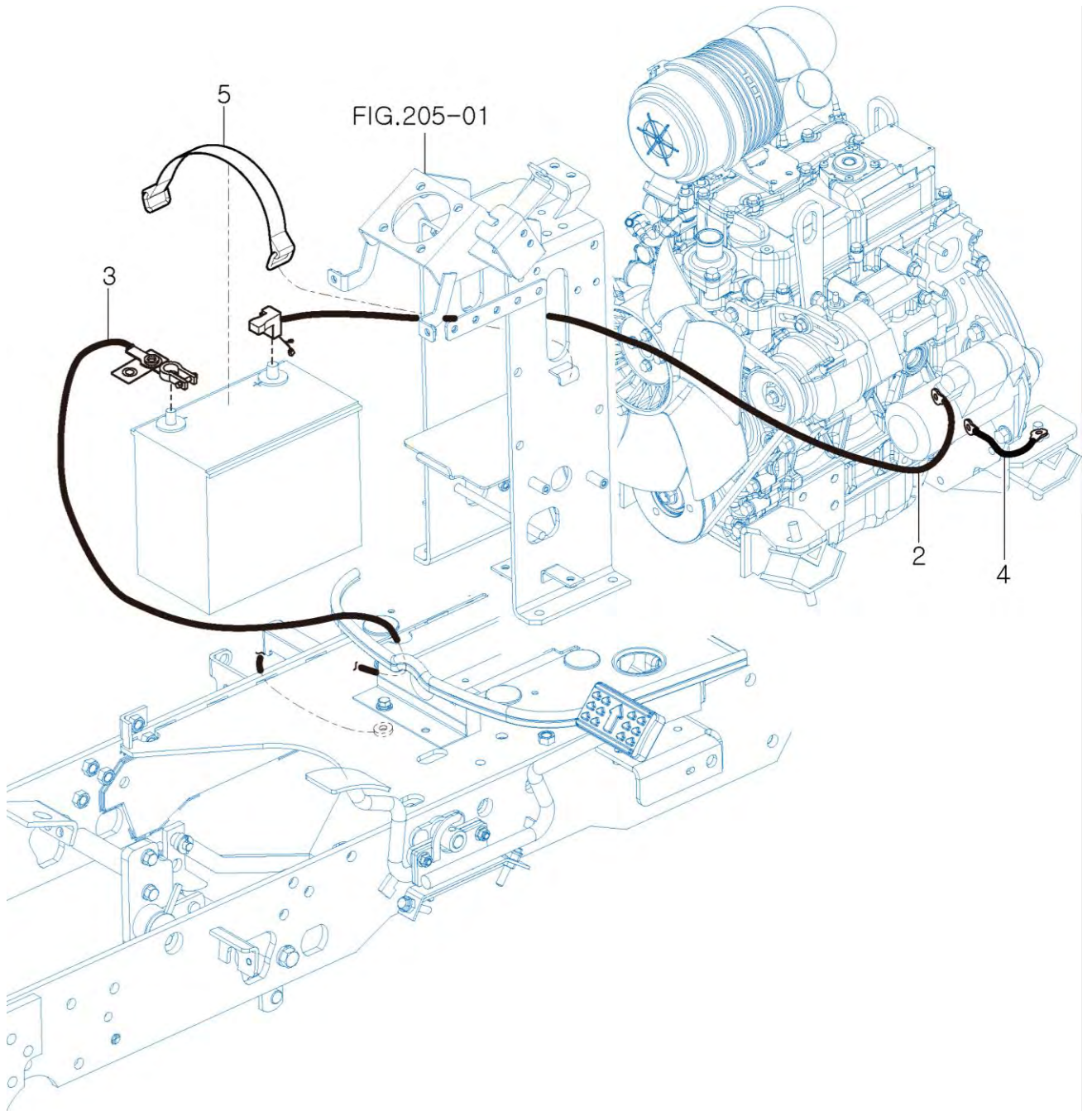
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NOTE

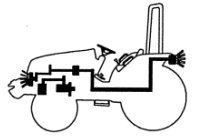
FIG 802

INSTRUMENT PANEL

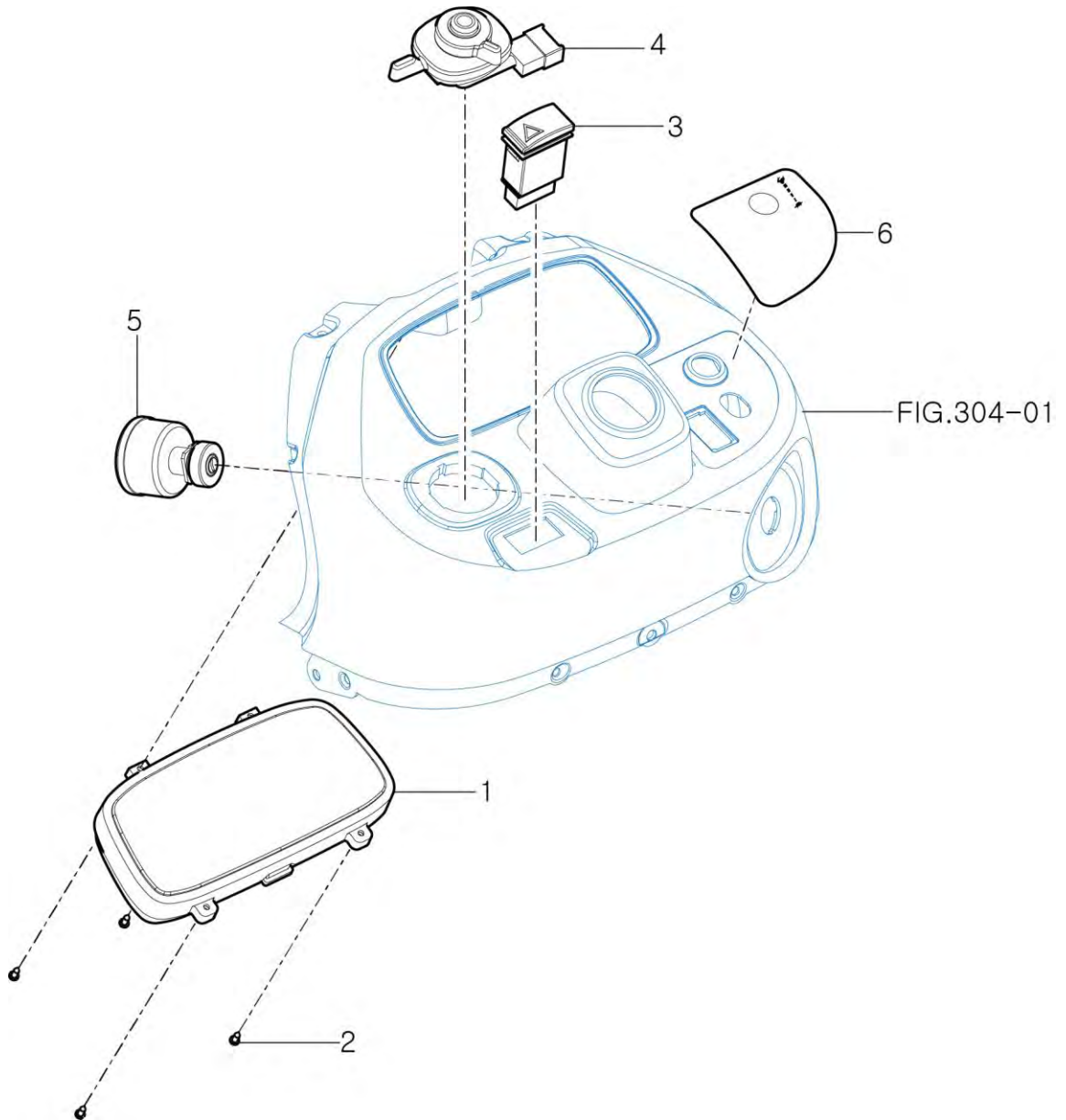
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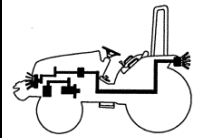
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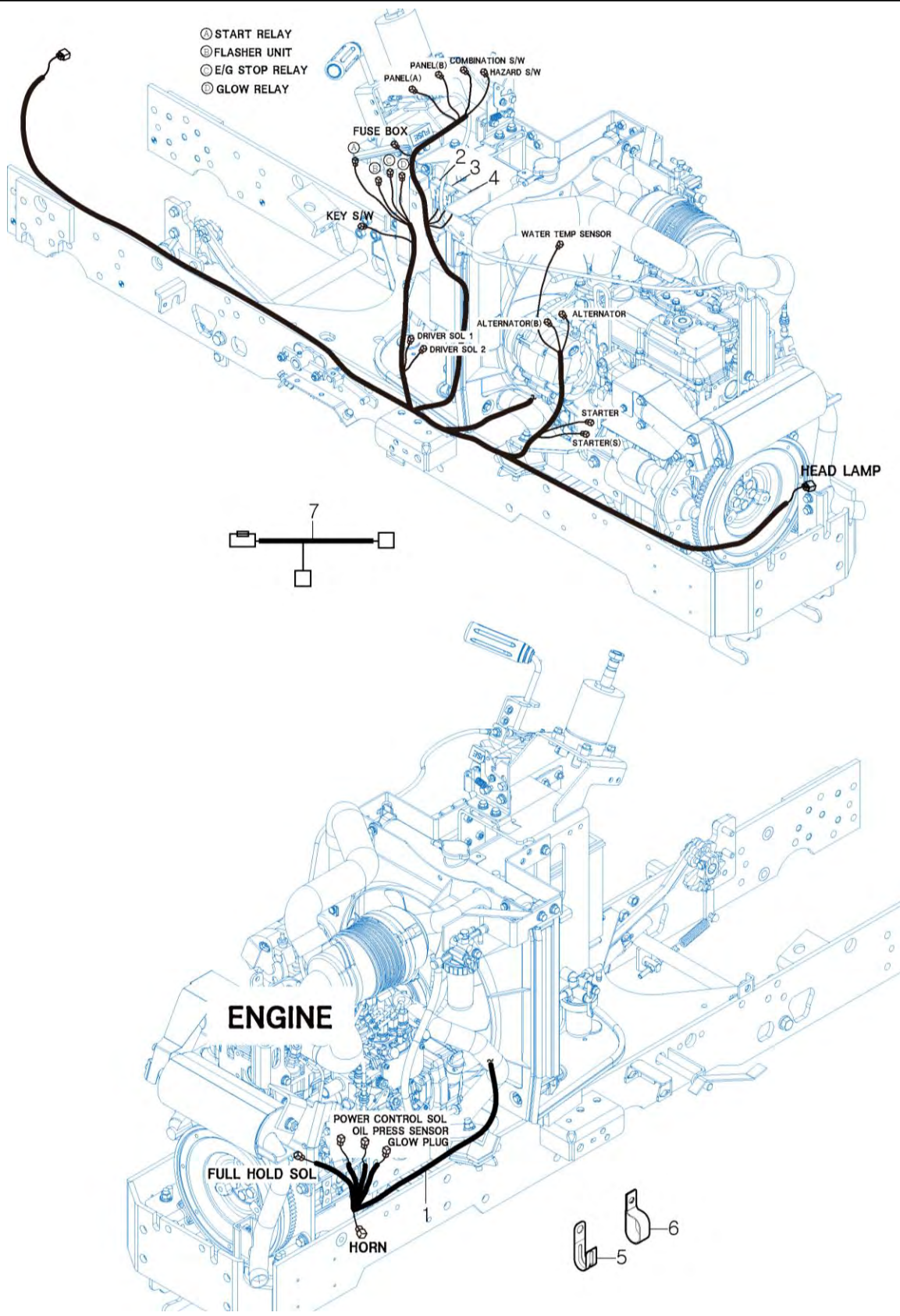
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NOTE



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NOTE

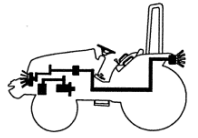
FIG 804

HARNESS(2)

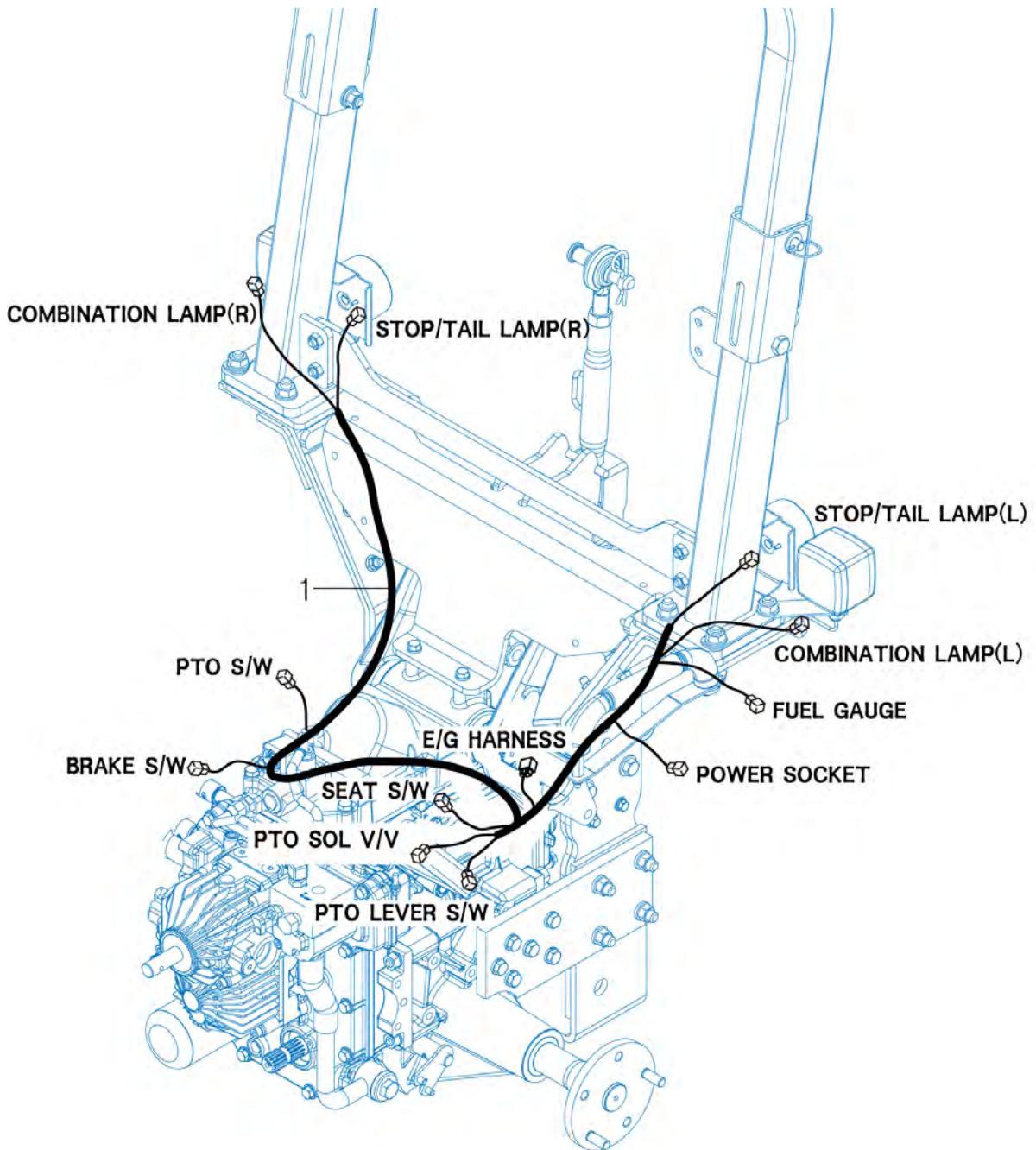
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NOTE

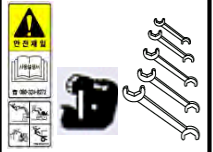
FIG 901

TOOL & ACCESSORY

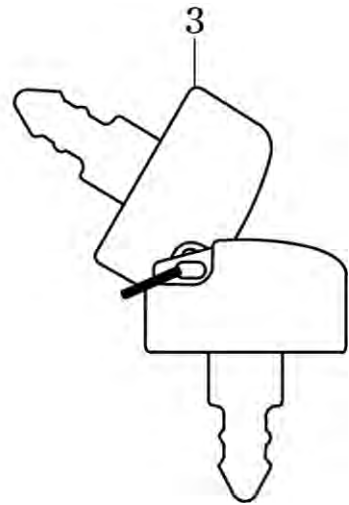
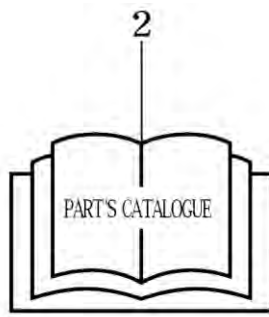
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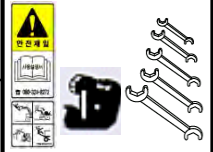
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NOTE



**PARKING BRAKE**

Press down the master brake pedal and lock the parking lever at the same time

2

**WARNING**

Always apply the park brake when parking. Failure to do so can cause accidents and damages.

3

**WARNING**

- Start engine only from operators seat. If safety start switch is by passed engine can start with transmission in gear.
- Do not connect or short across terminal on starter solenoid.
- Attach booster cables as shown on battery decal and operators manual.

Starting in gear causing runaway can result in serious injury.

4



31

**DANGER**

Do not ride except operator.

7

**WARNING**

Always fasten Your seat belt.

8

**WARNING**

Additions, alterations, cracking, damage or corrosion to this structure may adversely affect the performance of the ROPS.

18

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1

**DANGER**

This Tractor may tip over unexpectedly and quicker than an operator is able to jump free

- Never operate a tractor without a proper Roll over Protection Structure (ROPS)
- Always wear your seat belt when operating this tractor equipped with roll over protection
- Never pull from above or from the rear axle.
- Do not operate the tractor on steep slopes or near drop offs
- Avoid sharp high speed turns. Serious injury or death may result from tractor upsets.

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EPA REGULATION  
USE ULTRA LOW SULFUR FUEL ONLY

22

**WARNING**

Do not refuel the tractor while operating or near fuel tank. Always stop engine before refueling tractor.

23

**WARNING**

Do not use the accelerator lever except working on the field.

24



**WARNING**

Do not remove radiator cap while engine is hot. Hot steam will injure you!

9

**WARNING**

Always use the levers to lock when:

- Traveling on the road.
- Releasing blades on an implement.
- Making adjustment to an implement.

Sludden stopping of an implement can cause serious injury or death.

10

**WARNING**

Never use the diff-lock at high speed or on the road as this can cause rollover and injury.

11

**WARNING**

Operator's manual

13

**CAUTION**

Keep hands and clothing away from rotating fan and belts to prevent serious injury.

12

**WARNING**

Do not touch while the system is hot. It cause serious burns.

15

**HOT**

14

**WARNING**

Do not touch while the system is hot. It cause serious burns.

17

**5 YEAR Limited Warranty**

32

**WARNING**

Attach implements and trailers to the tractor only using the prescribed draw-bar or hitch.

28

**DANGER**

Rotating driveline contact can cause death. KEEP AWAY! Keep all drive line, tractor and equipment shields in place during operation.

29





# FIG 905

# AUXILIARY VALVE KIT(OPTION)

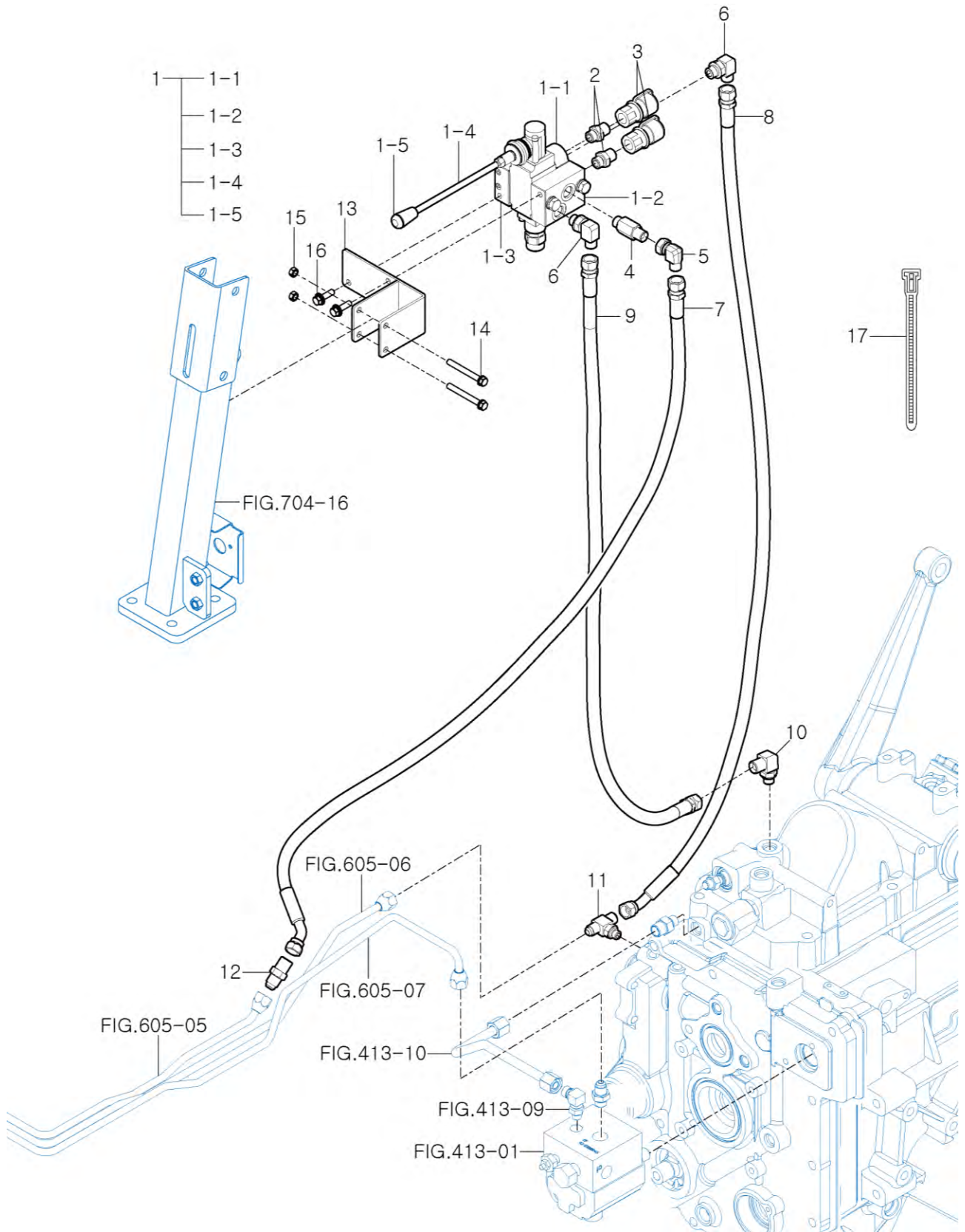
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NOTE