

作成承認印

配布許可印



AF-S Nikkor 500mm f/4 D IF

REPAIR MANUAL

Nikon | NIKON CORPORATION
Tokyo, Japan

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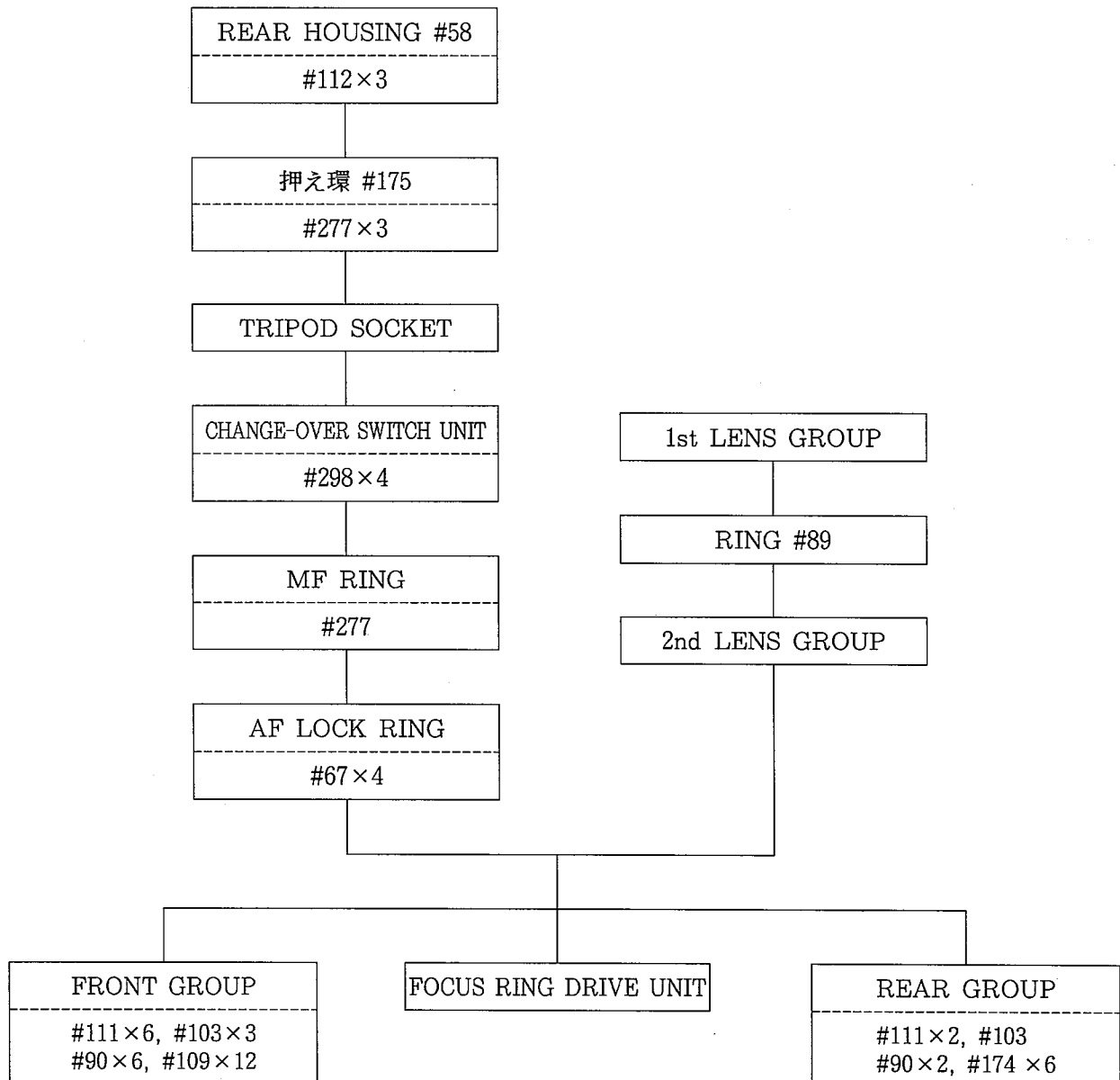
DISASSEMBLING/ASSEMBLING/ADJUSTMENT

Note : This applicable lens has the same structure except the external forms and partially arranged unique structures maintained on AF-S300/2.8D (JAA33351) and on AF-S600/4D (JAA52251).

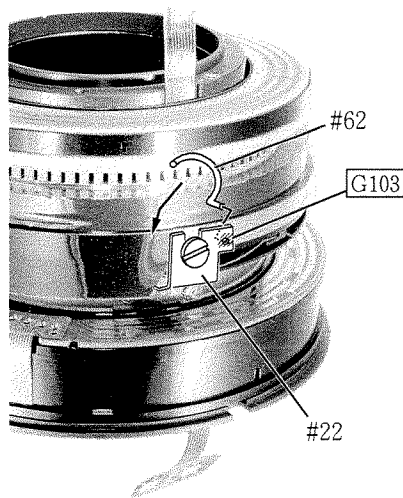
The following chart shows the final three divisions which are to become the fundamental structure of the lens.

For further disassembly and assembly cases, please refer to its expanded drawing or the repair manual for JAA33351 or JAA52251.

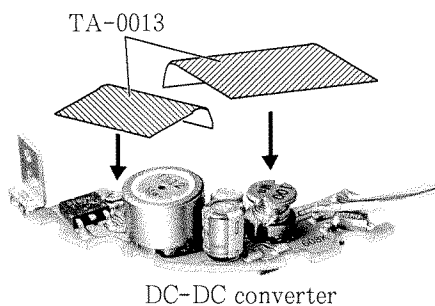
In addition, for some different manners in its operation and criteria in numerical values, the following pages cover.



※The different operational areas from what are stated in the repair manual for AF-S300 and 600mm



- After fixing #62, in the purpose of slippage prevention, perform an attachment procedure as shown left-sided.



- Attach the tape TA-0013 on the DC-DC converter.

(Criteria for adjusting the aperture diameter)

Aperture setting	Inscribed circle diameter (mm)	Allowable range (mm)
4	3 9. 5 0	4 3. 5 1 ~ 3 7. 3 1
5. 6	2 8. 3 1	3 1. 7 8 ~ 2 5. 2 2
8	1 9. 9 8	2 2. 4 3 ~ 1 7. 8 0
1 1	1 4. 0 2	1 6. 3 5 ~ 1 2. 0 2
1 6	9. 9 3	1 1. 5 8 ~ 8. 5 0
2 2	7. 0 2	8. 1 9 ~ 6. 0 2

- The adjustment procedure taken for the other AF-S lenses shall be applied as well.

HOW TO ADJUST THE MAIN FPC

- Since its initially produced lens, CPUs with its version 5.01 or up have been mounted. Hence, due to its adjustment process which differs from the conventional one, perform the adjustment in accordance with the repair manuals for any other types of AF-S lenses. Then, refer to the check column for the main FPC adjustment applicable for the CPU version 5.01 or for the ups.

Scanning speed value after adjustment of oscillation circuit : 4.008 ± 0.2 V (18.5 ± 0.92 rpm)

Note : The scanning speed value under its adjustment should be the same maintained on AF-S 300 and 600 models.