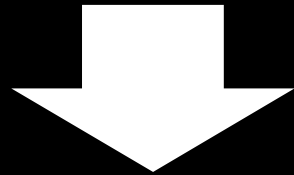


SUPERFORMANCE GT40

Parking Brake Conversion

Part 1 of 3

Stock Drum Brake



Mechanical Brake Caliper

Disclaimer

Note:

The following work is performed on the brake system of my car. All the work was performed with needed accuracy and discipline! Materials have been carefully chosen, bolt torque was applied according to specification.

The entire setup worked well on my car. There is no guarantee that the same setup fits and/or works on any other car.

Caution:

The force to actuate the mechanical caliper compared to the stock drum brake is significantly higher! The function of the parking brake is given.

I might investigate that topic in the future.

Rick Muck- Mark IV: „Keep in mind that a mechanical parking brake on a disc caliper requires a LOT of force to actuate. The SPF system may not be capable of the leverage needed to work.....“

<http://www.gt40s.com/forum/superformance-gt40s/29277-show-me-your-emergency-hand-brake-calipers.html#post269623>

Needed Parts

Part	Quantity	Description
Brake Caliper	1	Left Hand
Brake Caliper	1	Right Hand
Adapter Plate	1	Left Hand
Adapter Plate	1	Right Hand
Bolts (Adapter Plate to Upright)	4	Hex M10 x 30, Grade 10.9
Bolts (Caliper to Adapter Plate)	2	Hex M10 x 77, Grade 10.9
Bolts (Caliper to Adapter Plate)	2	Hex socket head cap M8 x 62, Grade 10.9
Bolts (Replacment Brake Disc)	16	5/16" UNF x 1"
Nuts (Replacment Brake Disc)	16	5/16" UNF
Locking rings (Replacment Brake Disc)	16	5/16"

Needed Parts > Caliper AP CP4186-11 = Brembo



Needed Parts > Caliper AP CP4186-11 = Brembo

P/N 22.5882.11/21

HANDBRAKE CALIPER



TYPICAL APPLICATION

MOUNTING INFORMATION

Trailing

RH **22.5882.12**

LH **22.5882.11**

Leading

RH **22.5882.12**

LH **22.5882.11**



TECHNICAL SPECIFICATION

Piston Size [mm] **36**

Piston Area [cm²] **20.35**

Pad Area [cm²] **26**

Pad Thickness [mm] **10**

Pad Family

Disc Thickness [mm] **26 - 32**

Hydraulic Threads **M10x1**

Mounting Hole Center [mm] **92**

Mounting Offset [mm]

Mounting Hole Dia. [mm]

Caliper Body

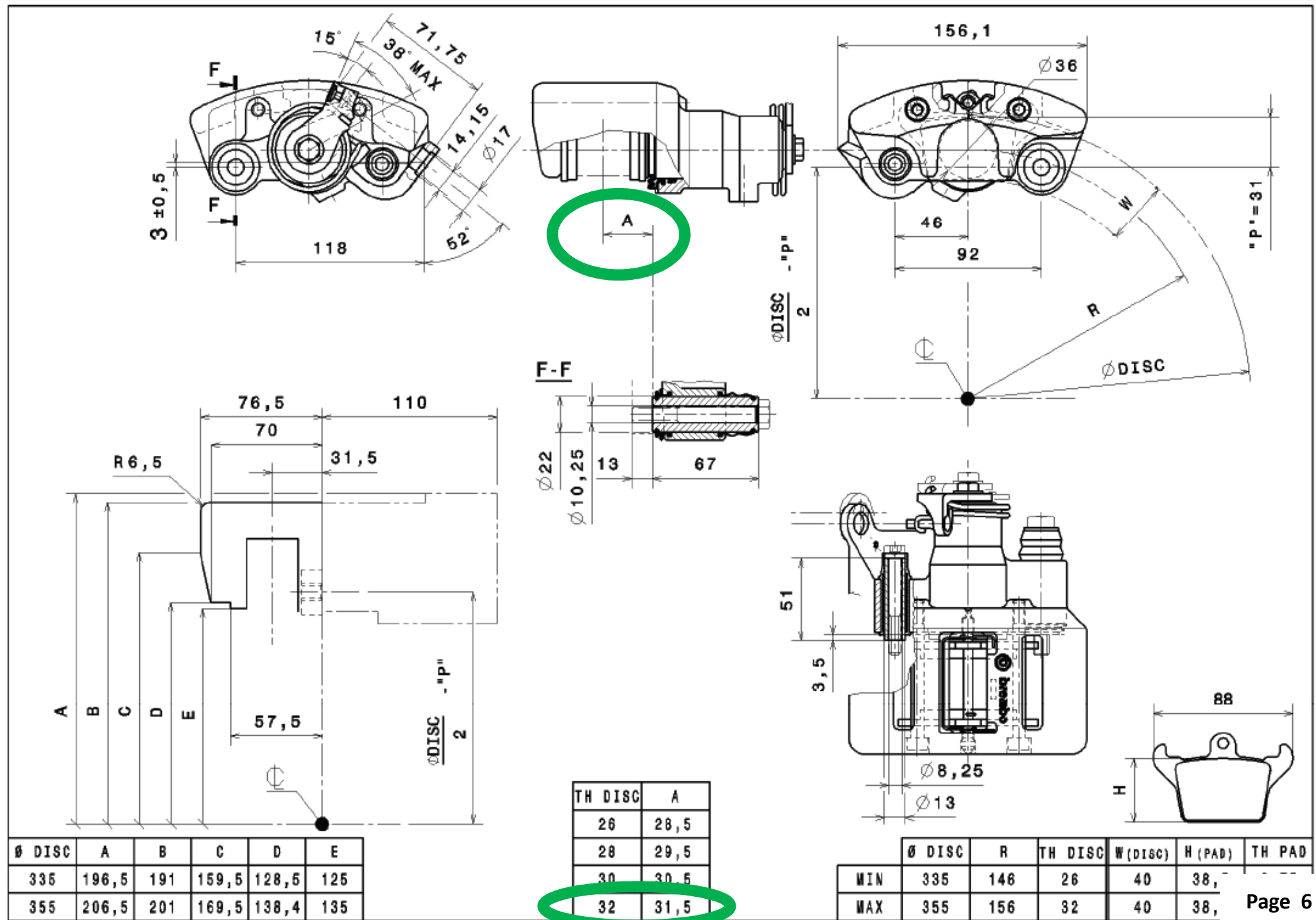
Caliper Material

Piston Insert

Weight [Kg]

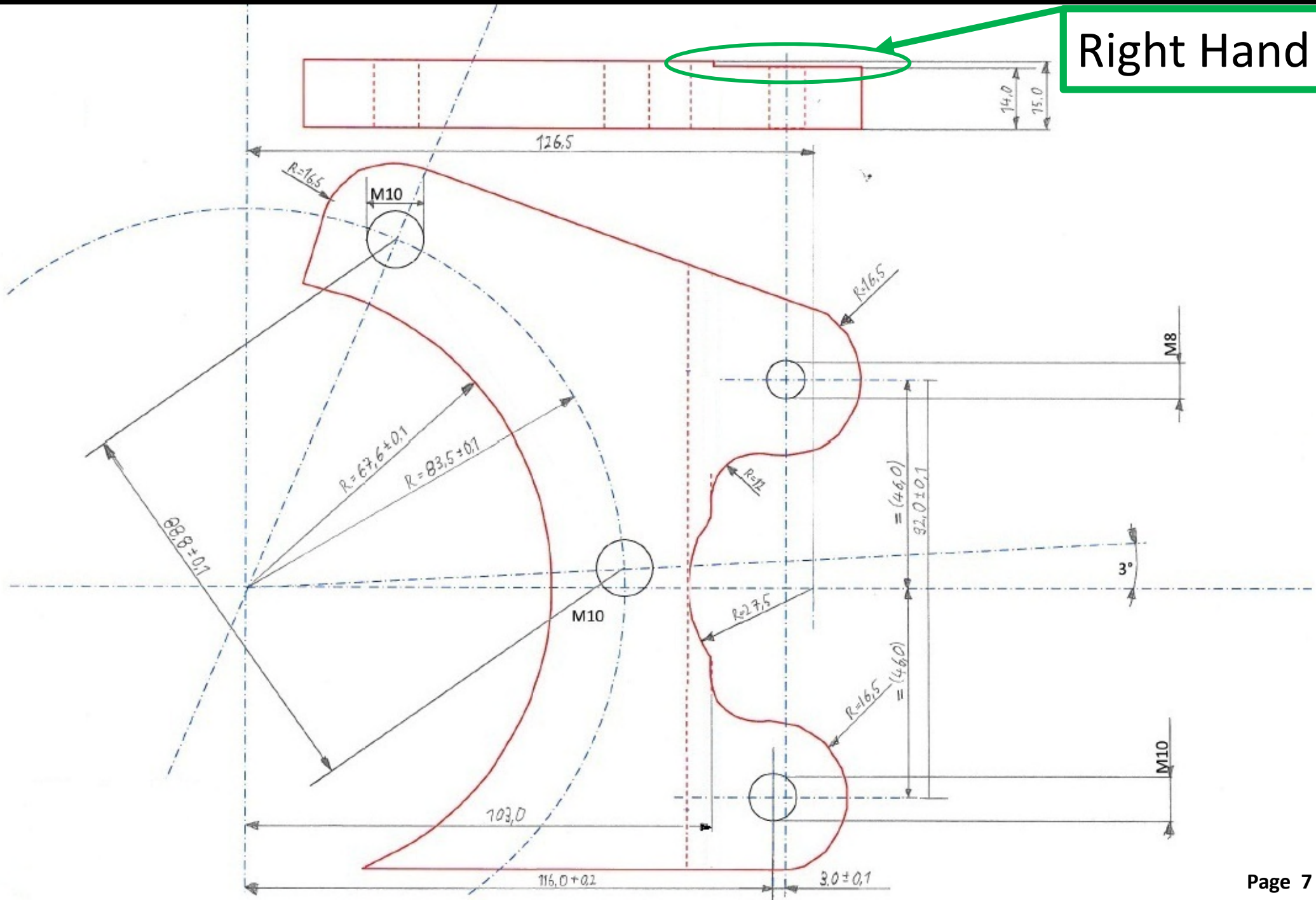
Fluid Capacity **20.35**

Needed Parts > Caliper AP CP4186-11 = Brembo

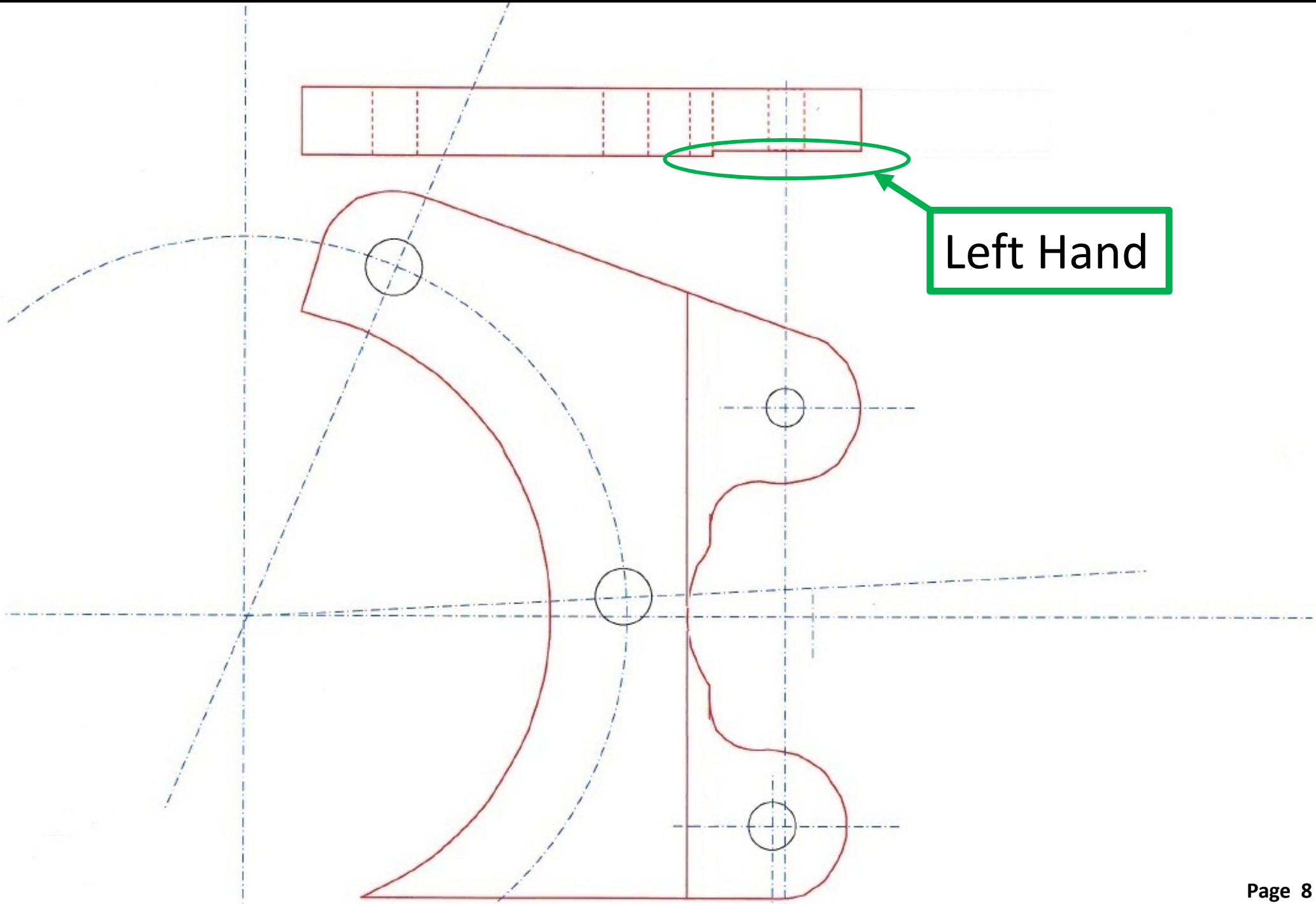


Needed Parts > Adapter plate RH

Right Hand



Needed Parts > Adapter plate LH



Needed Parts > Adapter plate



Continue with Part 2