

9414

A



**UNITED
TECHNOLOGIES**
DIESEL SYSTEMS

PUMP ROTATION:

Clockwise

FIRING ORDER:

1-5-3-6-2-4

MOUNTING:

L.H.

SPECIAL FEATURES:

Vertical Bowden Wire Shut-off, Puff Limiter Excess Fuel Device, Dual Range Intravance® Camshaft Assy

INTERNATIONAL HARVESTER

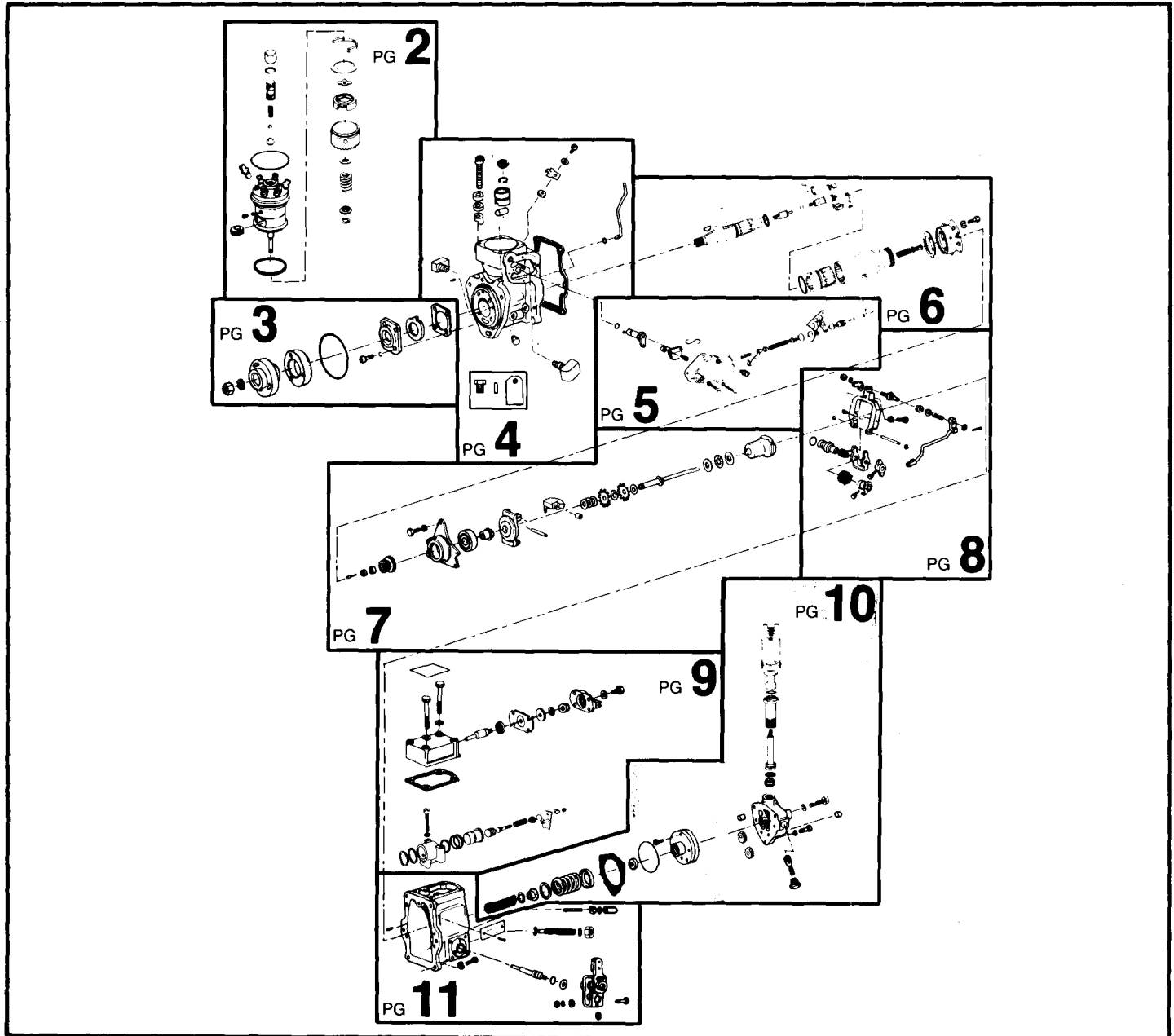
100 6A 100A 9414

Special Information:

SERVICE PARTS

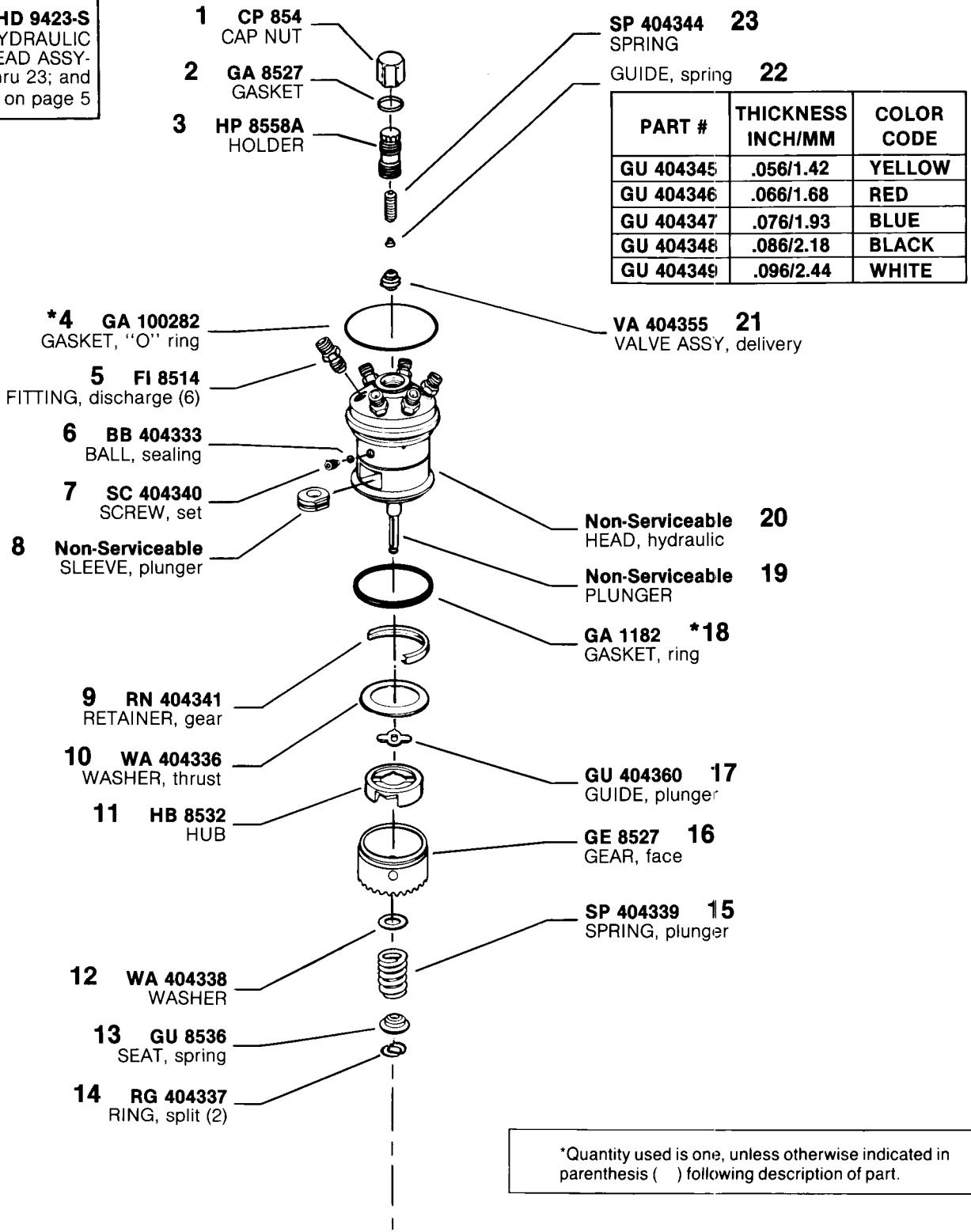
Following are all parts, part numbers, pump codes and calibrations for the *Model: 100 6A 100A 9414*. The exploded view drawing below is detailed with part

numbers listed on the pages indicated. Refer to the Index Section for explanations of codes and abbreviations.



MODEL 100 6A 100A 9414

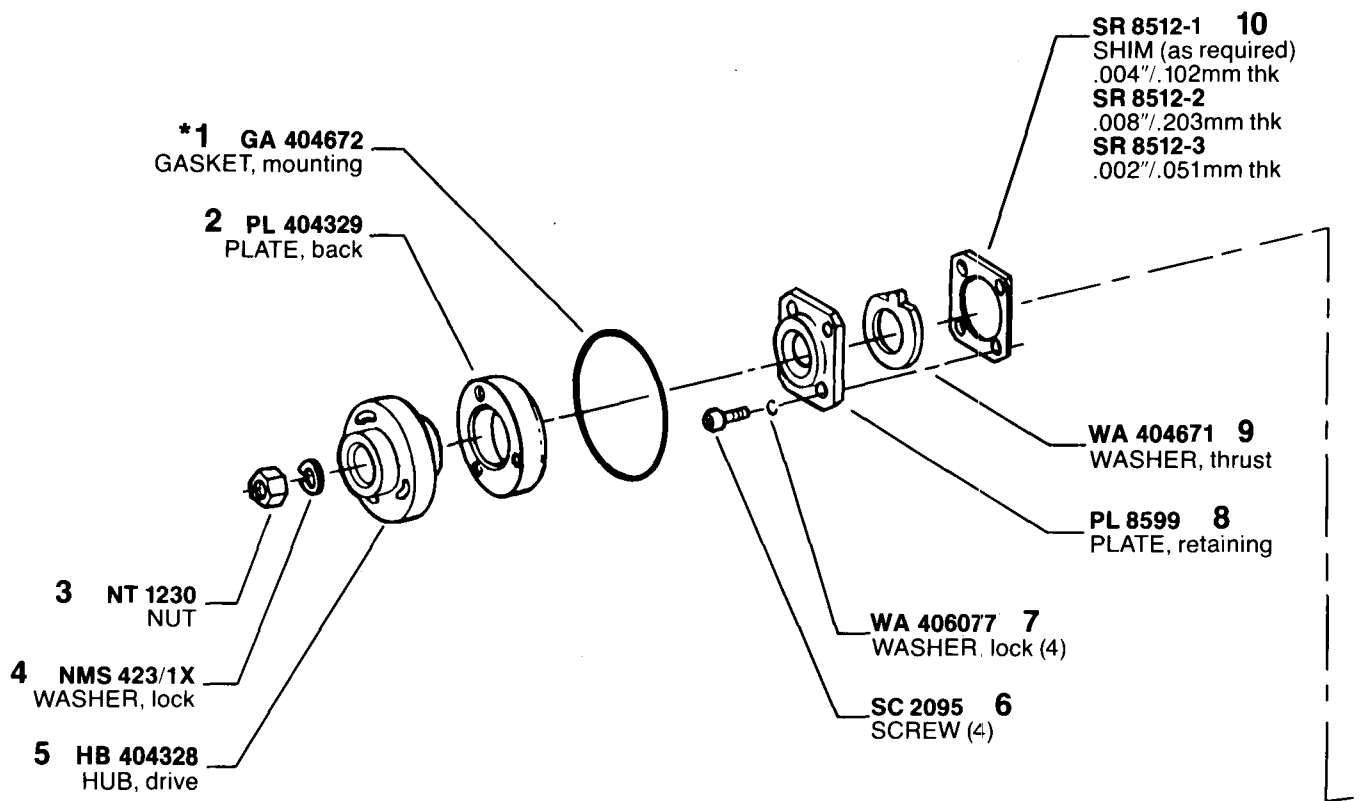
ASSY HD 9423-S
10MM HYDRAULIC
HEAD ASSY-
including 1 thru 23; and
3 on page 5



*Quantity used is one, unless otherwise indicated in parenthesis () following description of part.

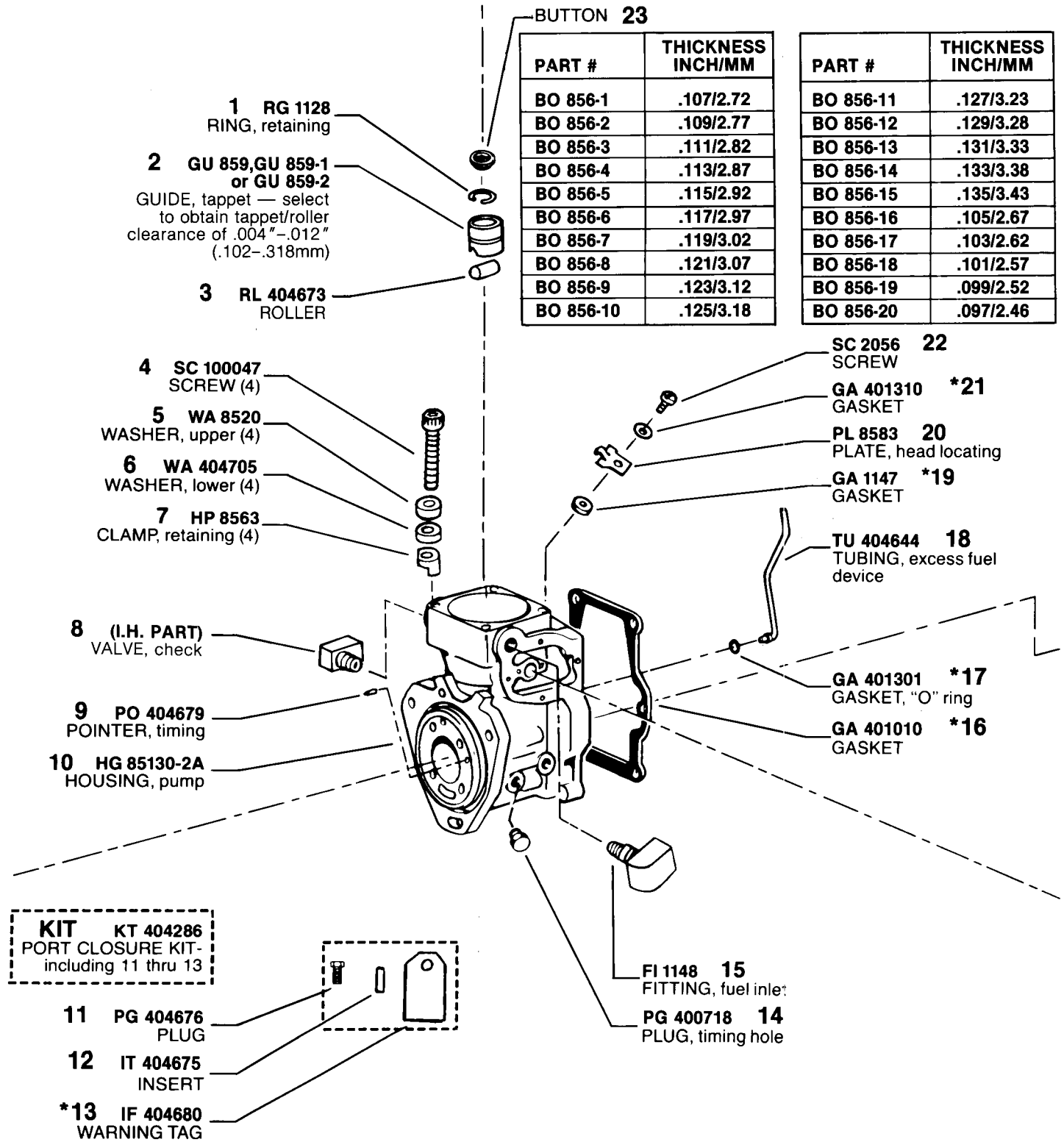
MODEL 100 6A 100A 9414

*Denotes parts in Repair Gasket Kit, KT 85195.



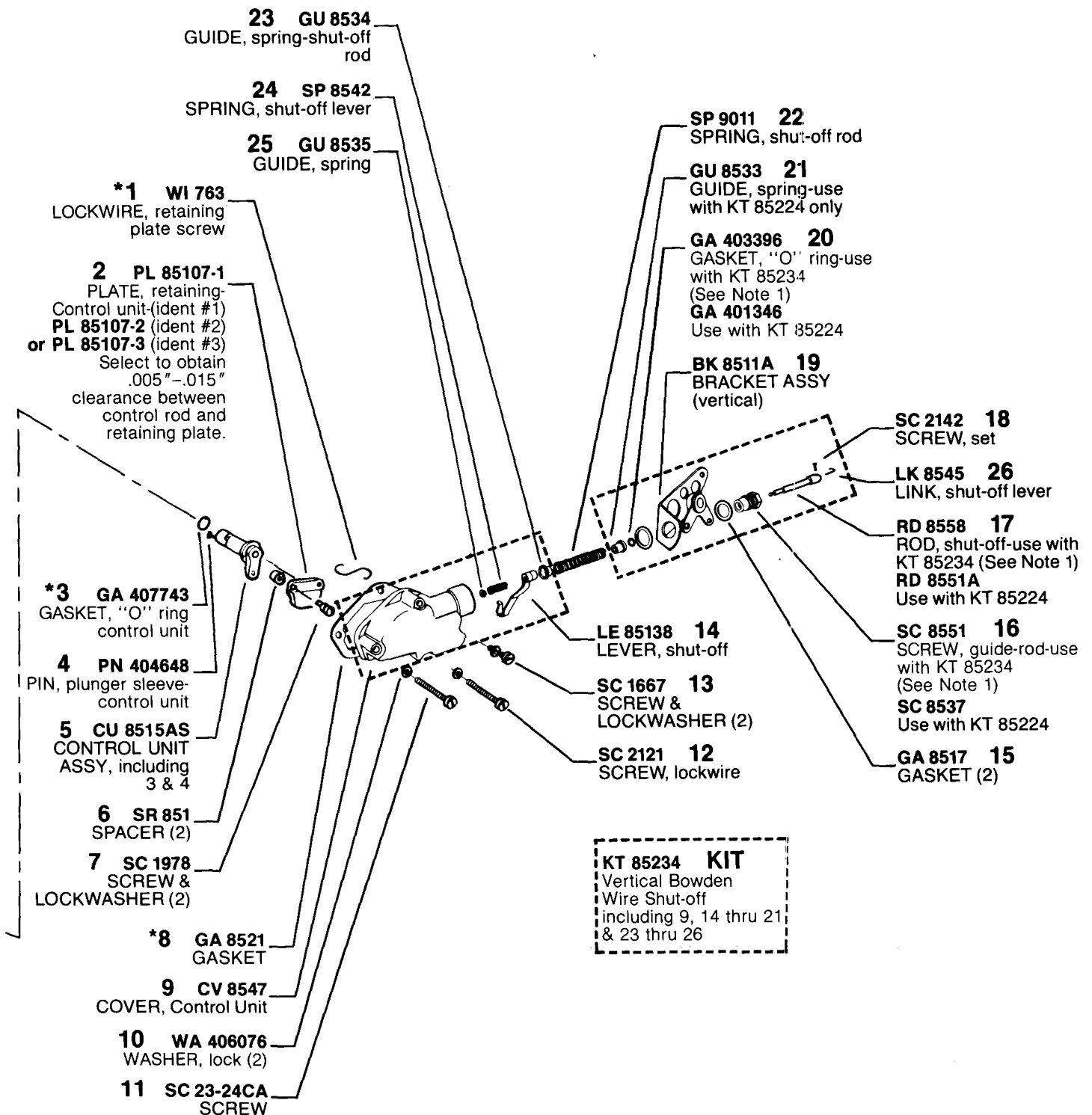
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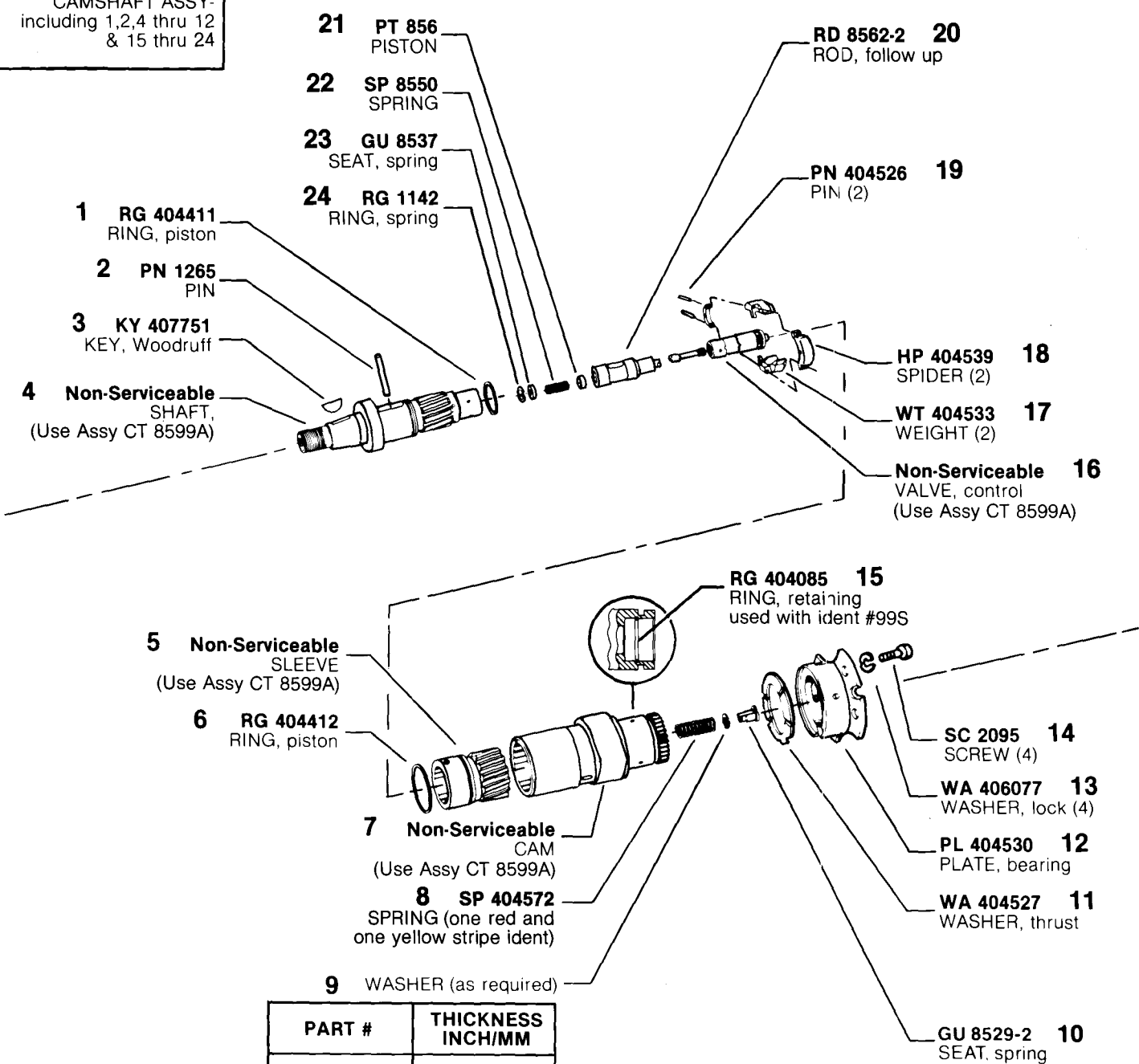
*Denotes parts in Repair Gasket Kit, KT 85195.



NOTE: 1. Bowden Wire shut-off rod RD 8558 (17), screw SC 8551 (16) and "O" ring GA 403396 (20) must be used together since rod diameter is larger. Spring seat GU 8533 (21) not needed when these parts are used.

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ASSY CT 8599A
INTRAVANCE®
CAMSHAFT ASSY-
including 1,2,4 thru 12
& 15 thru 24

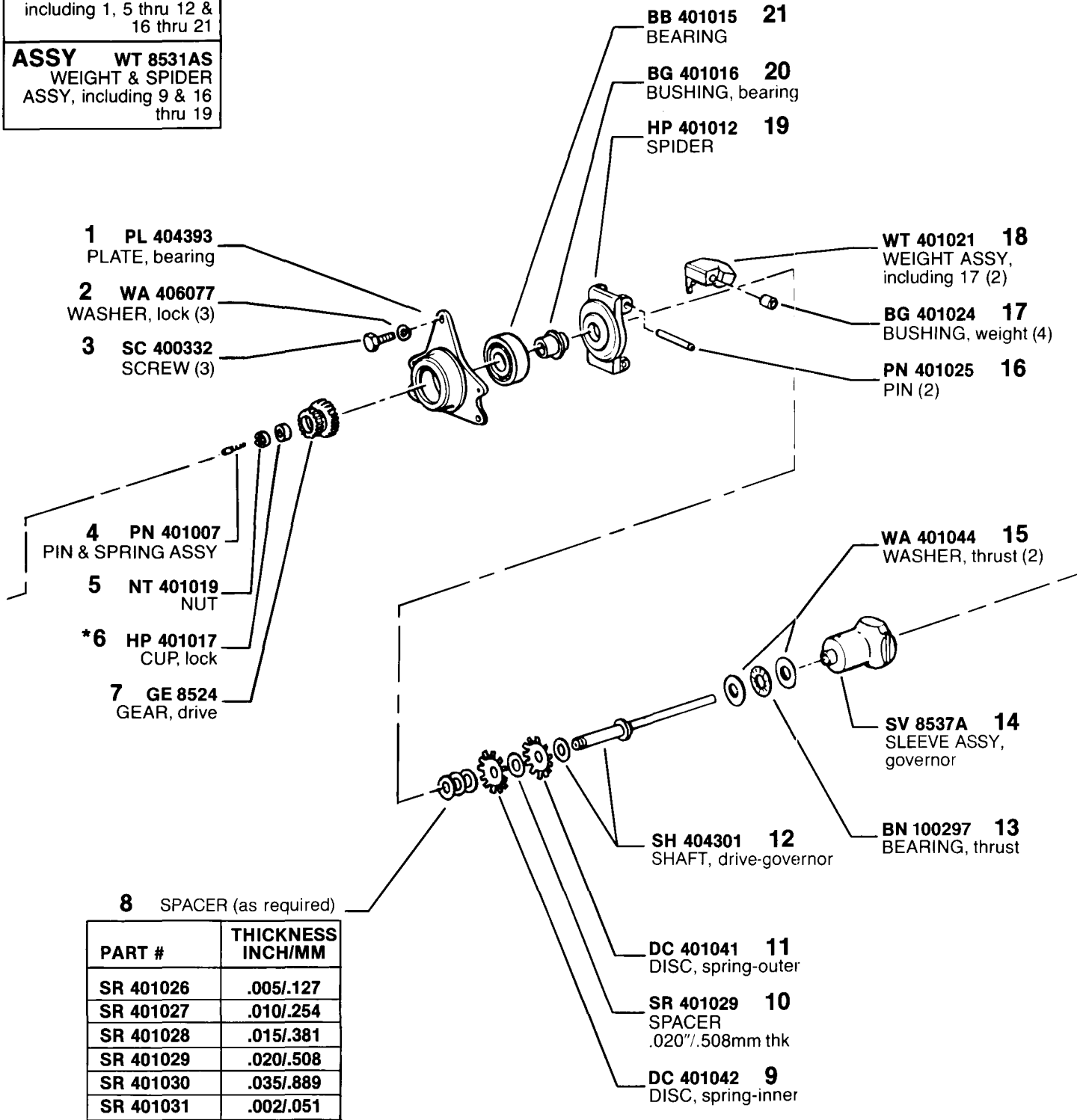


PART #	THICKNESS INCH/MM
WA 404540	.010/.254
WA 404541	.015/.381
WA 404542	.040/1.02
WA 404543	.060/1.52
WA 404544	.004/.102

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ASSY WT 8535A
WEIGHT & SHAFT-
including 1, 5 thru 12 &
16 thru 21

ASSY WT 8531AS
WEIGHT & SPIDER
ASSY, including 9 & 16
thru 19

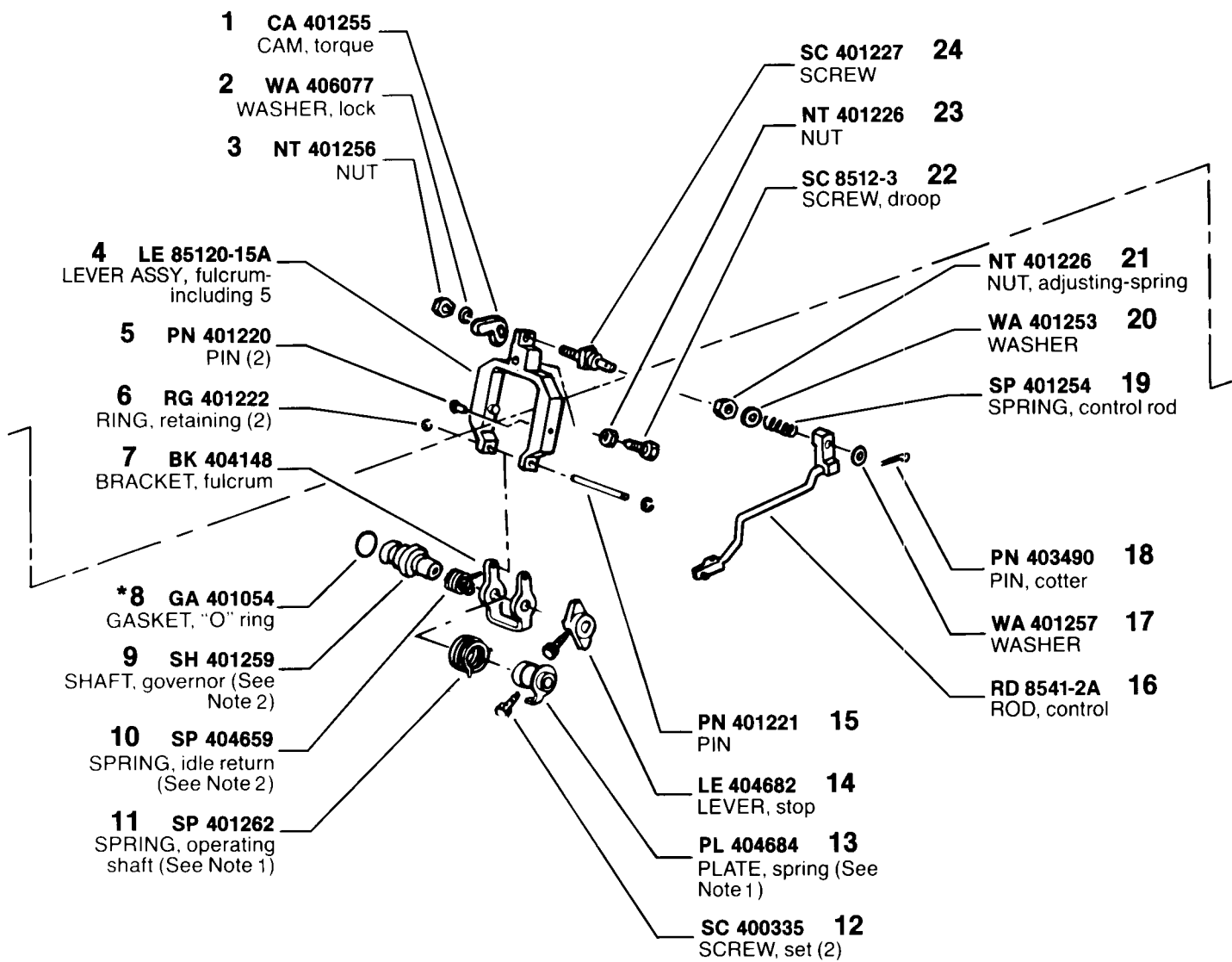


PART #	THICKNESS INCH/MM
SR 401026	.005/.127
SR 401027	.010/.254
SR 401028	.015/.381
SR 401029	.020/.508
SR 401030	.035/.889
SR 401031	.002/.051

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ASSY LE 85139-3A
LEVER & ROD,
fulcrum-including 1
thru 7, 15 thru 21 & 24



NOTE 1: If operating shaft spring has red or yellow band, replace spring (11) and spring plate (13).

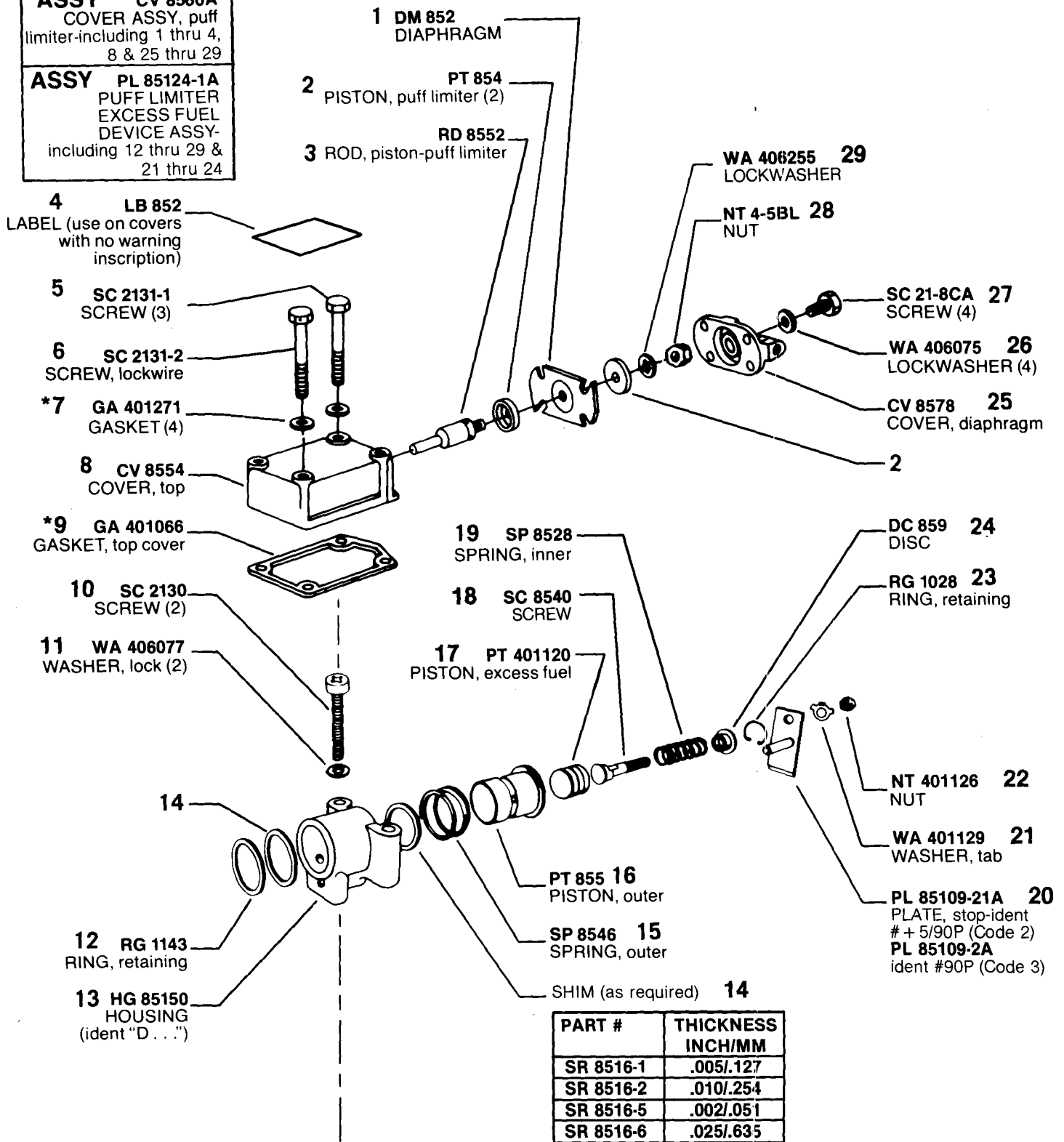
NOTE 2: When replacing governor shaft (9) or governor operating shaft (5 on page 11), see if governor has idle return spring (10). If not, replace governor and operating shafts with SH 85153A which includes 9, 10; and 5 on page 11.

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ASSY CV 8560A
COVER ASSY, puff limiter-including 1 thru 4, 8 & 25 thru 29

ASSY PL 85124-1A
PUFF LIMITER EXCESS FUEL DEVICE ASSY-including 12 thru 29 & 21 thru 24



PART #	THICKNESS INCH/MM
SR 8516-1	.005/1.27
SR 8516-2	.010/2.54
SR 8516-5	.002/0.51
SR 8516-6	.025/6.35
SR 8616-7	.050/1.27

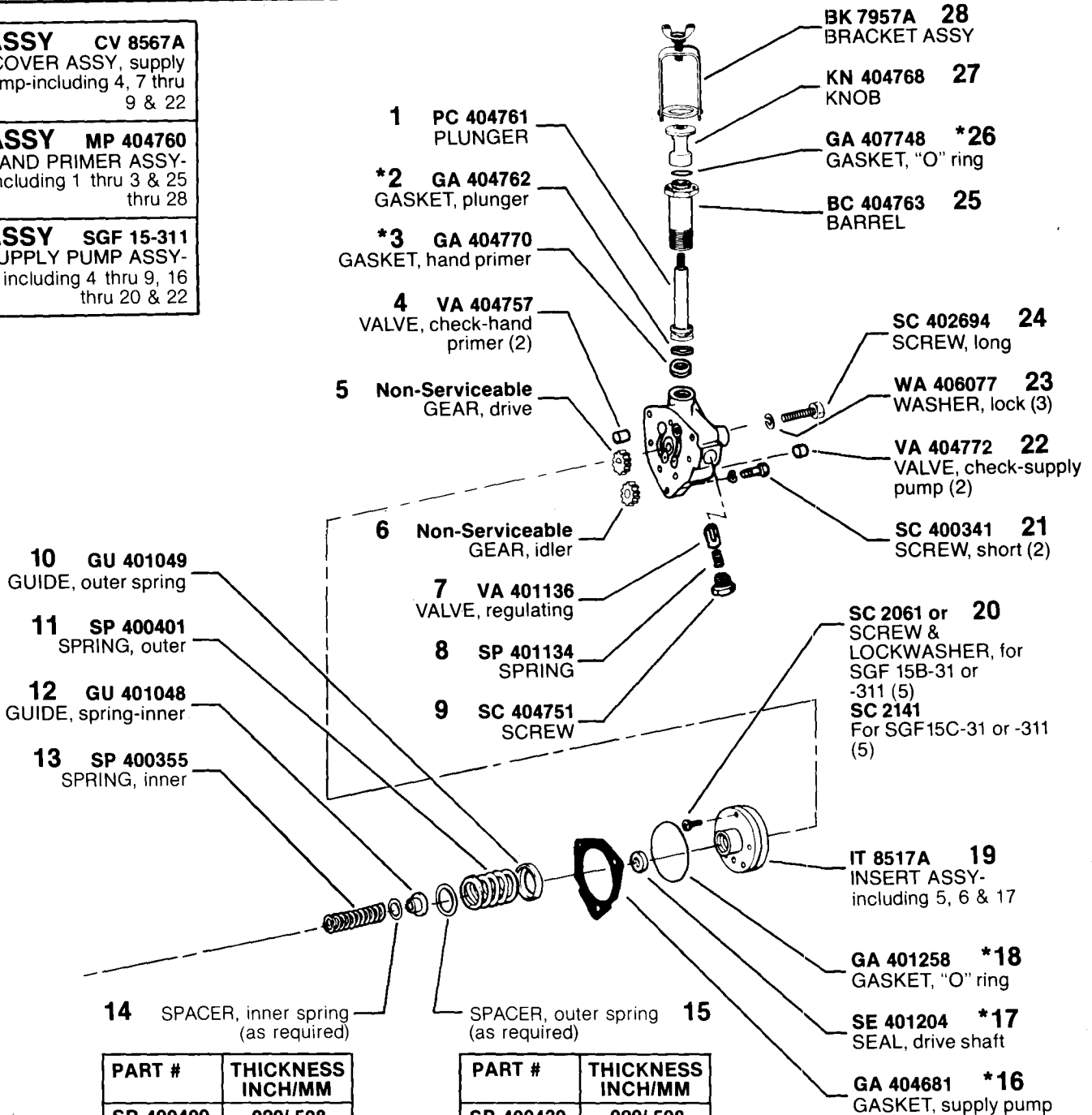
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ASSY CV 8567A
COVER ASSY, supply pump-including 4, 7 thru 9 & 22

ASSY MP 404760
HAND PRIMER ASSY-including 1 thru 3 & 25 thru 28

ASSY SGF 15-311
SUPPLY PUMP ASSY-including 4 thru 9, 16 thru 20 & 22

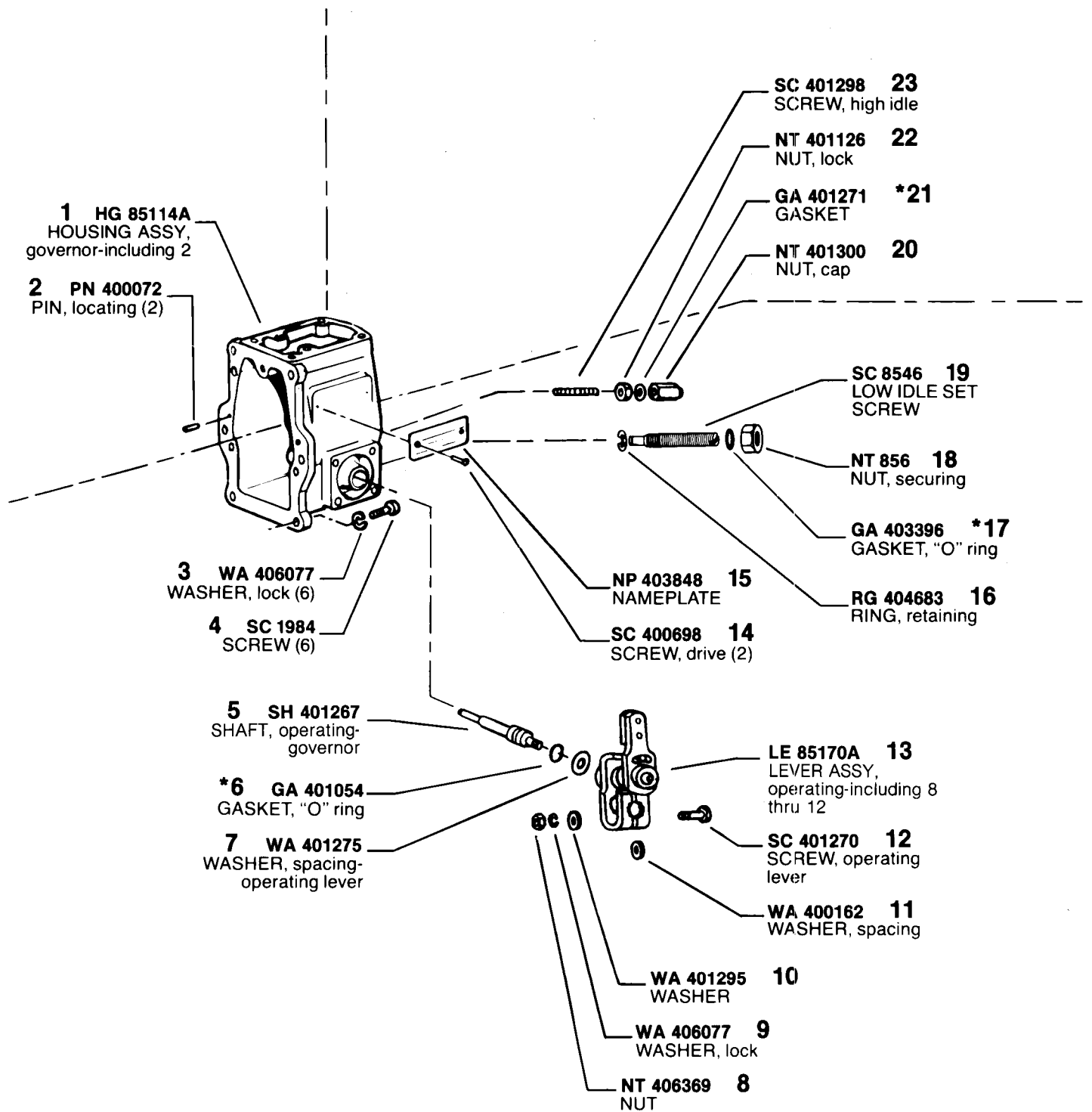


PART #	THICKNESS INCH/MM
SR 400409	.020/.508
SR 400410	.042/1.07
SR 400411	.058/1.47
SR 400412	.083/2.11
SR 400413	.177/4.50
SR 400414	.276/7.01
SR 400415	.010/.254
SR 400416	.005/.127

PART #	THICKNESS INCH/MM
SR 400439	.020/.508
SR 400440	.042/1.07
SR 400441	.058/1.47
SR 400442	.083/2.11
SR 400443	.156/3.96
SR 400444	.030/.762
SR 400445	.010/.254

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