BRAKES	
SUMMARY	



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	07.01
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BRAKES

SUMMARY

MASTER-CYLINDER

Remove-Refit Overhaul of a standard cylinder Overhaul of a tandem cylinder

BRAKE SERVO

Tools for checking Checking

COMPENSATOR

Adjusting :

- Saloons

L

GL and TI

- Long models

link controlled compensator spring controlled compensator

HYDRAULIC LINES

Instructions to be observed - connections and layout :

- flexibles hoses

- pipework

HANDBRAKE

Remove-Refit main brake cable

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08 01 to 05 08 11 and 12 08 21 to 25

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14 01(1) to 04(1)



The brakes are the principal safety component in a vehicle.

- A failure of any part of the brake system could result in extremely serious consequences.

Therefore, any work on the brake system must be done under conditions of maximum cleanliness, following to the letter, the relevant instructions with particular reference to :

- periodical maintenance

- the stipulated methods
- material specified.

IMPORTANT - Following the fitting of new parts (pads and/or linings, discs, drums), it is essential that the customer be avised to "bed-in" the brakes, since immediate full application could result in subsequent instability.

Brake fluid

- Brake fluids must satisfy severe conditions in service :
 - boiling point (ability to withstand high temperatures severe braking)
 - freezing point (low Winter temperatures in cold countries)
 - chemically inert (inhibitors prevent corrosion of metals and the attack of joints and seals).

For this reason use only :

Lockheed 55 Nafic FN3 Peugeot which can be mixed in any proportion.

- Brake fluids are hygroscopic, and any water absorbed can alter subsequently the boiling and freezing points.

- After a period of time the inhibitors, incorporated in the fluid, will deteriorate.

Therefore :

- Store in full air-tight containers in a dry atmosphere,
- protect them, as far as possible, from shaking,
- replace fluids at the stipulated intervals.

- Brake fluid will attack some chemical compositions, in particular, paint work and some rubber compounds.

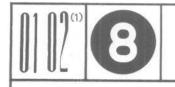
Therefore :

- prevent spilling and splashing.
- protect parts which could be affected (clutch, engine mountings etc...) when bleeding, draining and refilling.

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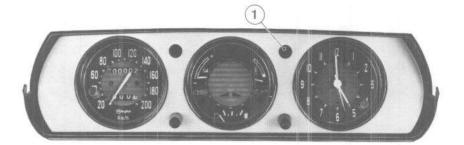


ROUTINE SERVICE MAINTENANCE

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IMPORTANT - If the warning light (1) is "ON", check.

- 1 the level of the brake fluid,
- 2 thickness of brake pads.



EVERY 3.000 miles (5 000 km)

- Check thickness of pads. When this is reduced to 2.5 m/m all 4 - pads, on an axle, MUST be replaced.

EVERY 6.000 miles (10 000 km)

- Adjust rear brakes (long models)

- Check and final adjust, handbrake.

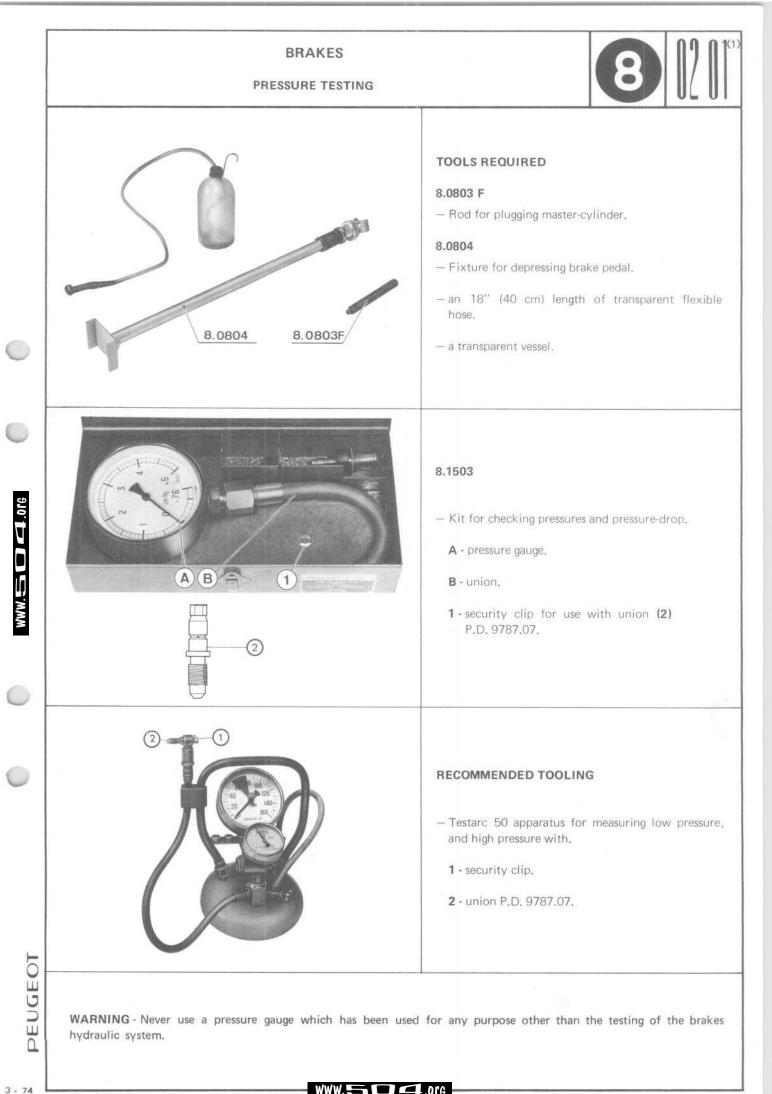
EVERY 12.000 miles (20.000 km) (504 with rear drum brakes)

- Dust out drum and shoes.
- Check wheel cylinders for security and leak-proof.

EVERY 25.000 miles (40 000 km), or every 2 years when the vehicle is used unfrequently,

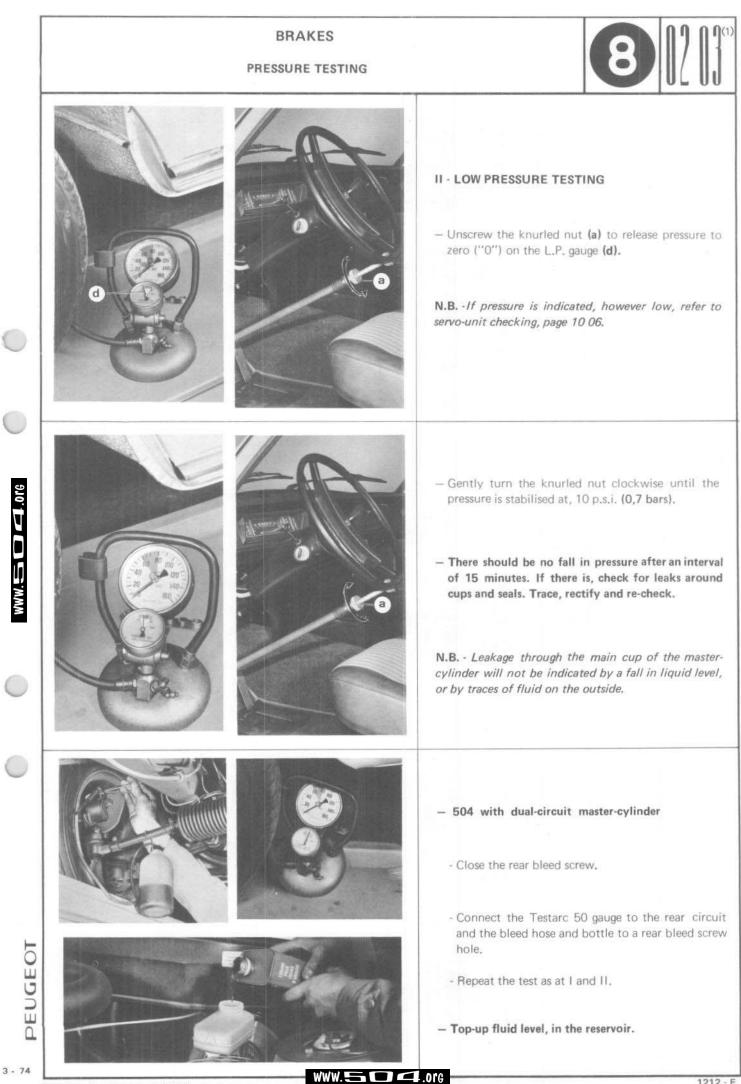
- Replace brake fluid with,

Lockheed 55 Nafic FN3 Peugeot which can be mixed in any proportion.



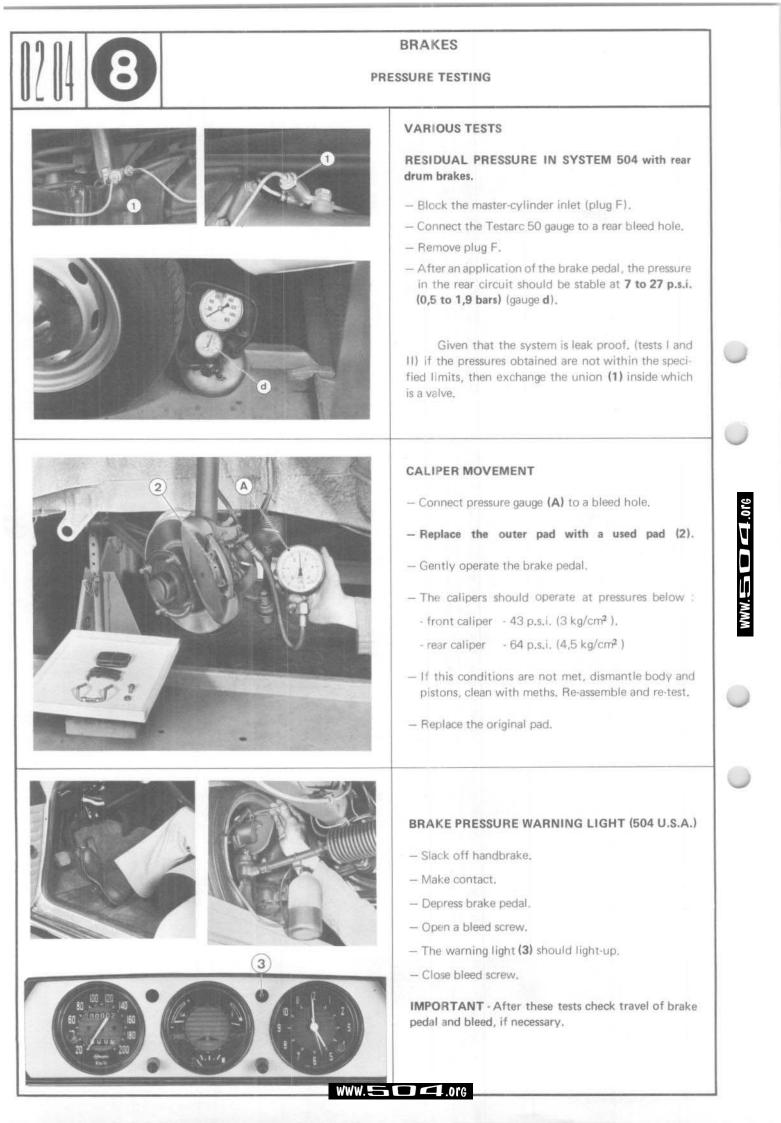
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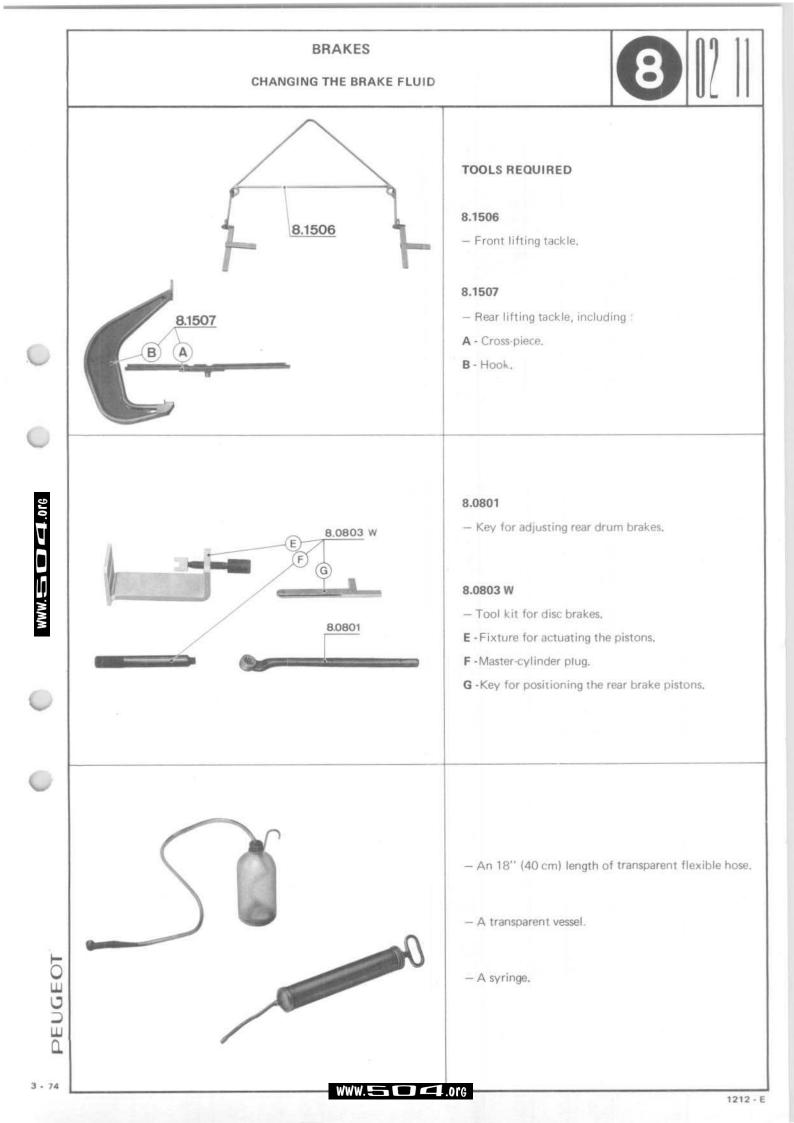
1212 [®] 8	BRAKES PRESSURE TESTING		
	Image: System Server and System Ser		
	 - 504 with dual circuit master-cylinder : - release a rear bleed screw (the tube should be immersed in the fluid in the receiving vessel). - Install brake depressing fixture. - Install brake depressing fixture. - Screw the knurled nut (a) until the slots (b) are obscured and then continue screwing a further 10 turns. - Wait a few movements to allow circuit to stabilise. - Unscrew the nut (a) until the slots are just visible. 		
	 Align the two 2 needles of the H.P. gauge (c). There should be no fall in pressure after an interval of 15 minutes. If there is, then there is a leak. Trace, rectify and re-test. NOTE - A leak through the main cup of the master-cylinder will not be indicated by a fall in fluid level or by traces of fluid on the outside. Some leaks through cups and seals only show at low pressure. 		

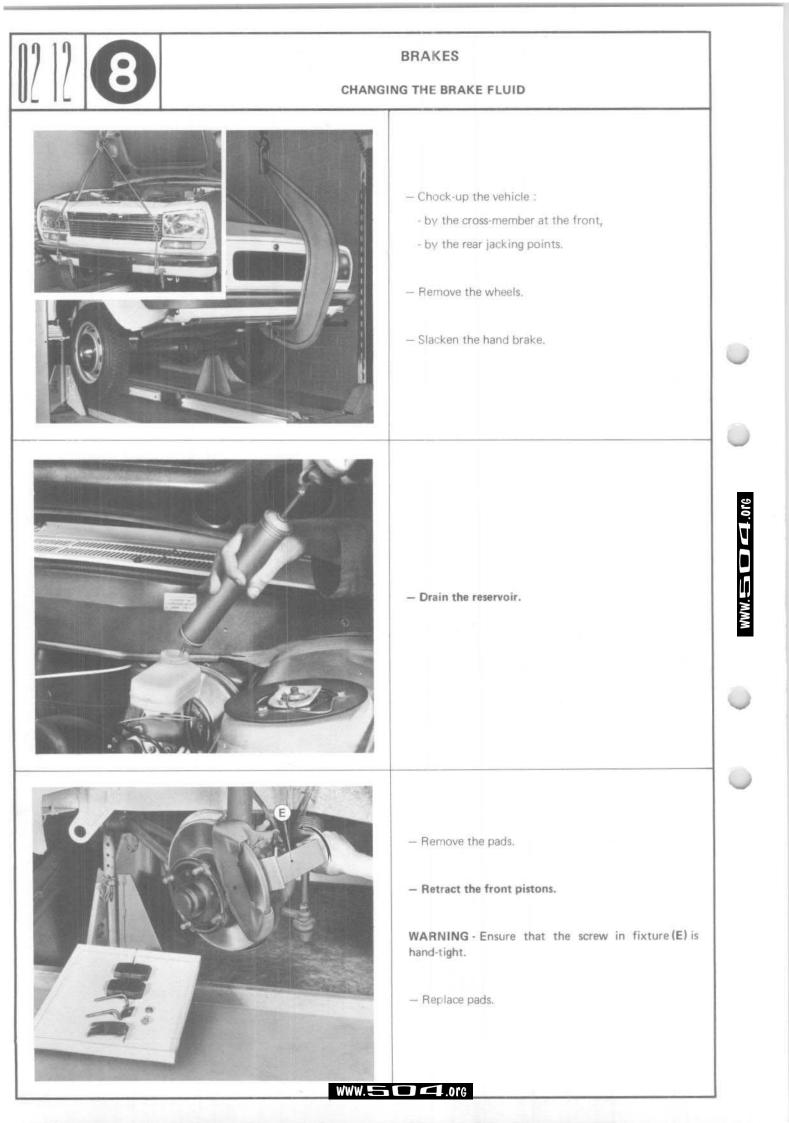


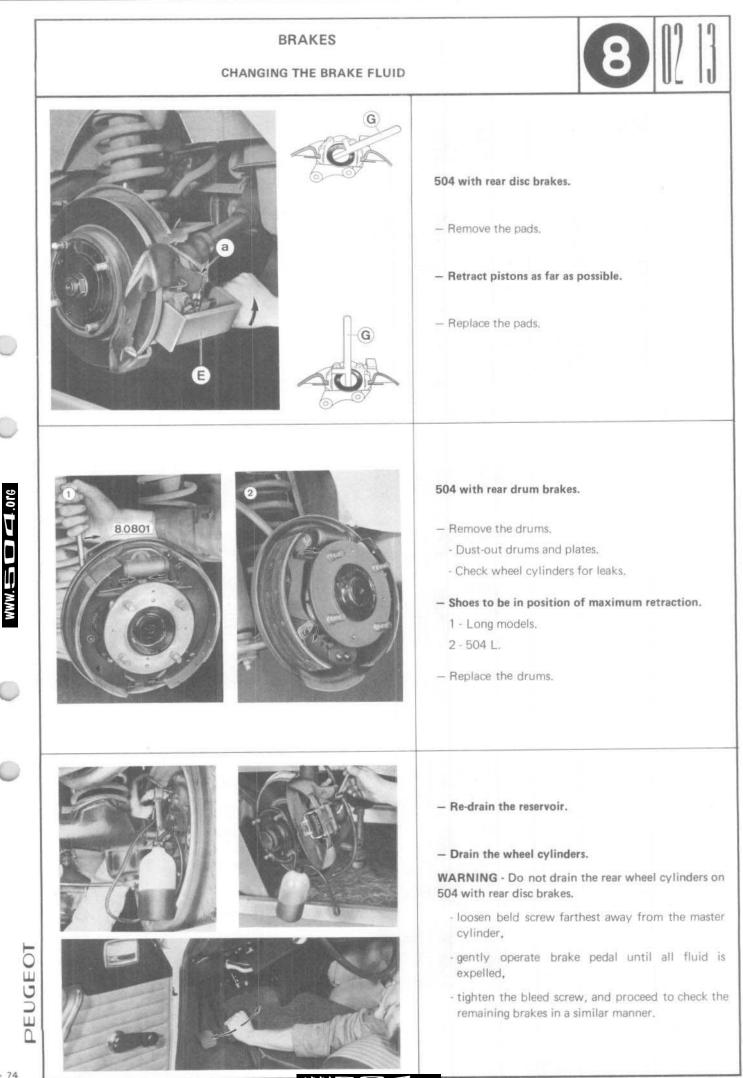
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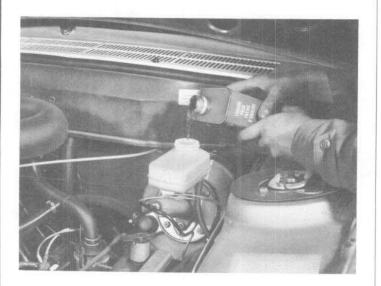


CHANGING THE BRAKE FLUID



FLUSHING AND REFILLING

 Clean out the reservoir with a clean, dry and lint free cloth.



IMPORTANT - Use only brake fluid.

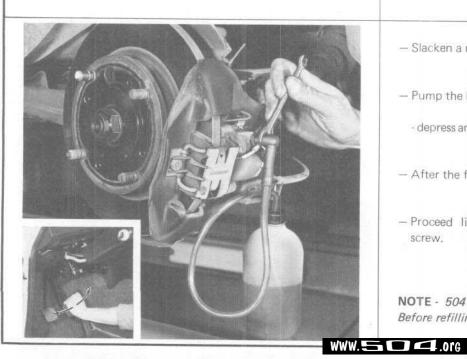
Lockheed 55

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Nafic FN3
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Peugeot.

which can be mixed in any proportions.

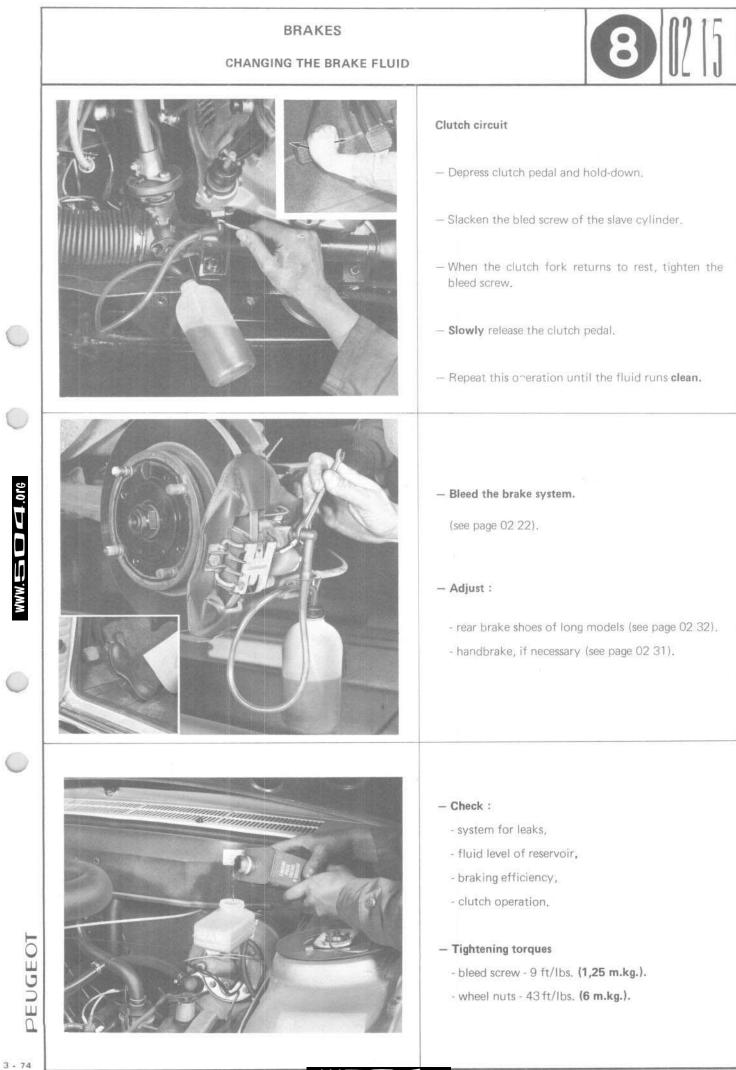
 Slowly refill the reservoir ensuring that the level is maintained during operation of the system.



- Slacken a rear bleed screw.
- Pump the brake pedal :
 - depress and release slowly until its complete return.
- After the fluid runs clean, tighten the bleed screw.
- Proceed likewise with the remaining 3 bleed screw.

NOTE - 504 with dual-circuit - (Lockheed tandem) Before refilling slacken the front RH bleed screw.

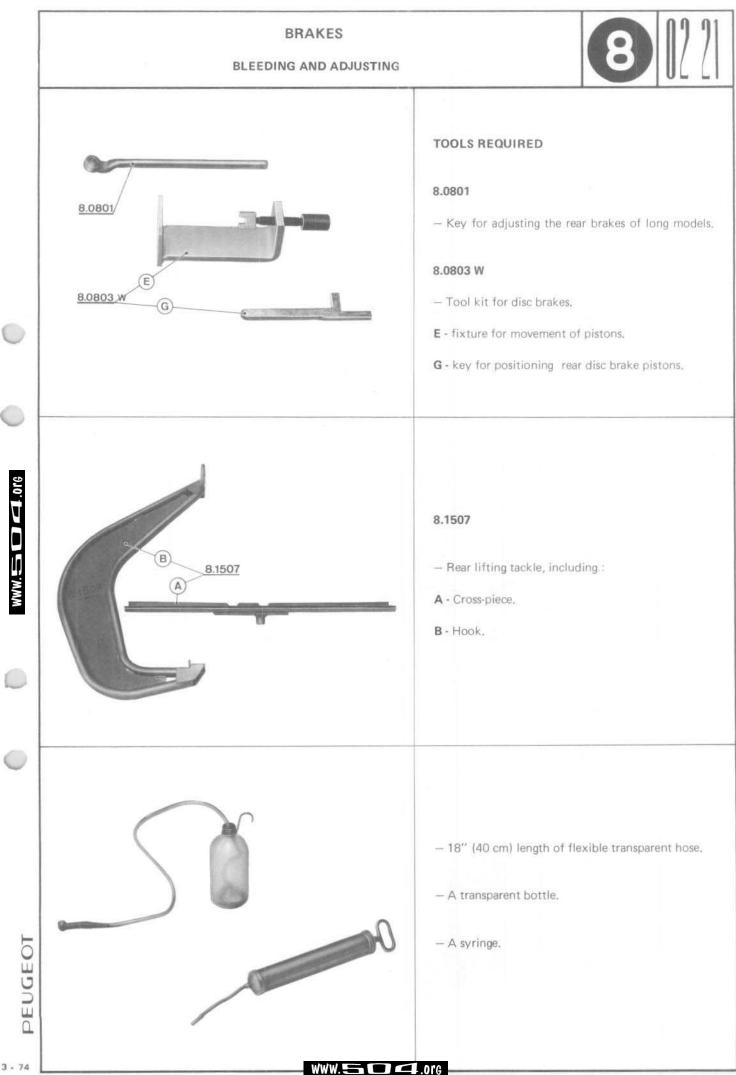




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BLEEDING AND ADJUSTING

BLEEDING

WARNING :

NOTE THE FOLLOWING TWO CONDITIONS

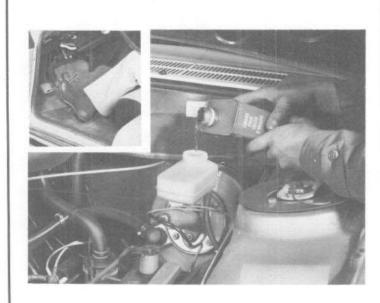
Bleeding: - 504 with rear drum brakes.
 - 504 with rear disc brakes when the rear wheel cylinders have not been drained.

2) Topping-up and Bleeding : 504 with rear disc brakes, when replacing a caliper or after, drain and refill.

IMPORTANT - Use only the following brake fluids :

Lockheed 55 Nafic FN3 Peugeot

These fluids can be admixed in any proportions.

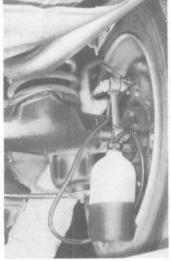


Procedure for bleeding (valid in all cases)

- Ensure there is sufficient level of fluid in the reservoir.
- Release the handbrake.
- Press firmly on the brake pedal.
- Slacken the bleed screw of the appropriate cylinder.

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- Hold brake pedal in fully depressed position.
- Tighten the bleed screw.
- Release pedal, slowly.
- Repeat operation until fluid is free of air bubbles.

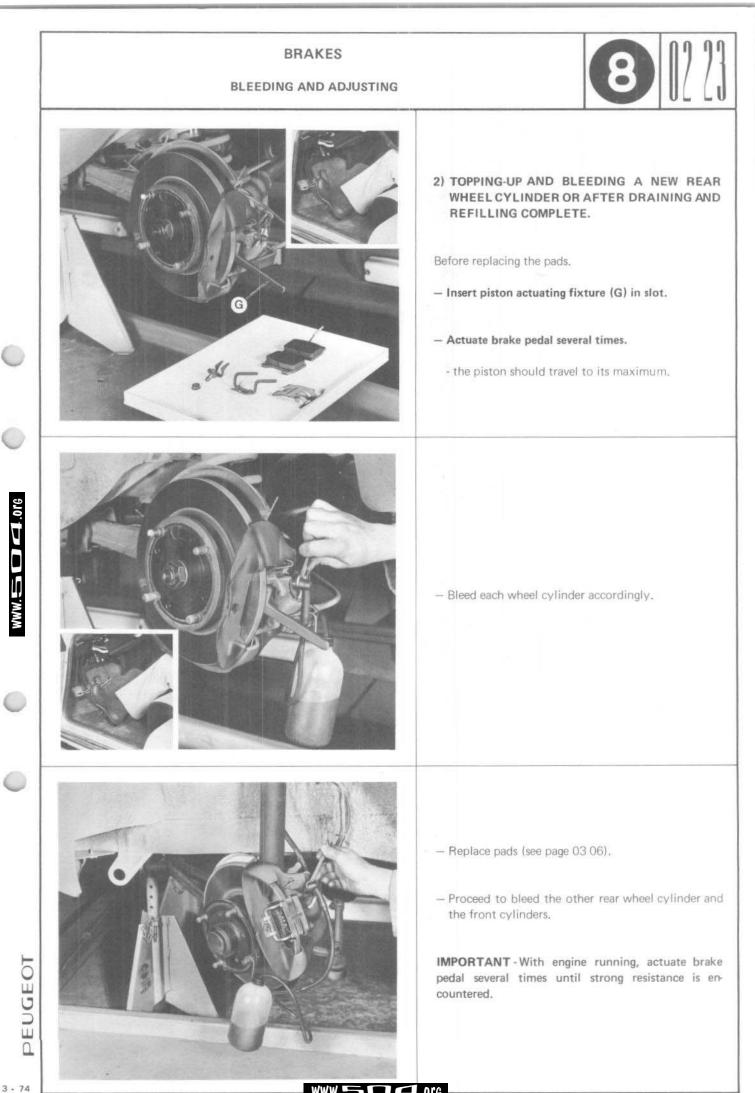




1) BLEEDING

- Vehicle at rest on wheels.
- Bleed each wheel cylinder in accordance with the foregoing instructions.

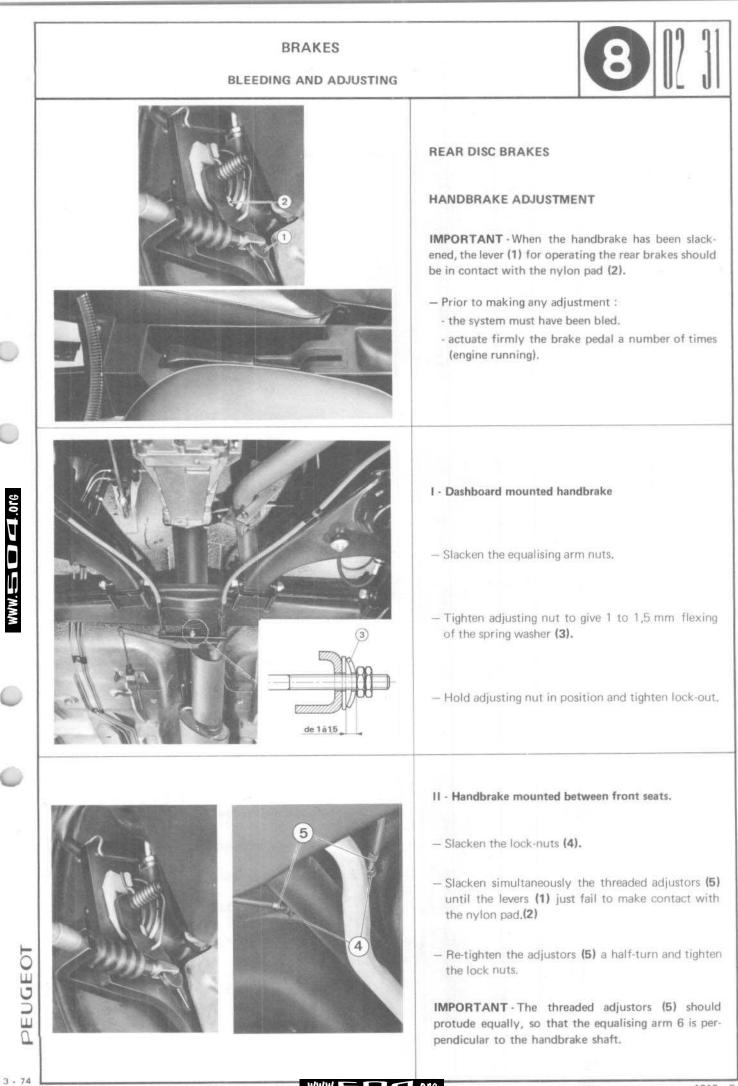
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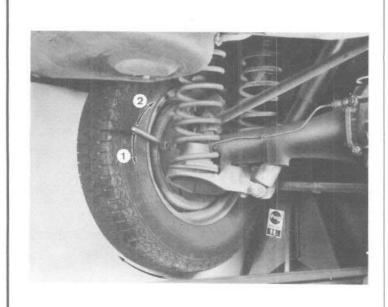
		-	
17748	BRAKES BLEEDING AND ADJUSTING		
	FINAL OPERATIONS - Adjust : - shoes of rear drum brakes of long models (see page 02 32). - the handbrake, if necessary (see page 02 31).		
	 - Check : system for leaks, fluid level in reservoir, braking efficiency, clutch operation. - Tightening torque : bleed screw - 9 ft/lbs. (1,25 m.kg) wheel nut - 43 ft/lbs. (6 m.kg). 		
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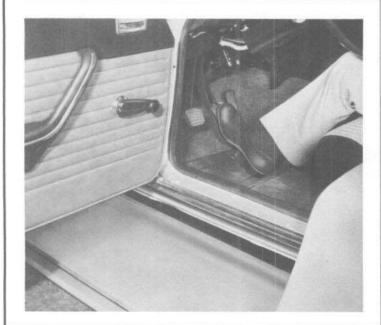
BLEEDING AND ADJUSTING



DRUM BRAKES

ADJUSTMENT OF REAR SHOES (long models)

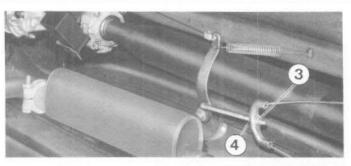
- Jack-up rear of vehicle.
- Turn the wheel in the direction of travel.
- Turn each adjuster :
 - 1st direction (downward) until wheel locks.
 - 2nd direction (upwards) until wheel only just revolves freely.

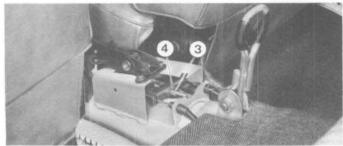


HANDBRAKE ADJUSTMENT

WARNING :

- handbrake must be fully released,
- the system bled,
- actuate firmly the brake pedal a number of times (engine running).
- the shoes should now be in adjustment (long models).





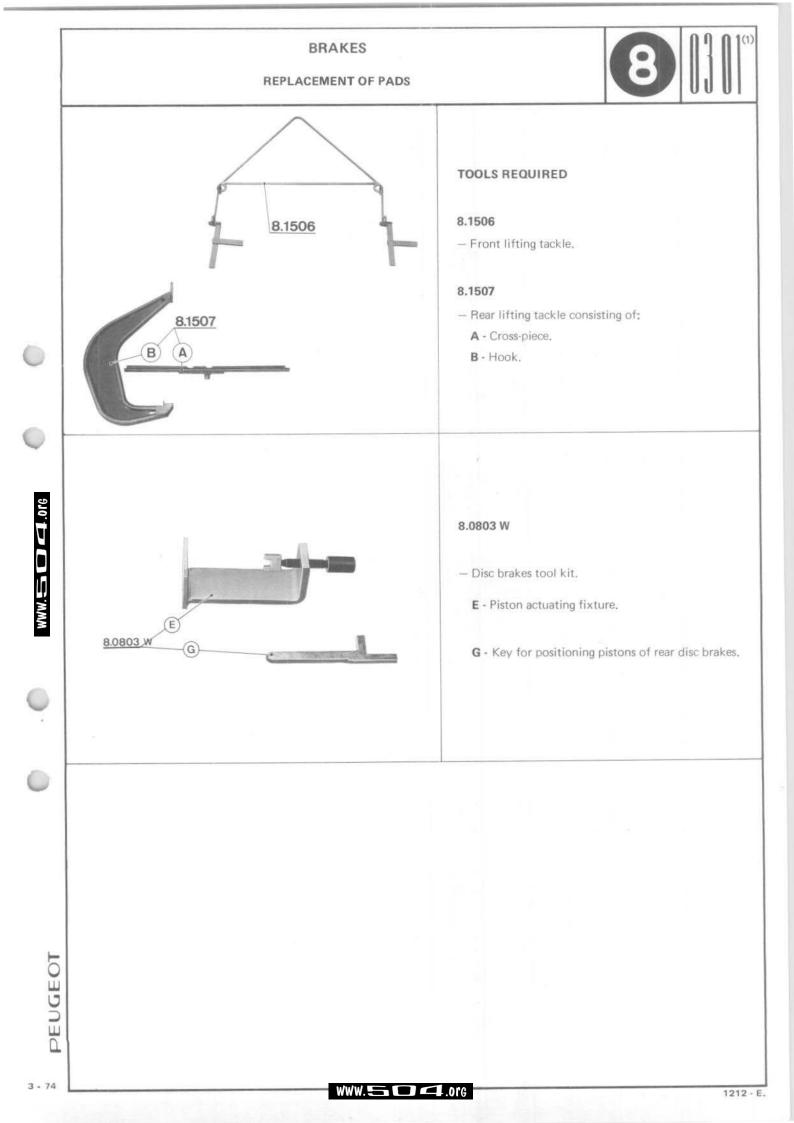
Dashboard mounted handbrake.

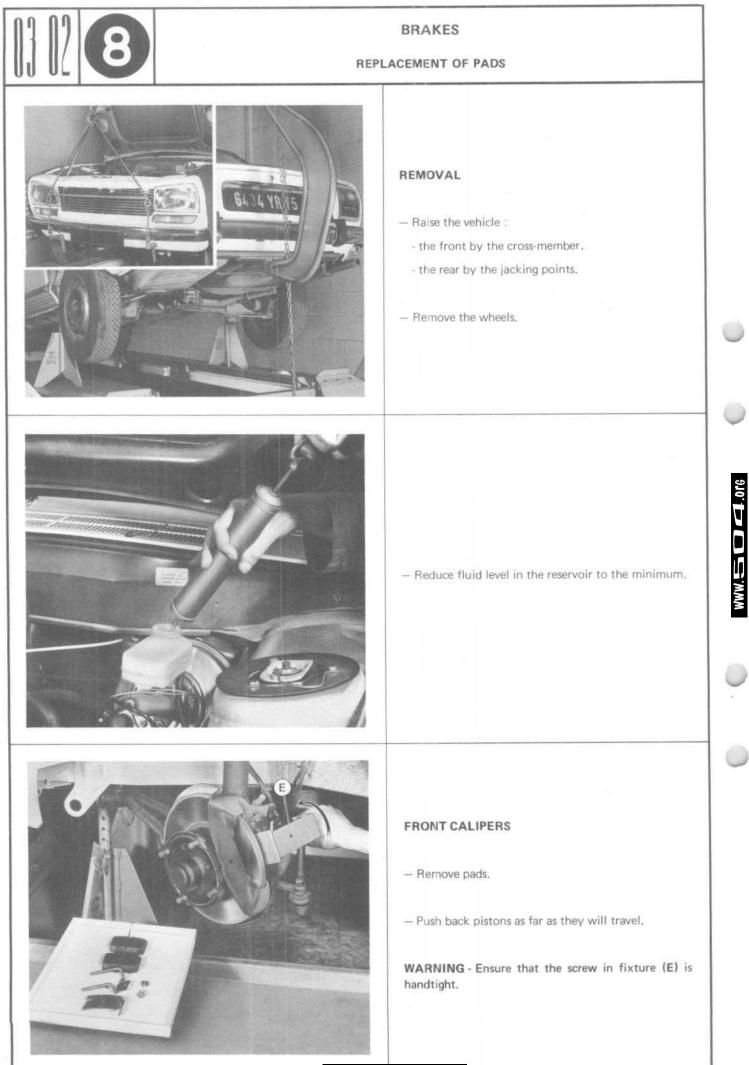
Handbrake between the front seats.

- Jack-up rear of vehicle.
- Slacken lock-nut (3).
- Tighten the screw (4) to give a travel of 4 to 7 notches.
- Tighten lock-nut (3).
- Ensure that wheels revolve freely by-hand.

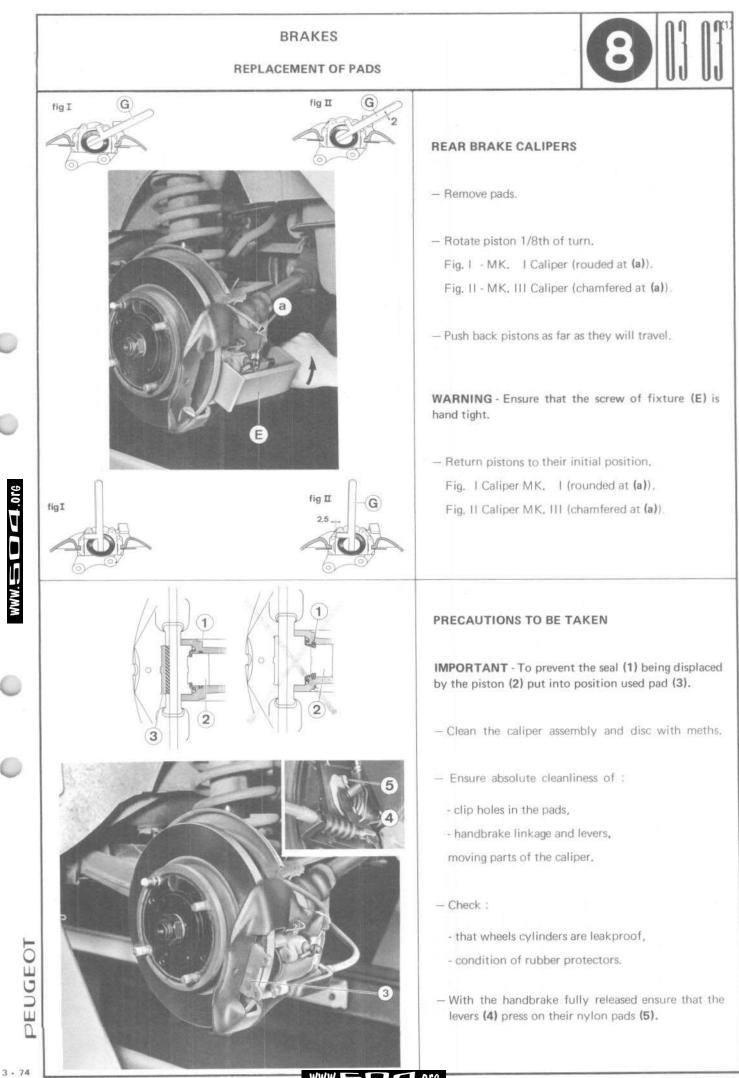
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	BRAKES REPLACEMENT OF PADS		
	 – Ensure free movement of the caliper (used pad (3) still in place). – If necessary, check caliper movement (see page 02 08). 		
	 Check condition of the disc. If necessary, check run-out : maximum 0". 0028 (0,07 mm.) (see pages 06 06 or 06 13). 		
<image/>	IMPORTANT - Adjust the compensator if pad wear, as between front and rear brakes, is appreciably different. (see page 11 01).		

REPLACEMENT OF PADS



FITTING

IMPORTANT - Fitting of Ferodo 2430 pads.

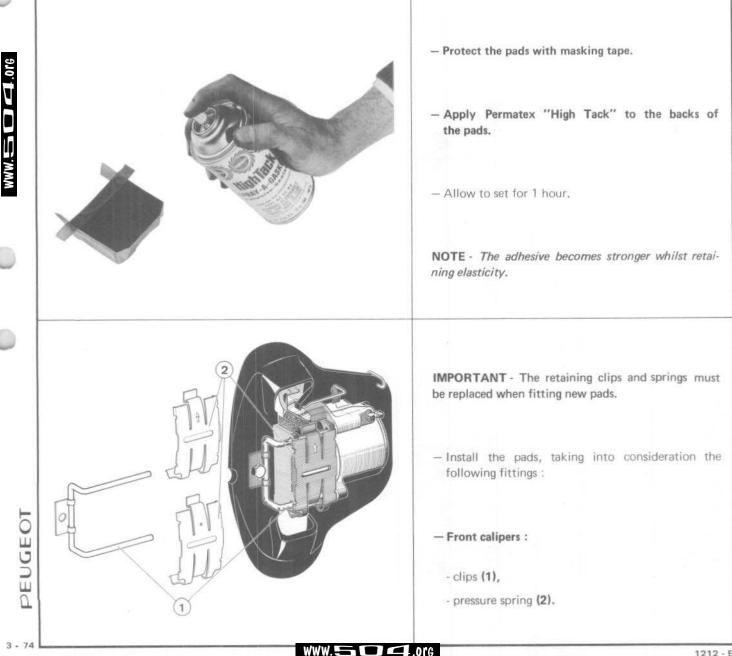
WARNING :

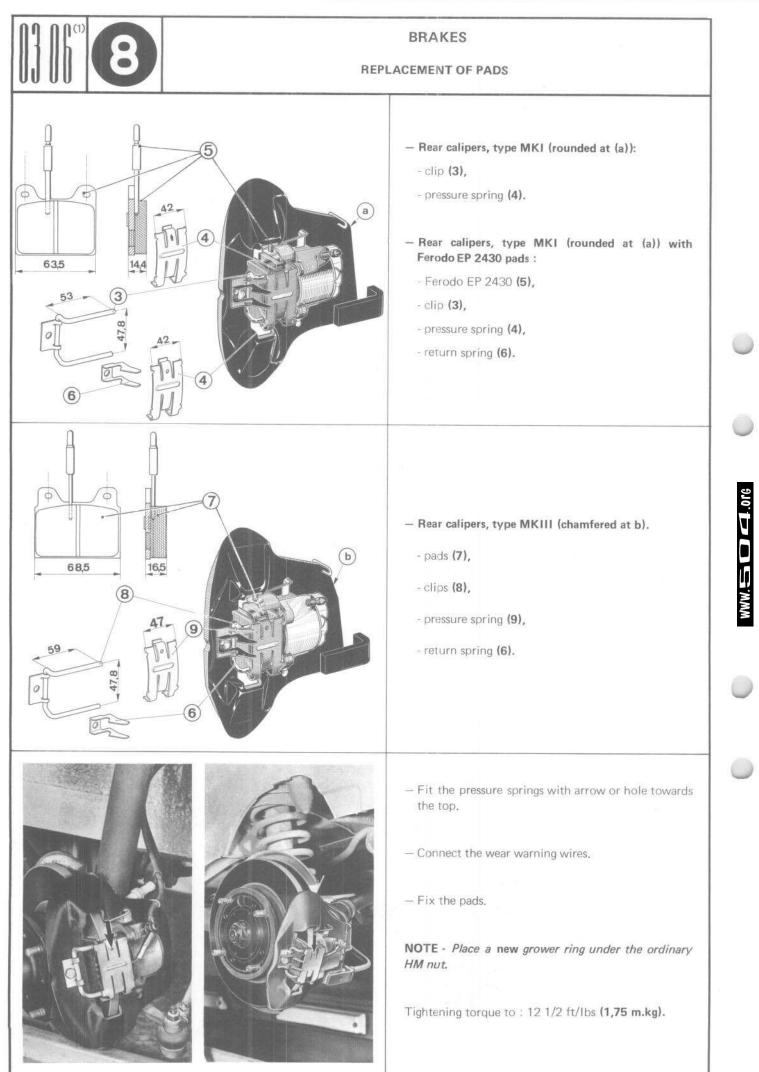
TWO GRADES OF PADS :

Ferodo EP 2430 - back plate, colour blak, marked FER 2430 F FF, Ferodo F 2430 - back plate, colour grey, marked SAAF 2430 FF.

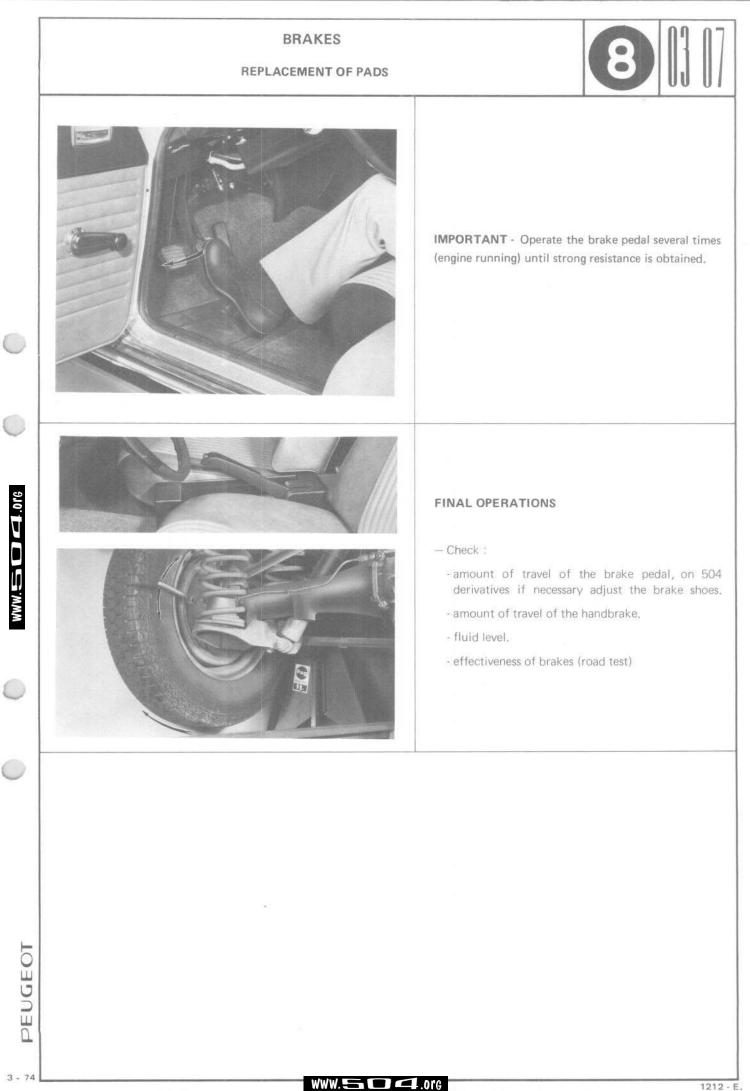
INTERCHANGEABILITY- These two grades of pad are interchangeable provided that a set of 4 pads of the same grade are fitted to an axle.

Ferodo 2430 pads can be used in place of NS 414 or F 737, or mixed pads, always provided that the near and offside calipers on any axle are fitted with the same grade of pad.

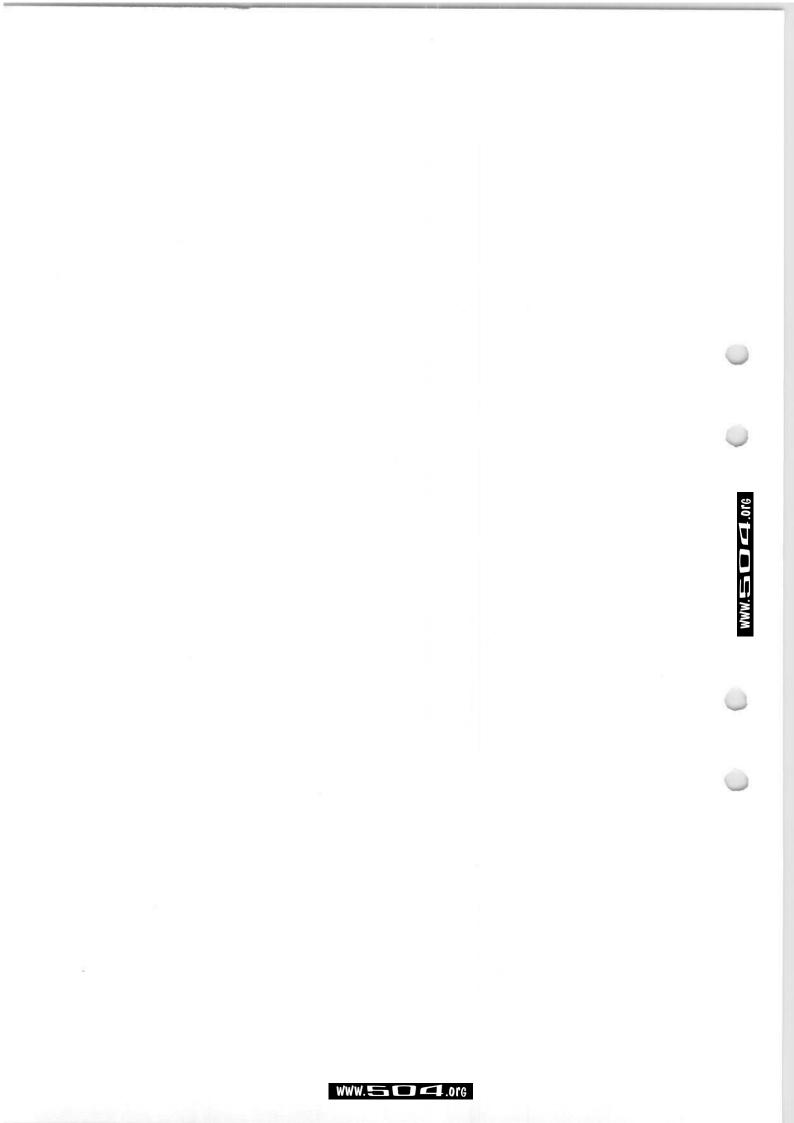


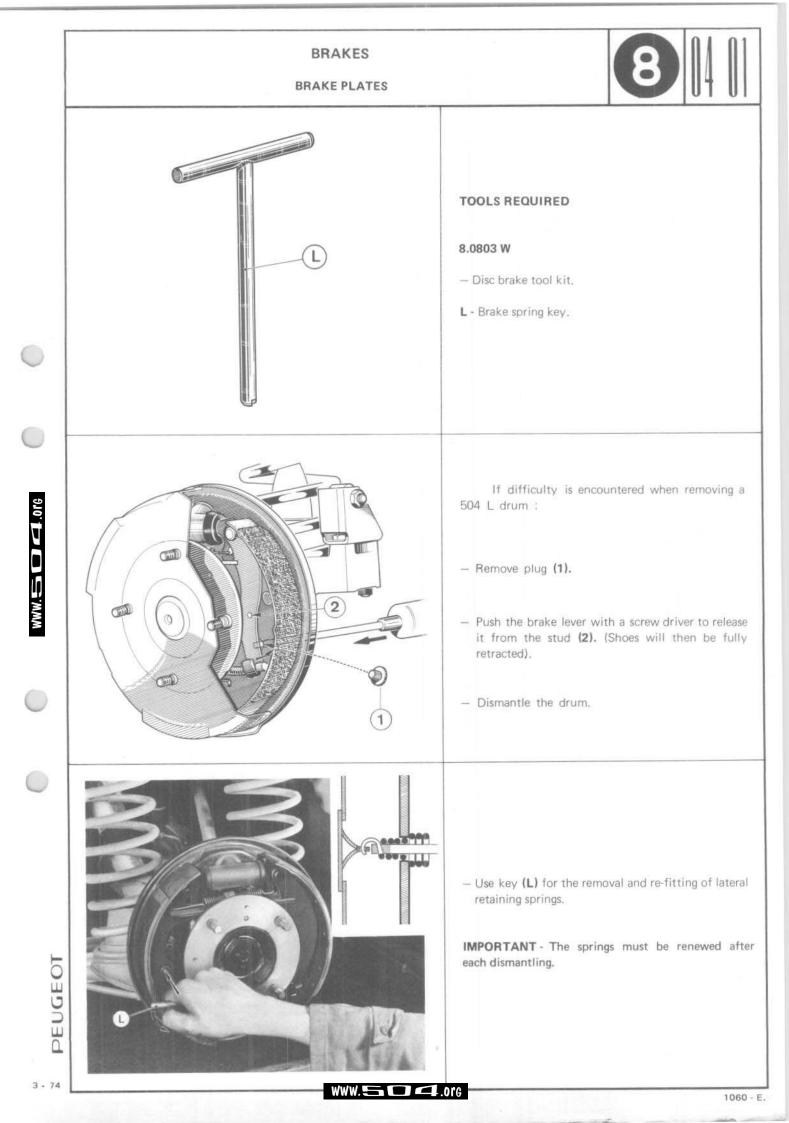


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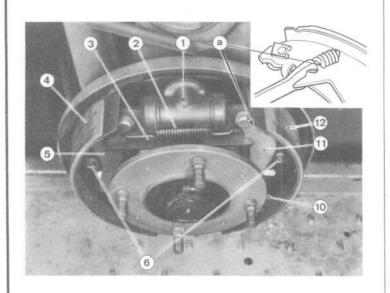


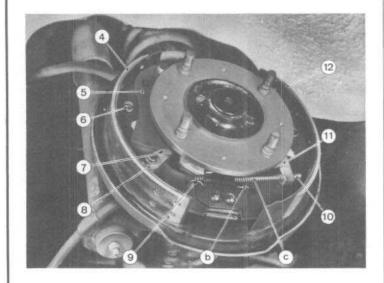
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BRAKE PLATES





ASSEMBLY OF 504 L REAR BRAKES

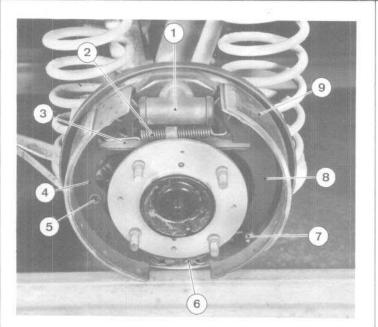
- Ensure that assembly conforms in respect of the following :
- 1 Wheel cylinder, 22 m/m dia.
- 2 Shoes return spring.
- 3 Brake lever with return spring (a).
- 4 Leading shoe (front). Textar V 643 lining $\begin{cases} length 267 \text{ m/m.} \\ width 45 \text{ m/m.} \end{cases}$
- 5 Adjusting lever.
- 6 Pull-off springs.
- 7 Pawl.
- 8 Pawl spring.
- 9 Shoe retaining springs.
- 10 Handbrake cable.
- 11 Handbrake lever.
- 12 Trailing shoe (rear). Textar V 643 lining { length - 219 m/m. width - 45 m/m.

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- Assembly and movement.
 - b of spring (9).
 - c handbrake cable, (10).

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BRAKE PLATES



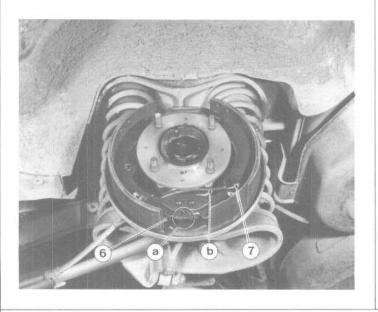
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ASSEMBLY OF REAR BRAKES ON 504 DERIVATIVES

- Ensure that the assembly conforms in respect of the following :
- 1 Wheel cylinder, 22 m/m dia.
- 2 Pull-of springs.
- 3 Link.
- 4 Leading shoe (front) Lining Textar V 643 { length - 280 m/m. width - 60 m/m.
- 5 Lateral retaining clips.
- 6 Segment retaining springs.
- 7 Handbrake cable.
- 8 Handbrake lever.
- 9 Trailing shoes (rear). Lining Textar V $643 \begin{cases} \text{length} & -248 \text{ m/m.} \\ \text{width} & -60 \text{ m/m.} \end{cases}$
- Installation :
 - a spring (6).
 - b handbrake cable (7).

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DISCS - DRUMS



RECTIFICATION

FRONT AND REAR DISCS

Discs which are badly scored, or show excessive wear of the pad track, can be rectified using the appropriate machine tool.

WARNING - A disc must be replaced if its thickness is less than the appropriate figure given in the following tables.

1 - Rectification and replacement dimensions.

ITEM	FRONT DISCS	REAR DISCS Girling caliper Girling caliper	
	110110303	type AH12 MK1	type AH12 MKIII
Original thickness	12,75 mm	10 mm	12 mm
Minimum permissable thickness after rectification	11,25 mm	9 mm	11 mm
A disc must be replaced when its thickness is less than -	10,75 mm	8,5 mm	10,5 mm

2) Run-out maximum permissable, in relation to hub face, is - 0,05 m/m.

NOTE - After fitting to vehicle maximum run-out is, 0,07 m/m.

3) Variation in disc thickness, 0,02 m/m (at any point)

REAR DRUMS

WARNING - Both LH and RH drums must be machined to the same diameter (tolérance, 0,20 m/m.)

1) Rectification and replacement dimensions

	LONG MODELS	SALOON L.
Original diameter	280 m/m	255 m/m
Diameter after machining	281 m/m	256 m/m
A drum must be replaced when its diameter exceeds.	281,5 m/m	256,5 m/m

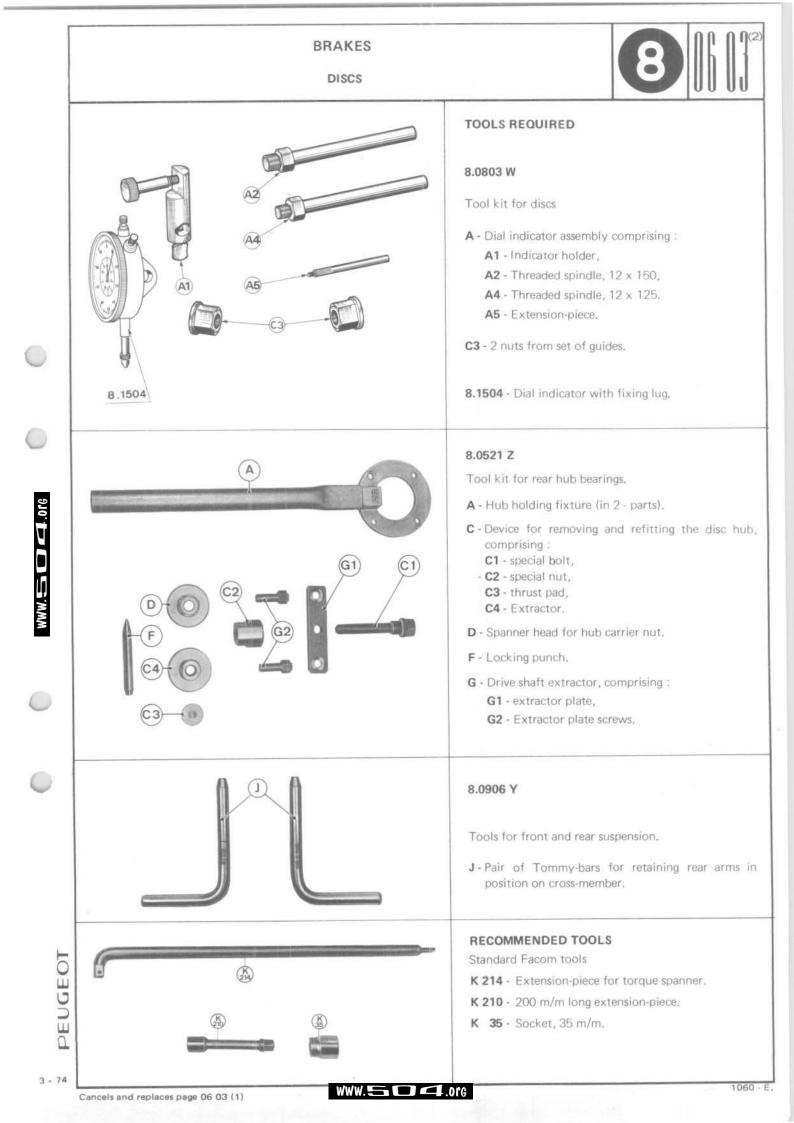
2) Maximum ovality of drum after machining : 0,07 m/m.

3) Maximum ovality of drum after fitting to vehicle : 0,10 m/m.

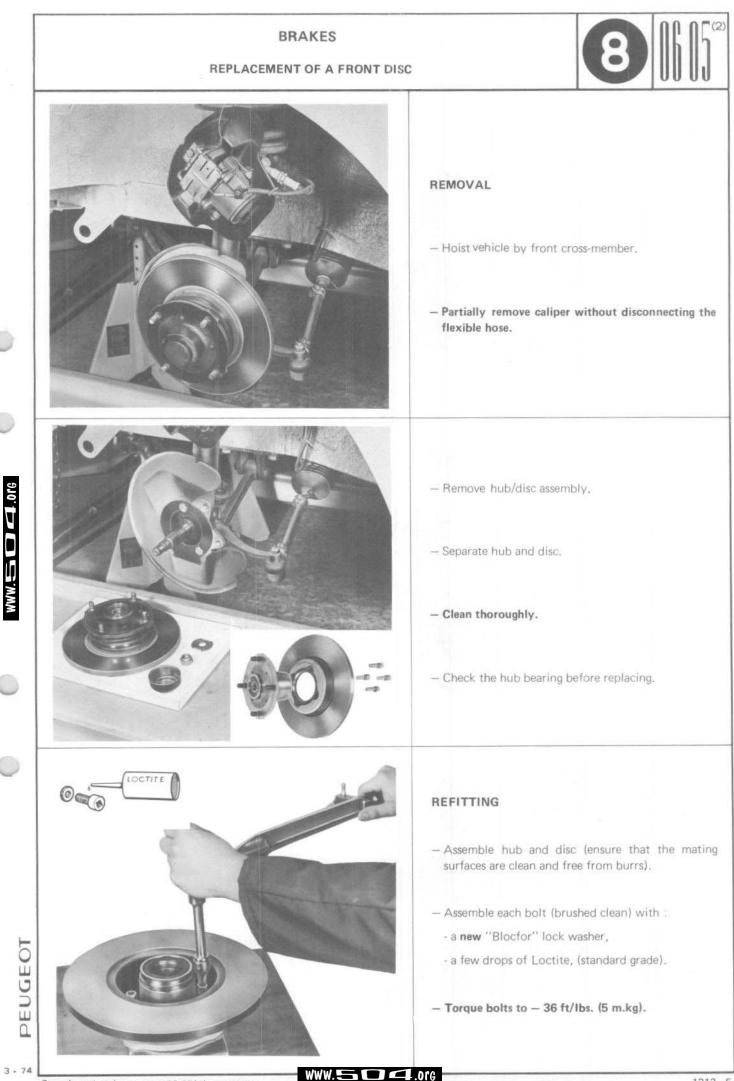
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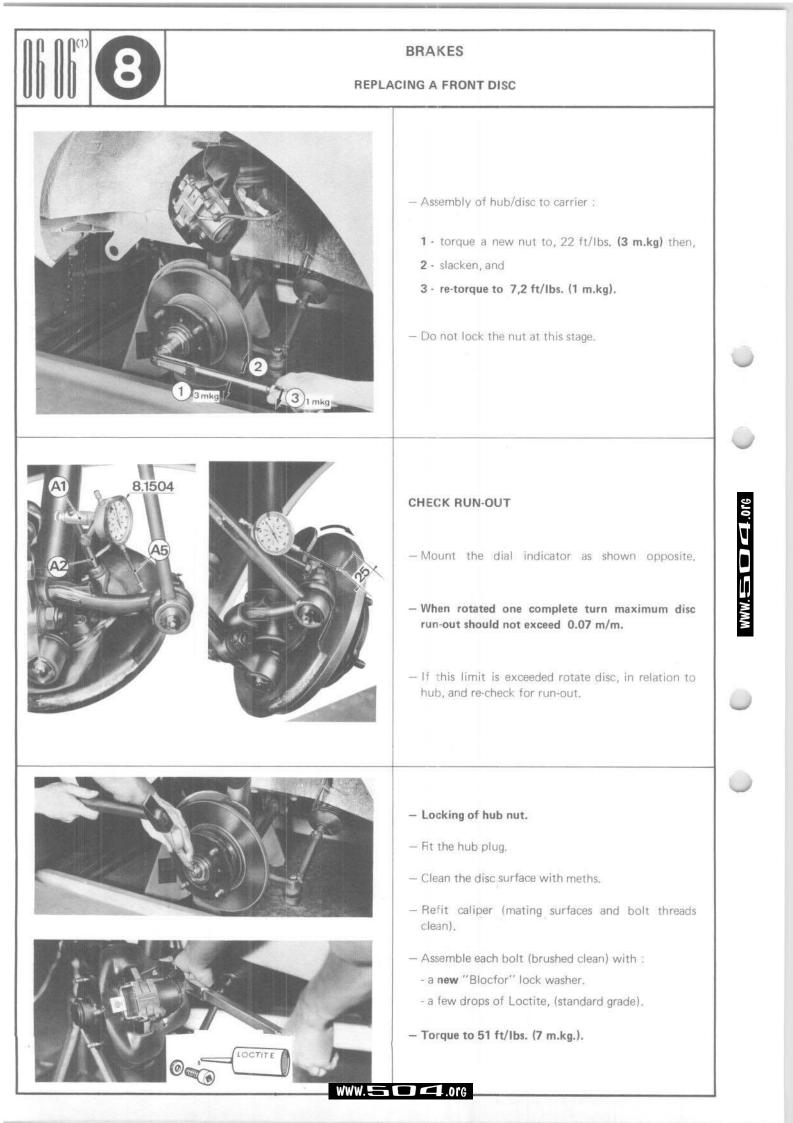


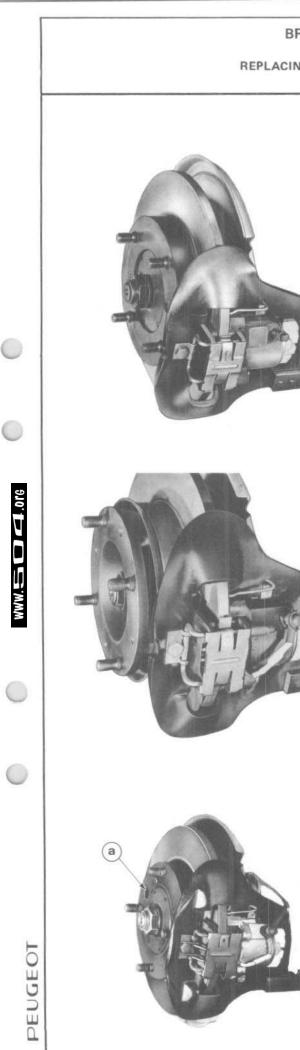
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REPLACING A REAR DISC



WARNING :

THERE ARE 3 DIFFERENT METHODS OF REPLACING A REAR DISC, depending on the type of assembly.

1st fitting to Saloon :

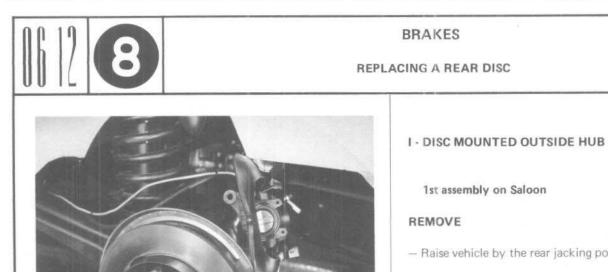
I - Disc mounted on the outside face of hub.

Ist fitting to Coupé/Convertible : II - Discs fitted to the inside face of hub.

2nd fitting, all models :

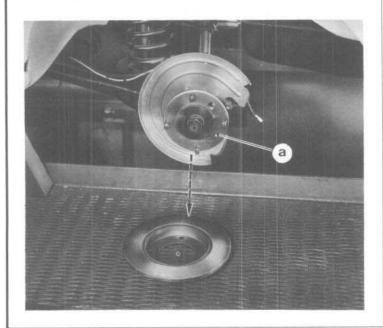
III - Disc fitted to the inside face of hub which has an access hole (a) to the carrier nut.

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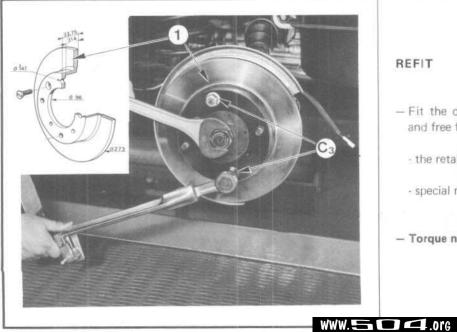
- Raise vehicle by the rear jacking points.
- Disengage the arms, brakes pipes and flexible hose.
- Remove brake pads.
- Partially dismantle the caliper without disconnecting the brake hose.

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- Remove the disc.

- Thoroughly clean hub face (a).



REFIT

- Fit the disc (1) to the hub (mating surfaces clean and free from burrs) using :

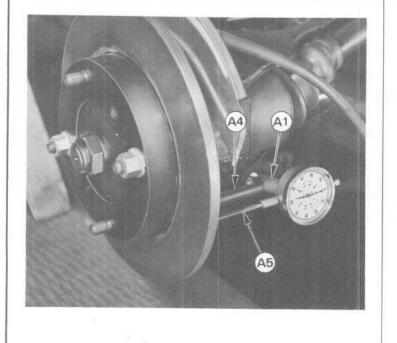
- the retaining bolt,

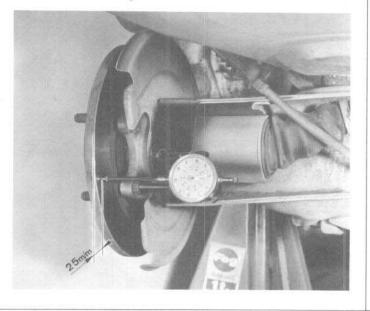
- special nuts (C3).

- Torque nuts to : 43 ft/lbs. (6 m.kg.).

REPLACING A REAR DISC







CHECKING RUN-OUT

- Mount dial indicator as shown
- When rotated one complete turn maximum disc run-out must not exceed 0,07 m/m.
- If this limit is exceeded, rotate the disc one half-turn, in relation to the hub carrier, and recheck run-out.

NOTE - If run-out is still in excess of 0,07 m/m, check the hub.

- Clean the disc surfaces with meths.
- Replace the caliper (ensure mating surfaces contact, and all threads clean).
- Mount each bolts (brushed clean) with :
 - a new "Blocfor" lock washer.
 - a few drops of Loctite (standard grade).
- Torque bolts to 36 ft/lbs. (5 m.kg.).
- Replace disc pads.
 - torque to, 12,7 ft/lbs. (1,75 m.kg.).

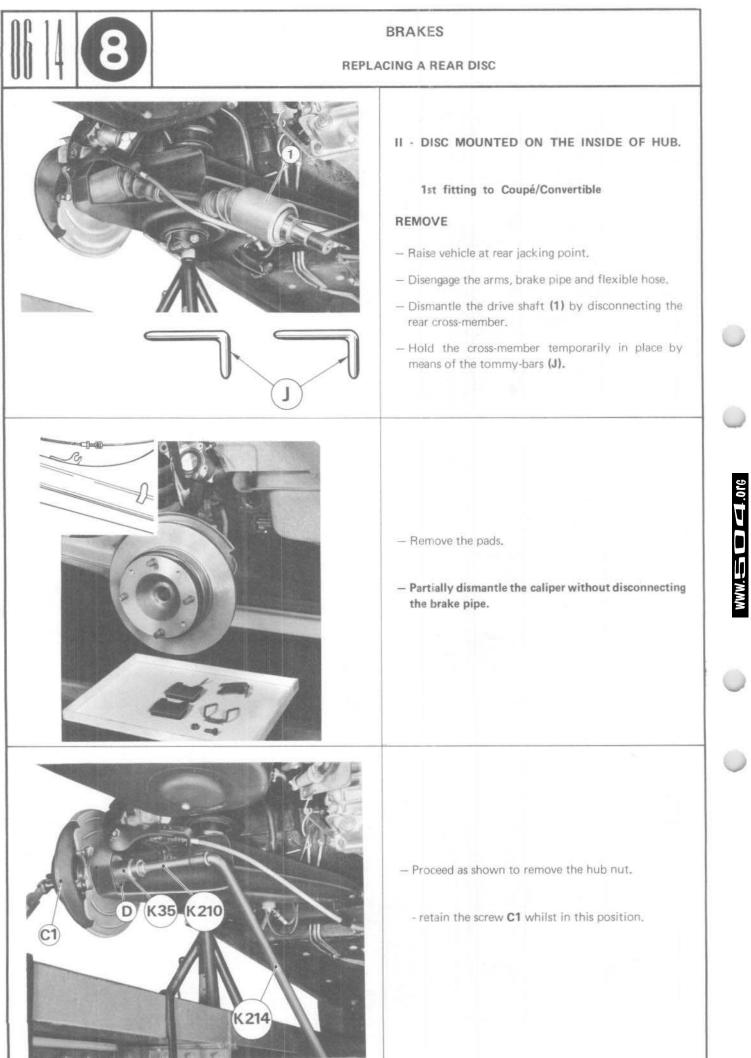


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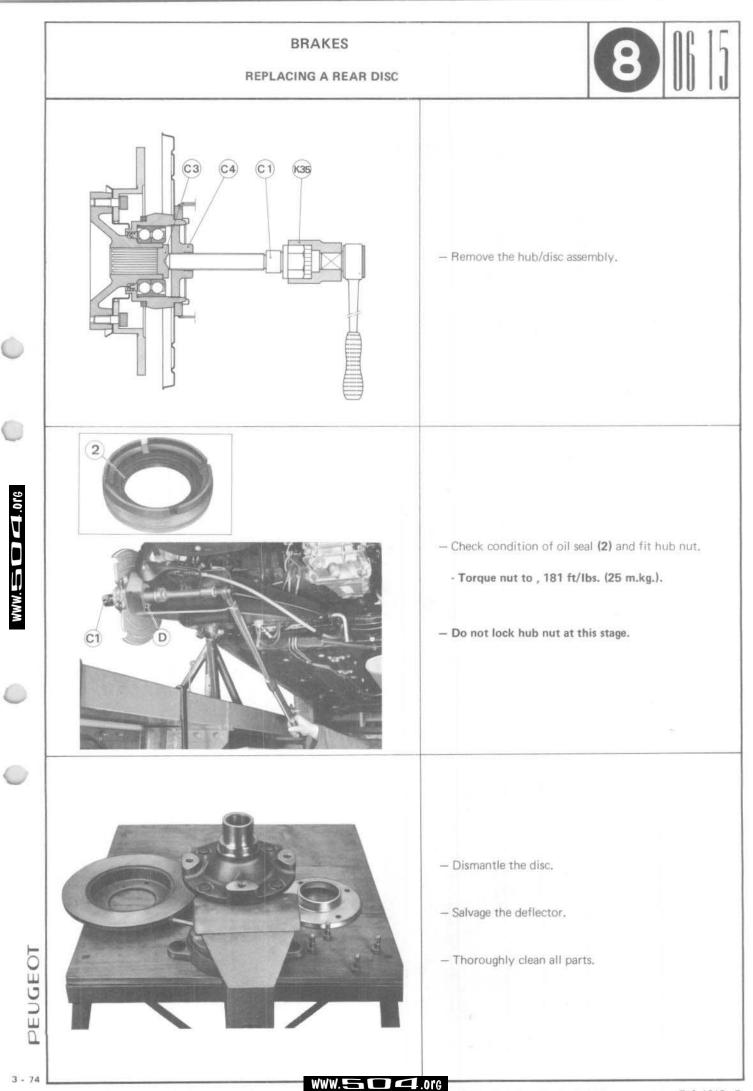
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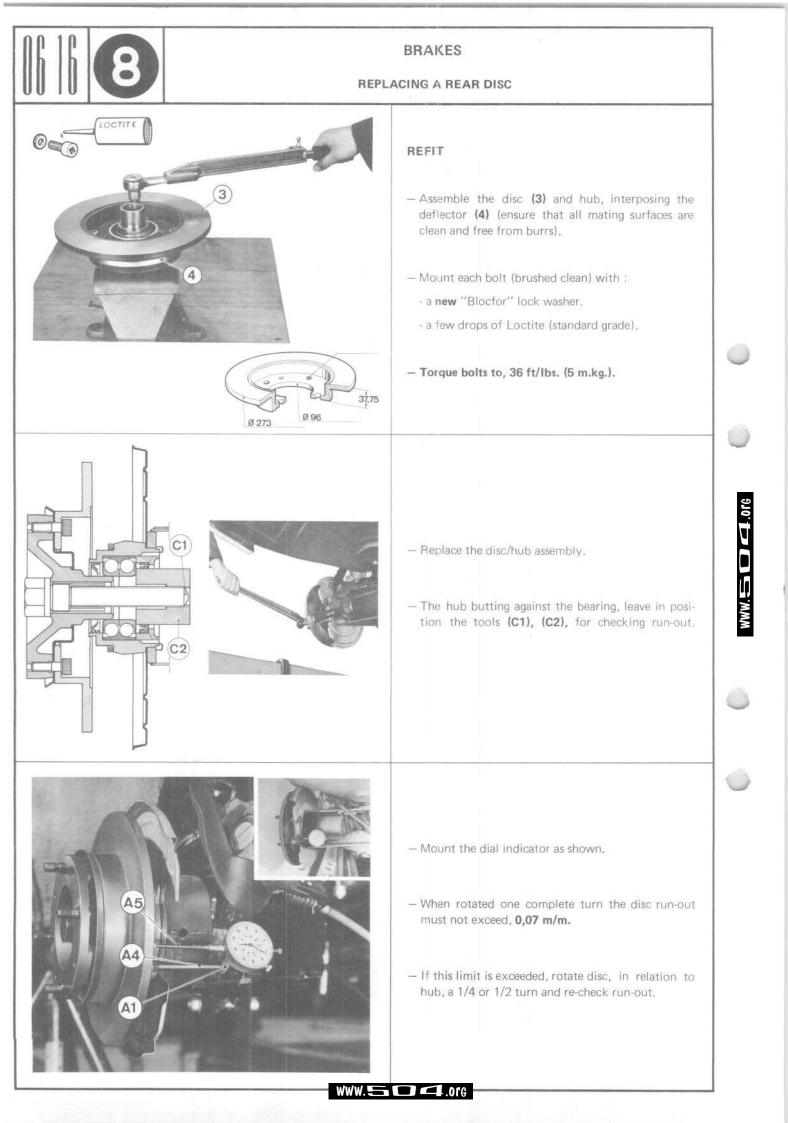


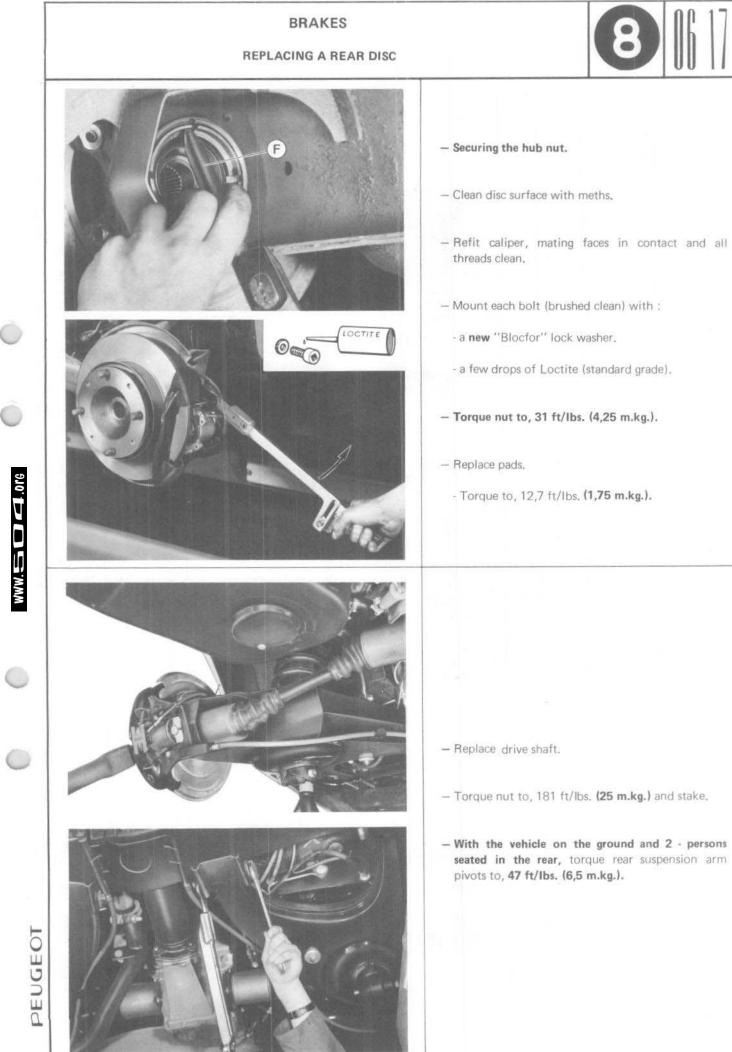


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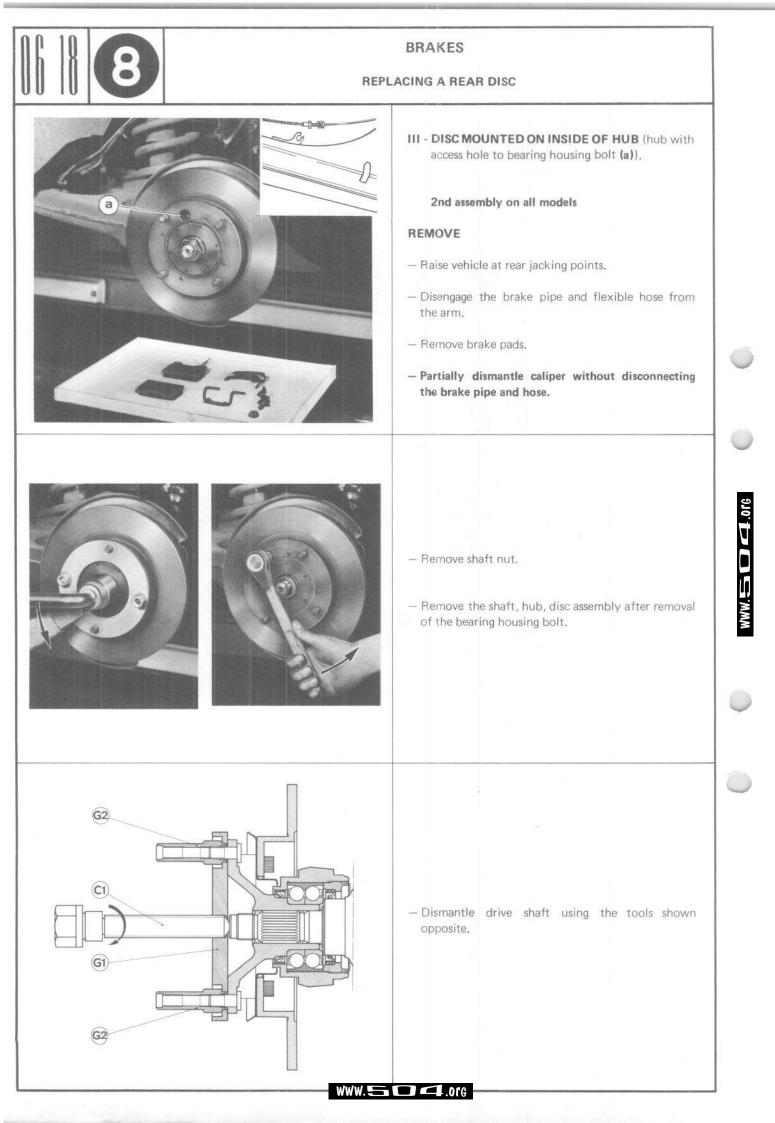


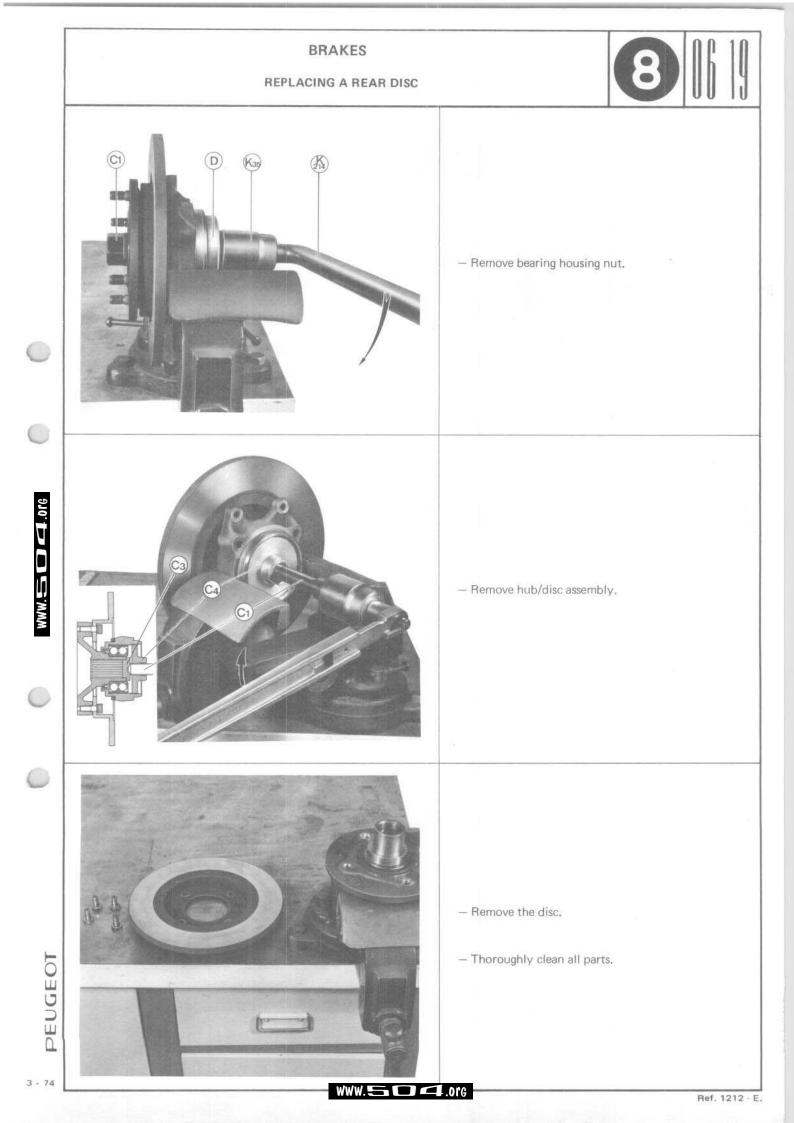


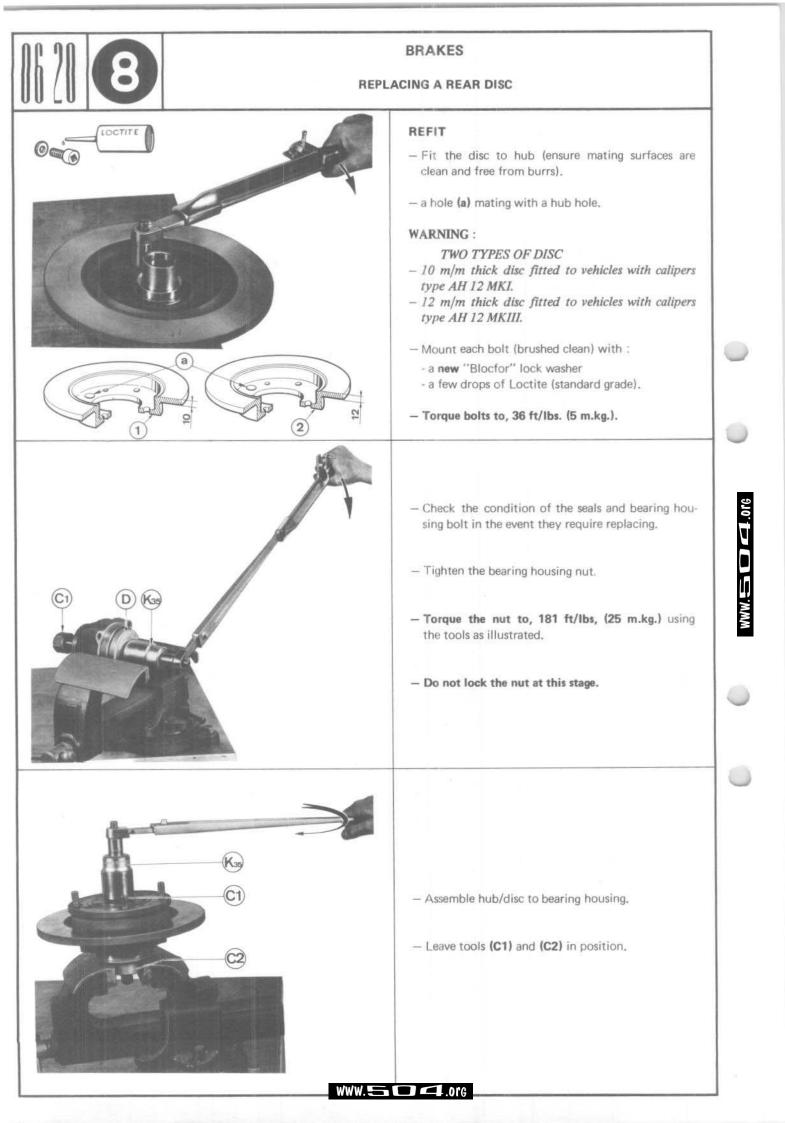


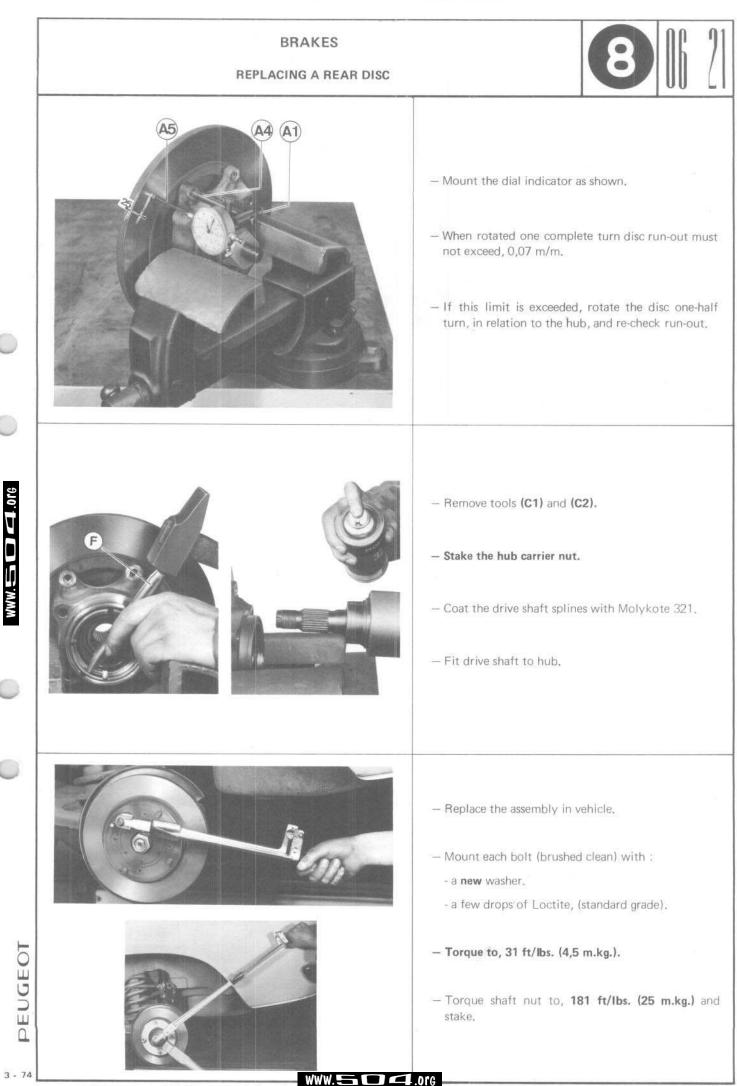
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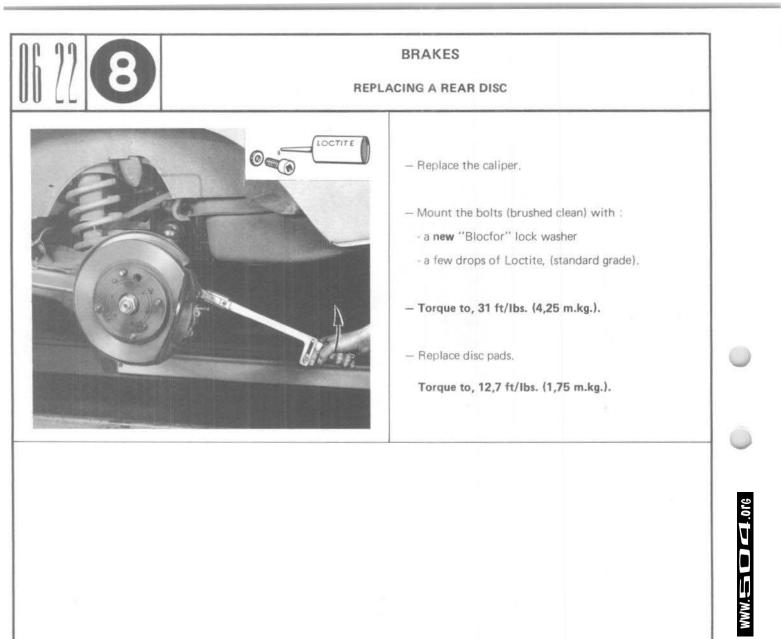
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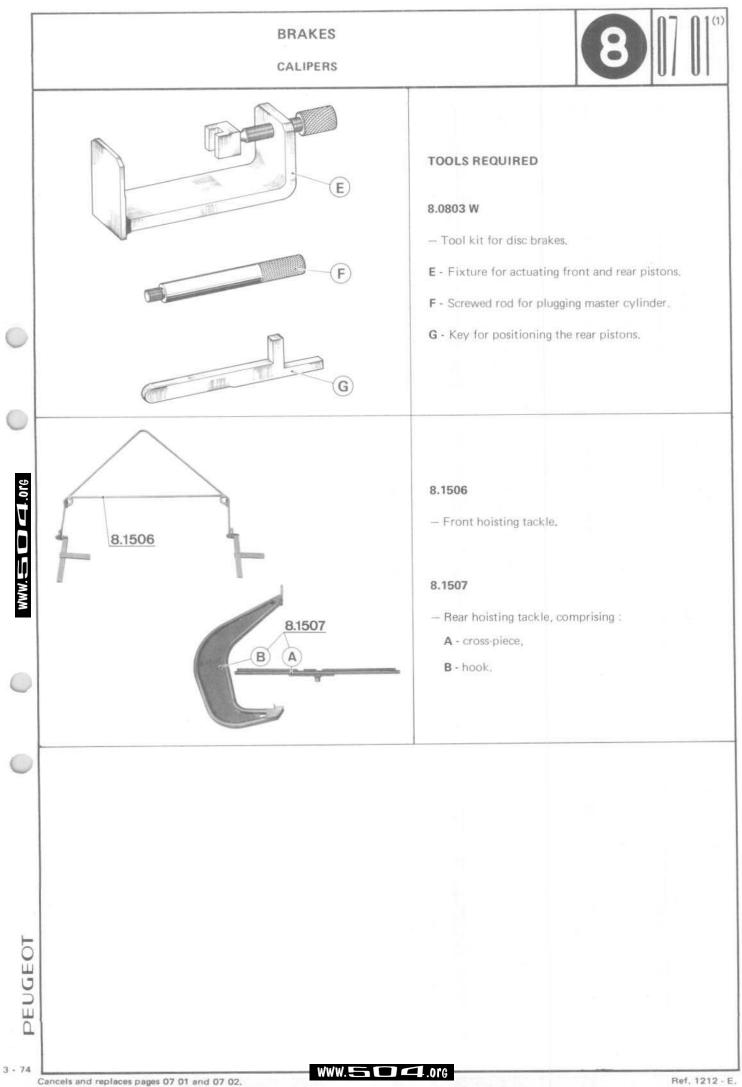


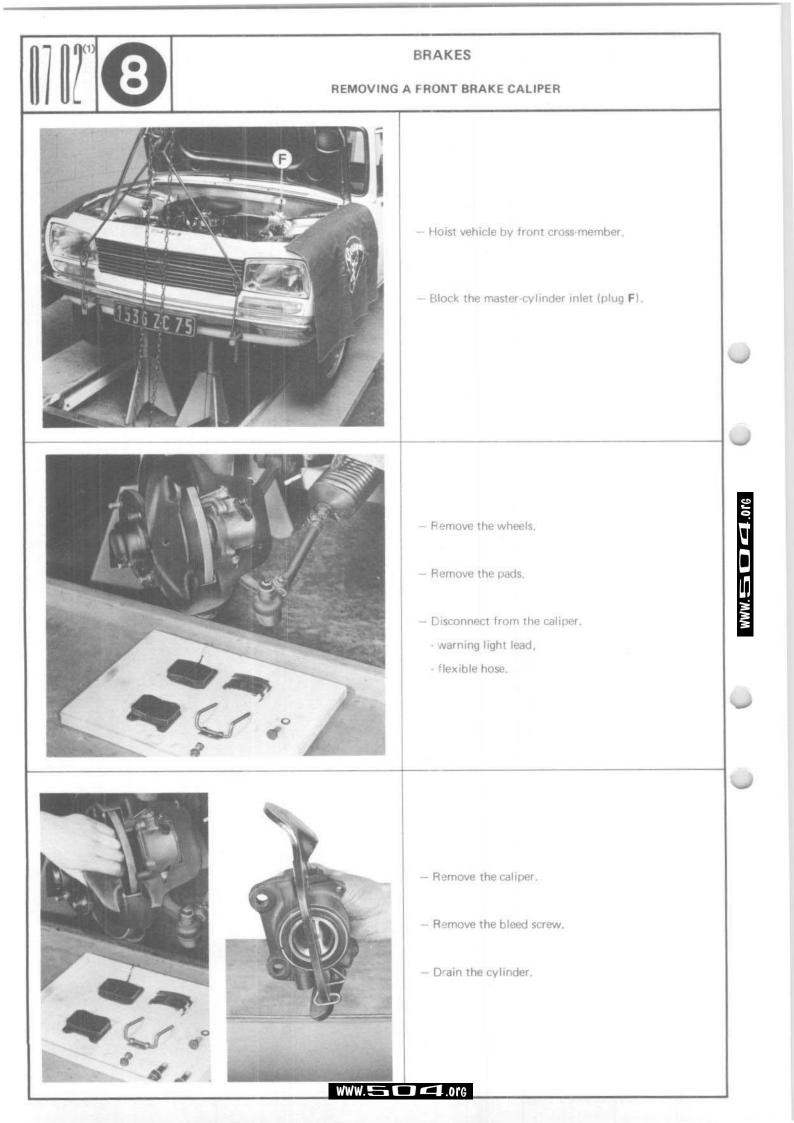


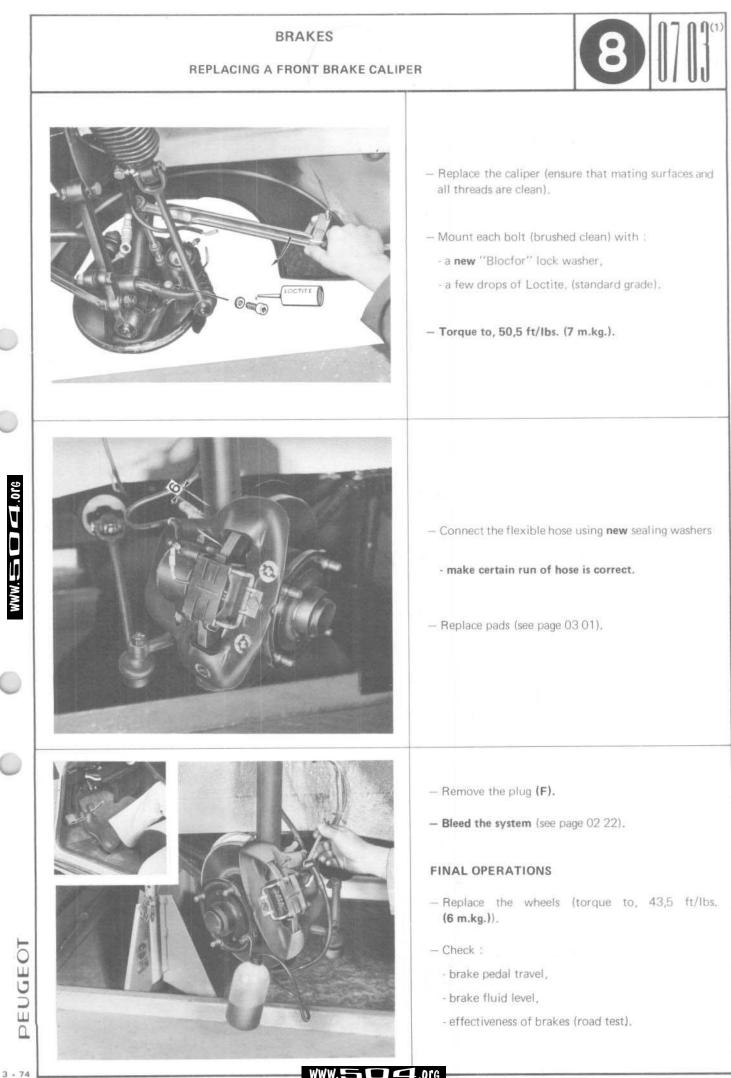




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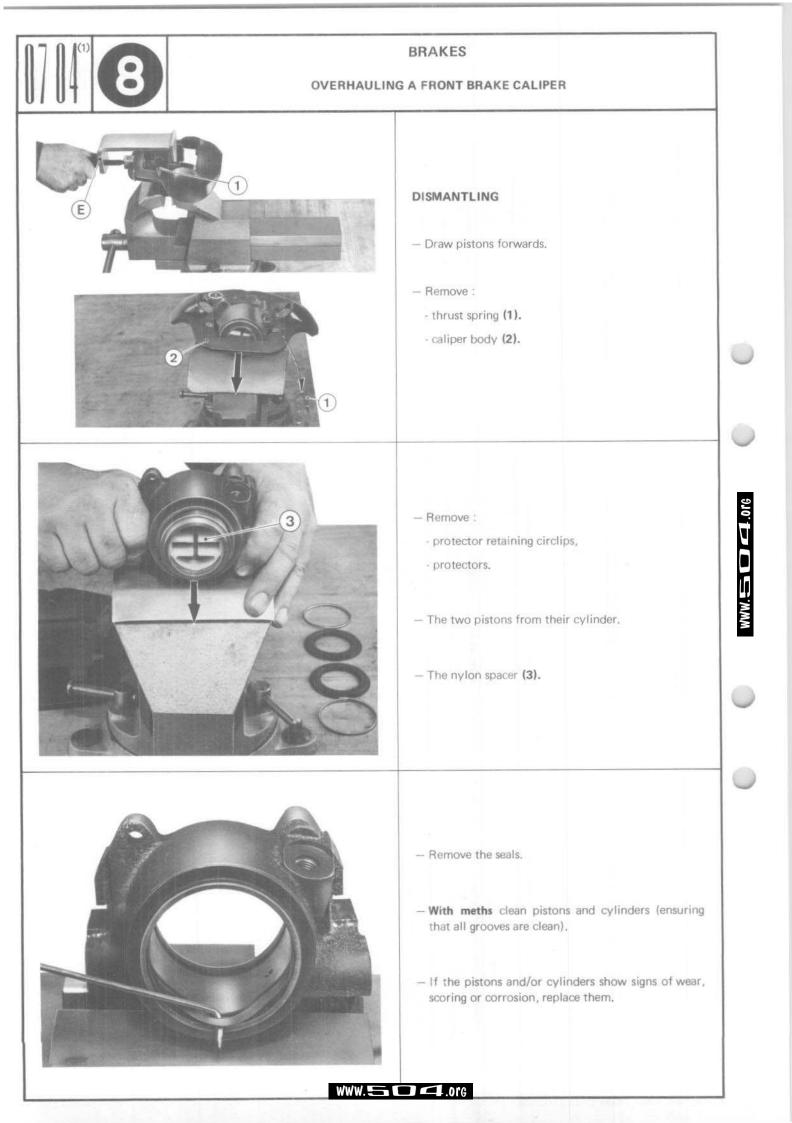


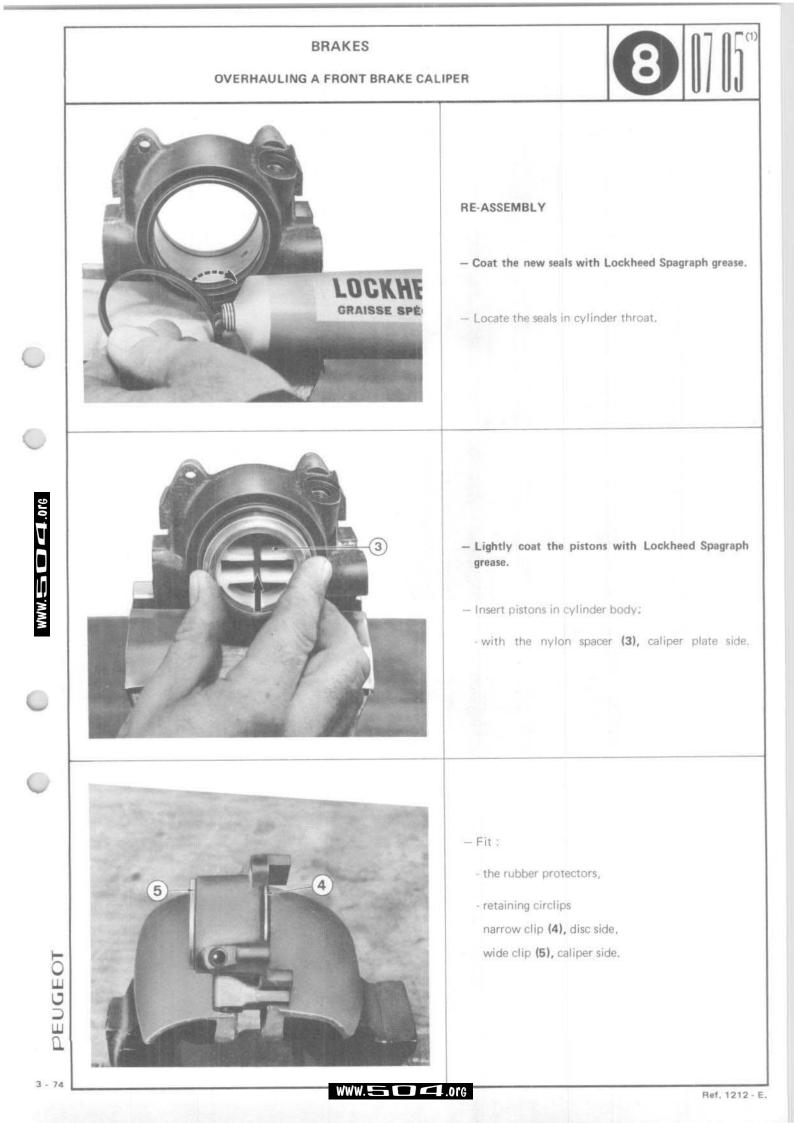


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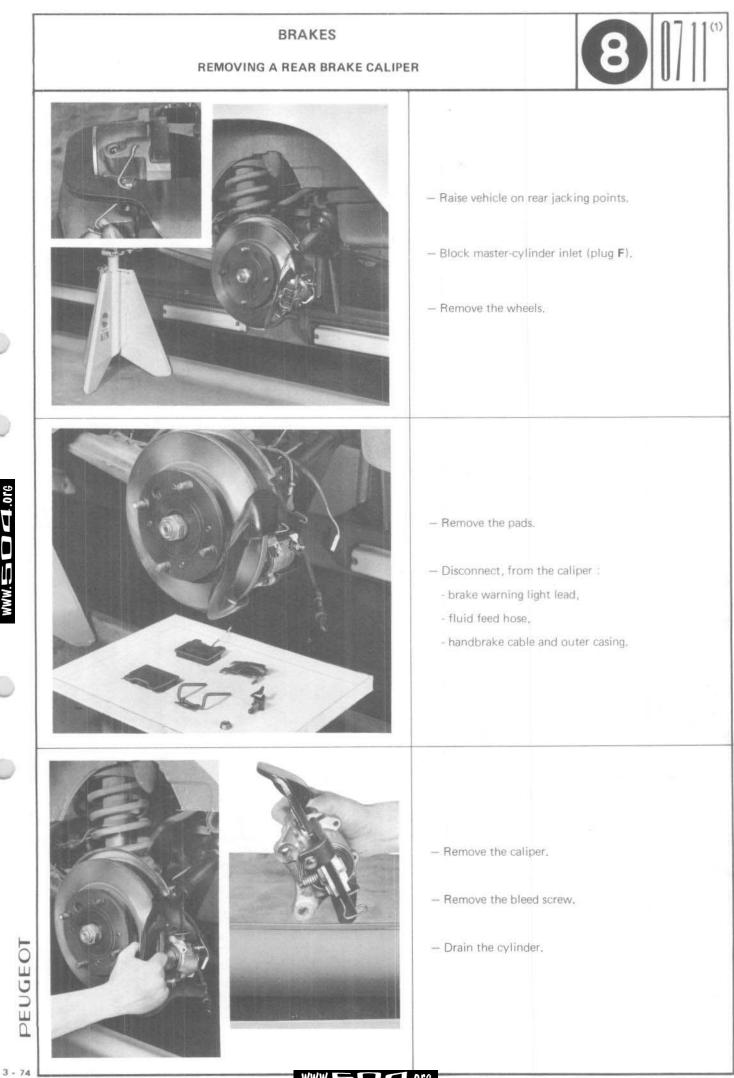
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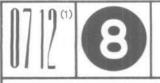
	1	
	BRAKES	
	 Lightly coat moving parts (a) with Molykote 321. Fit the caliper plate (b) with the aid of two pieces of 0,20 m/m thick shim (6). 	•
	 Fit the thrust spring (1). Assemble in place the pistons and caliper plate (hand tighten the fixture E). Re-fit the bleed screw. 	
WWW.E		



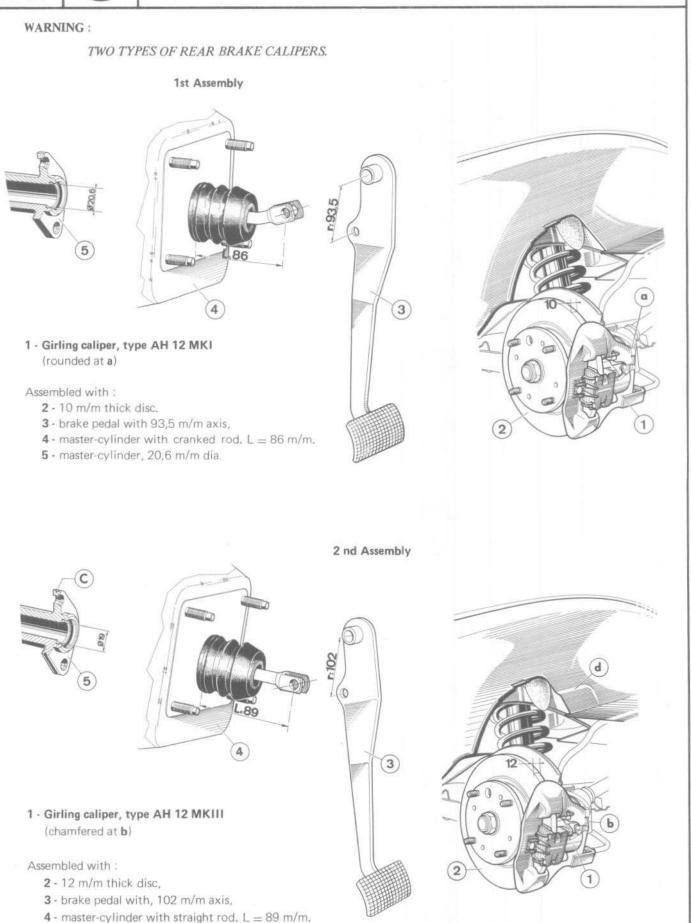
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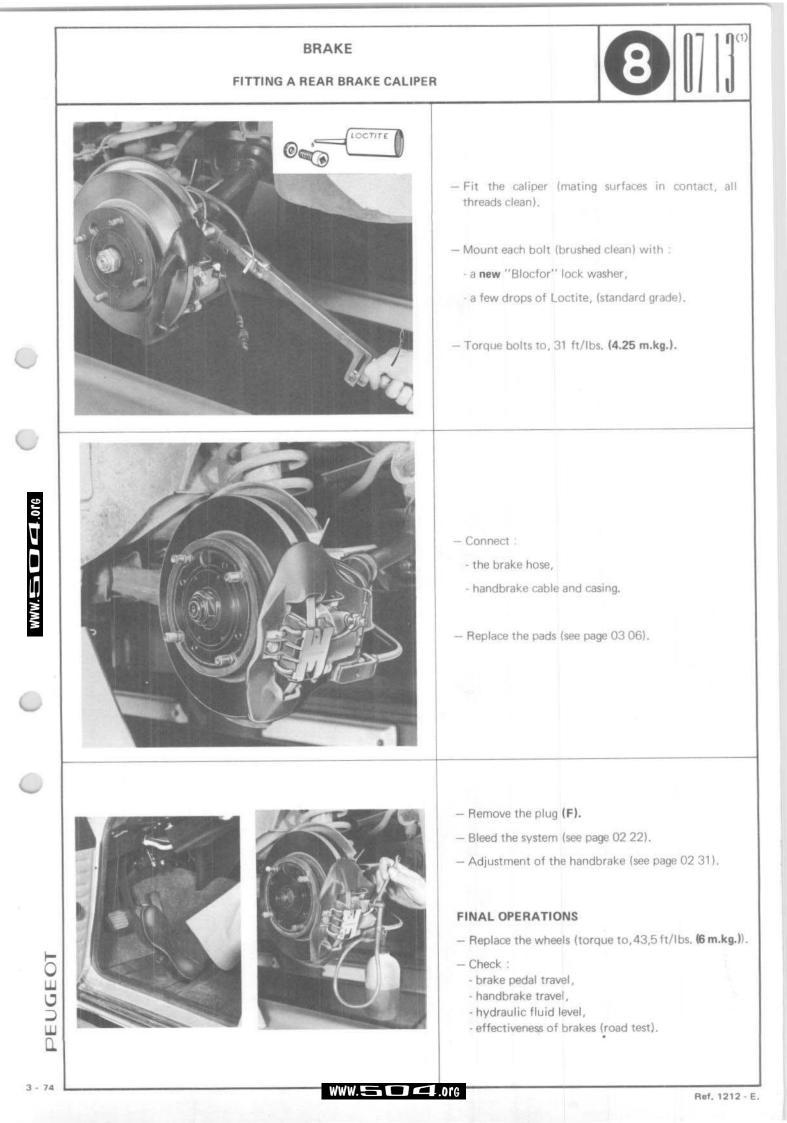
REPLACEMENT OF A REAR BRAKE CALIPER

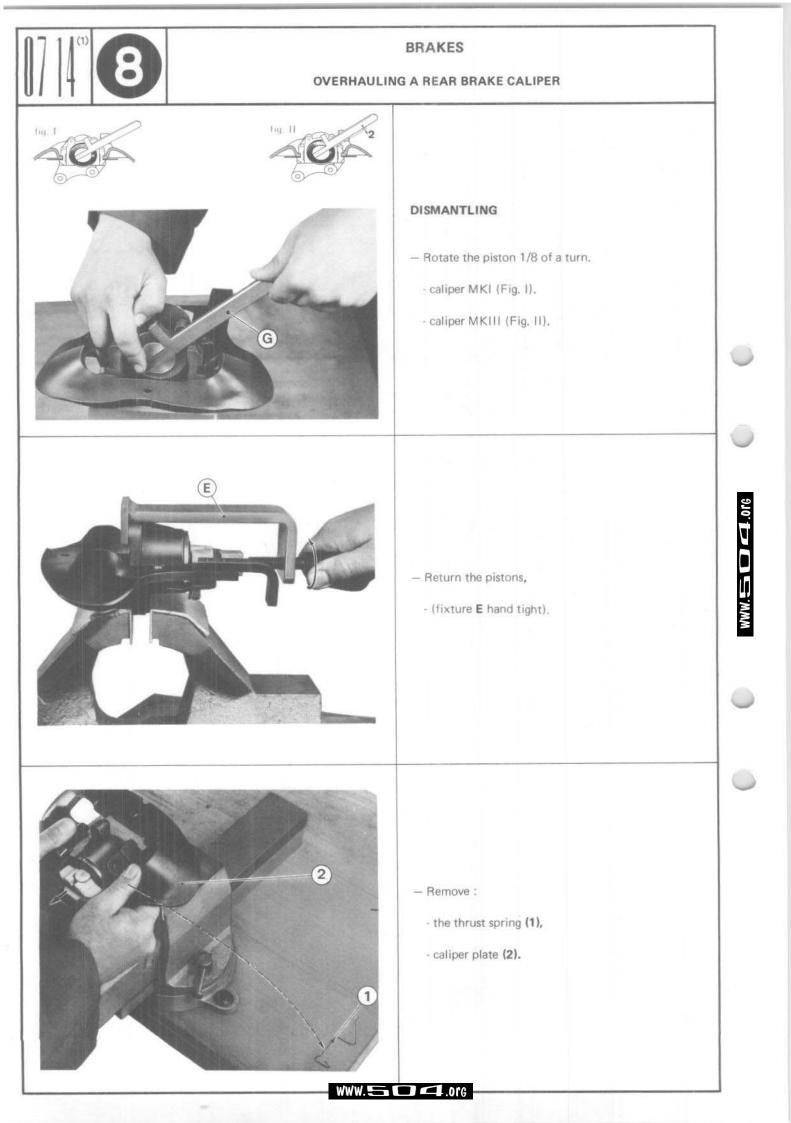


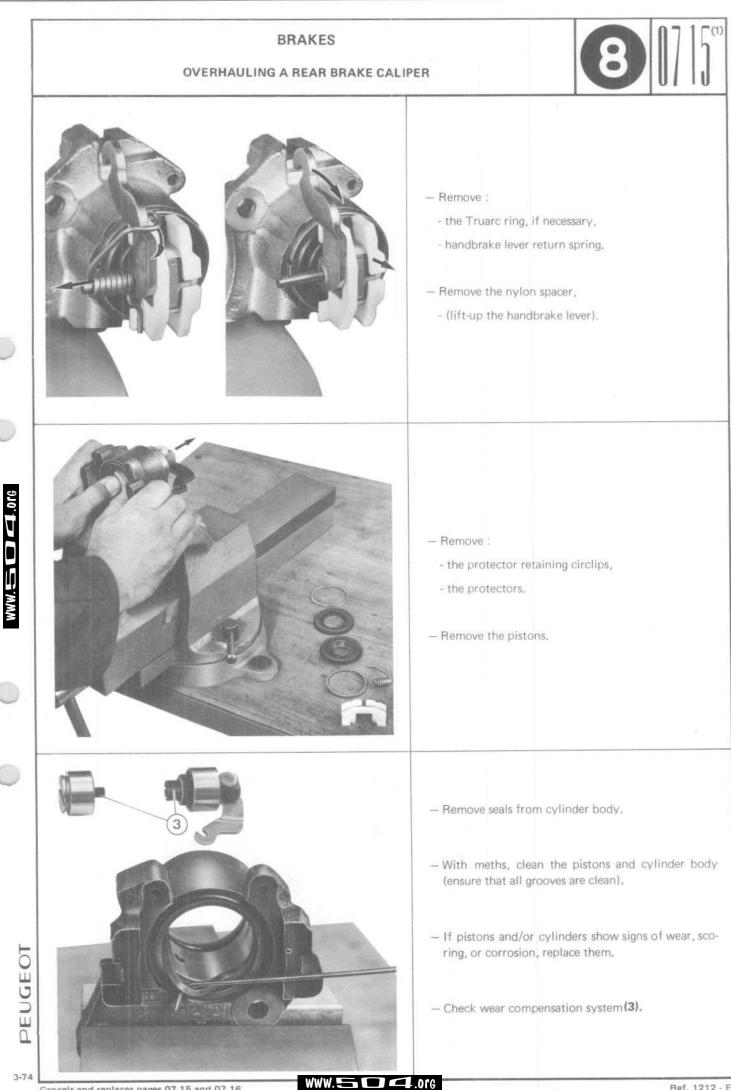
5 - master-cylinder 19 m/m dia. (groove at c).

WARNING - Parts from either assembly are not separately interchangeable. Girling calipers AH 12 MKIII are fitted only to vehicles whose hull is shaped as at (d).









Cancels and replaces pages 07 15 and 07 16.

Ref. 1212 - E.



OVERHAULING A REAR BRAKE CALIPER

REASSEMBLY

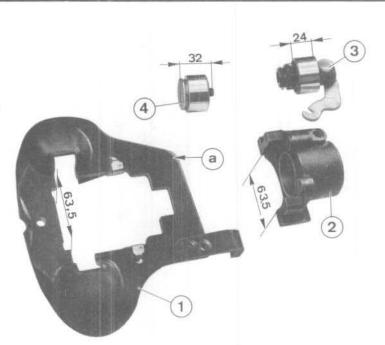
WARNING

TWO TYPES OF REAR BRAKE CALIPER.

I - Girling caliper, type AH 12 MKI.

Assembled with :

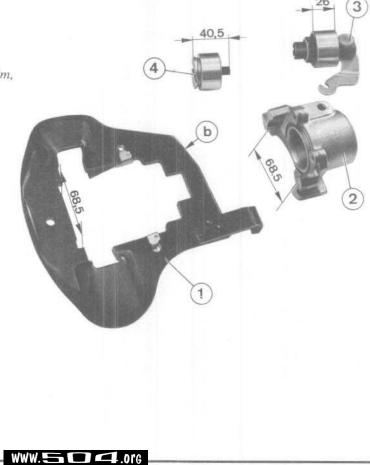
- 1 caliper plate rounded at (a) L = 63.5 m/m,
- 2 cylinder body L = 63.5 m/m,
- 3 piston L = 24 m/m,
- $4 \cdot piston$ L = 32 m/m.



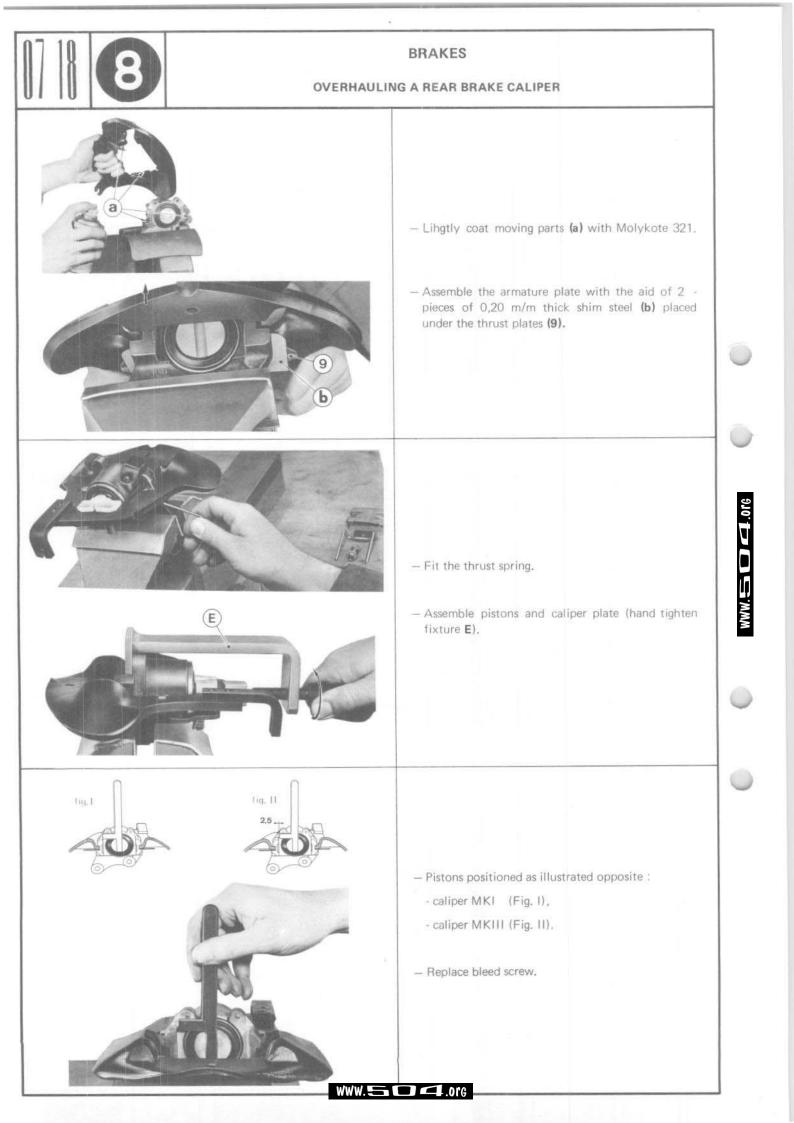
II - Girling caliper type AH 12 MKIII

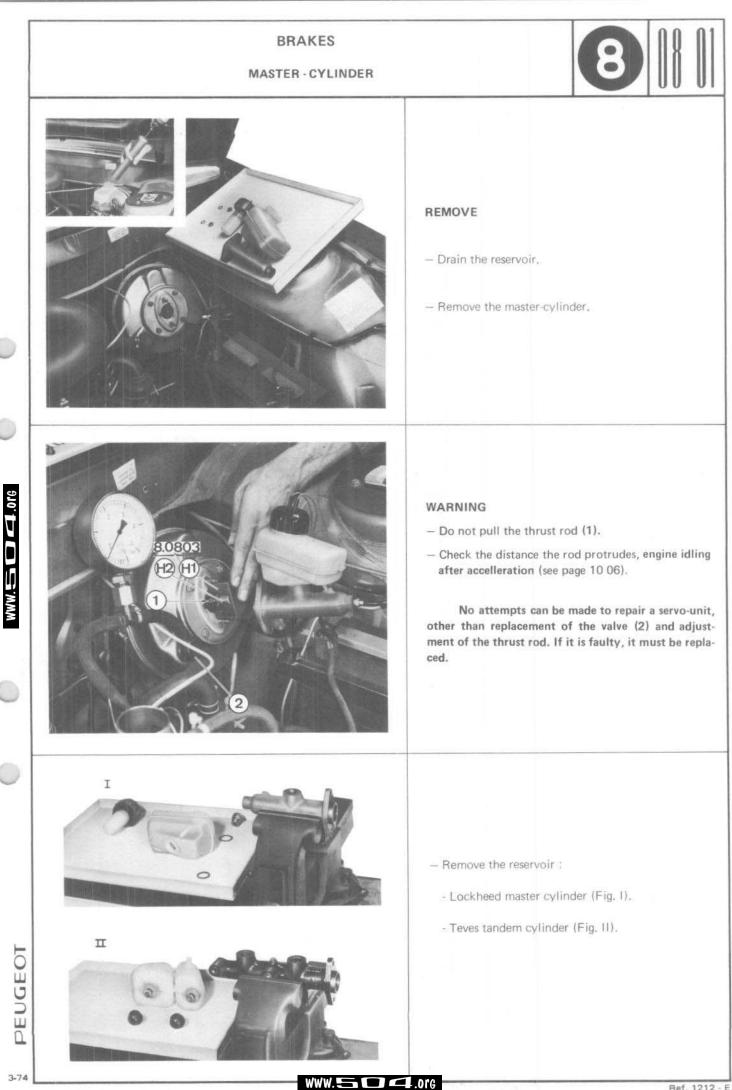
Assembled with :

- 1 caliper plate chamfered at (b) L = 68,5 m/m,
- 2 caliper body L = 68.5 m/m,
- $3 \cdot piston \quad L = 26 \text{ m/m}.$
- 4 piston L = 40,5 m/m.









Ref. 1212 - E.

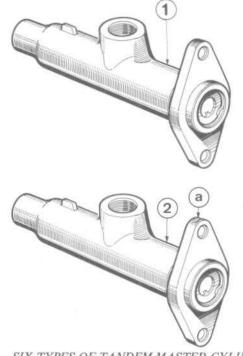


MASTER-CYLINDER

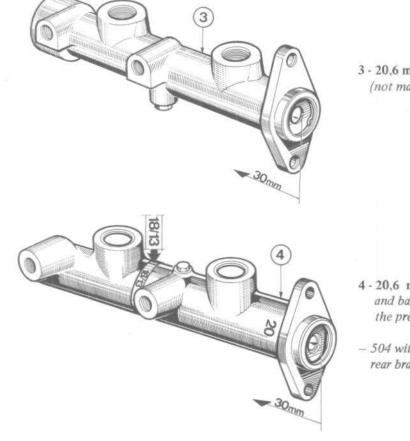
REPLACEMENT

WARNING :

TWO TYPES OF STANDARD MASTER-CYLINDER



- 1 20,6 m/m dia. (not marked) fitted to :
- 504 with Girling type AH 12 MKI rear calipers.
- 504 derivatives.
- 2 19 m/m dia. (groved a) fitted to :
- 504 with Girling type AH 12 MKIII rear calipers.
- 504 L.
- SIX TYPES OF TANDEM MASTER-CYLINDER

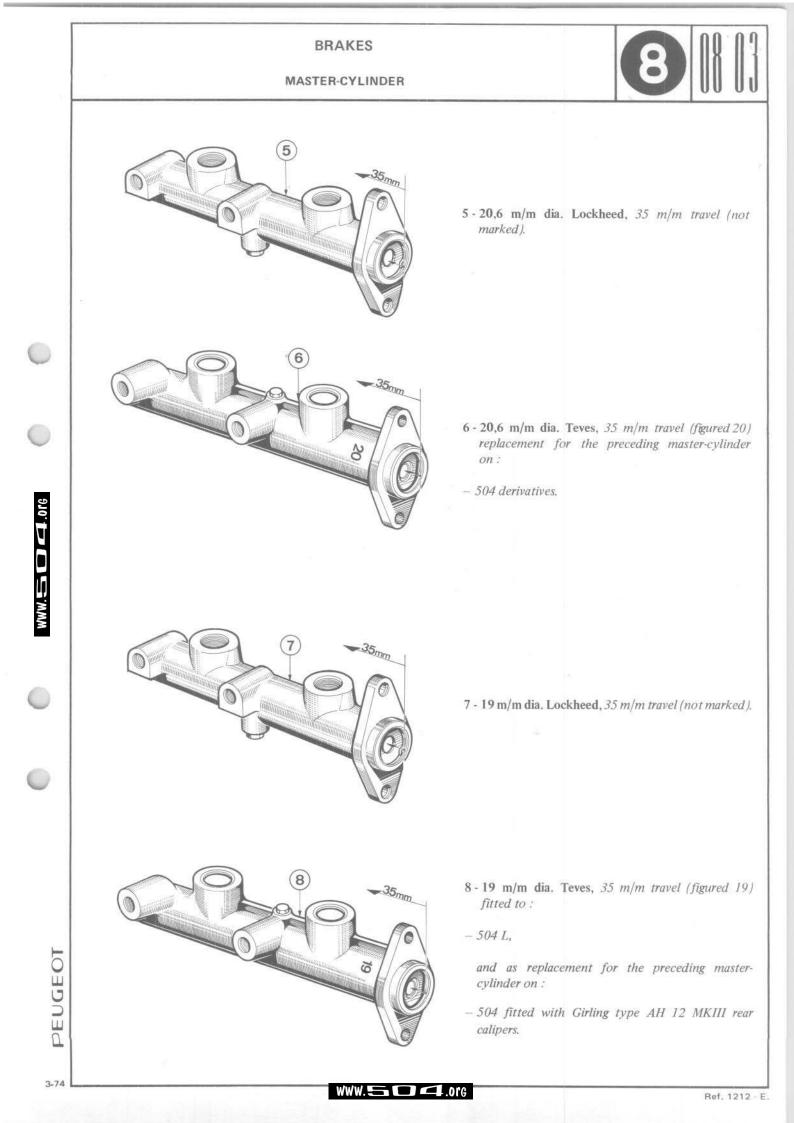


3 - 20,6 m/m dia. Lockheed, 30 m/m travel (not marked).

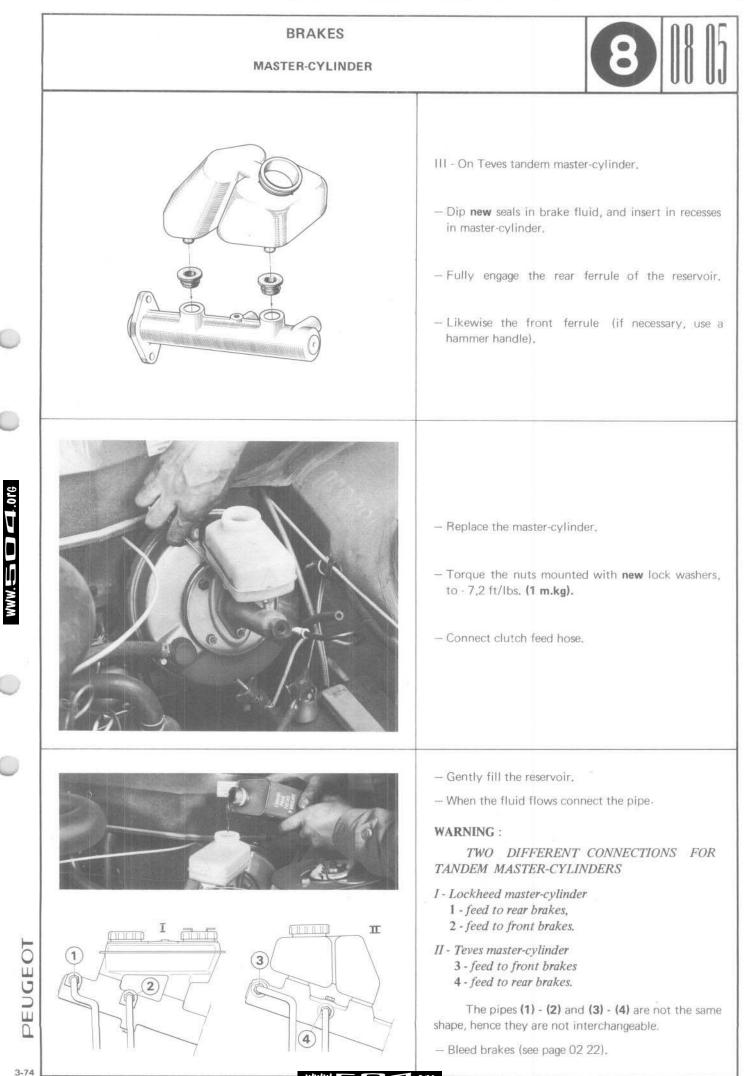
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4 - 20,6 m/m dia. Teves, 30 m/m travel. (figure 20 and band marked 18 - 13) fitted as replacement for the preceding master-cylinder (3) on :

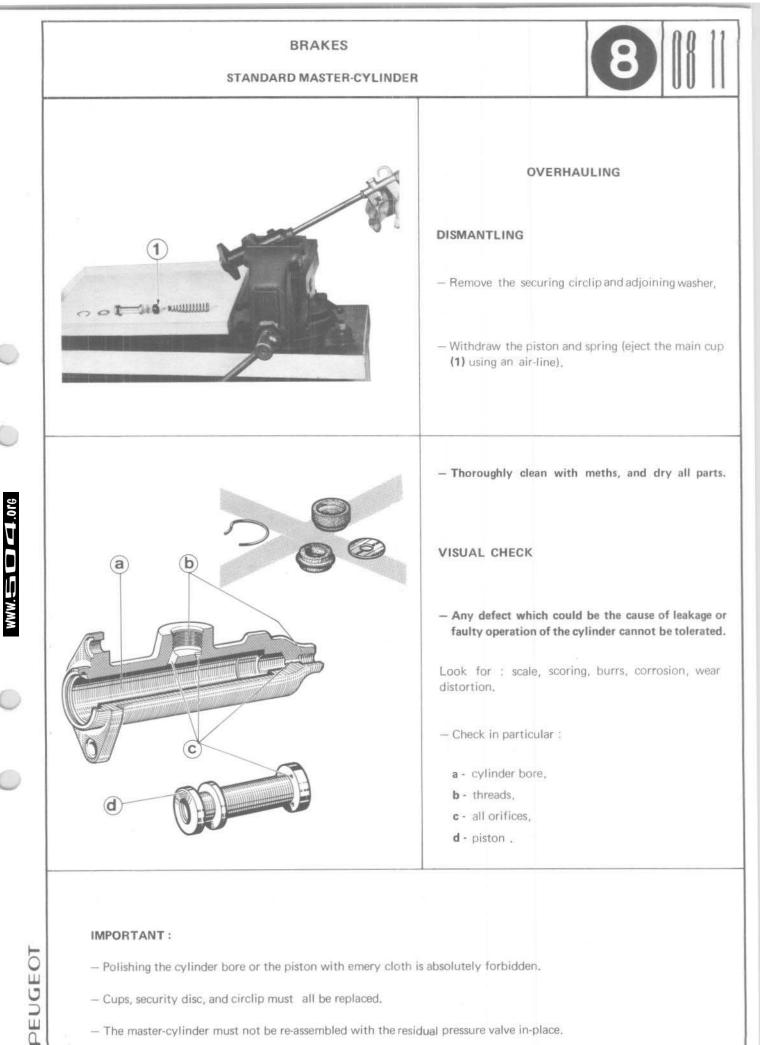
 504 with Girling type AH 12 MKI rear brake calipers.



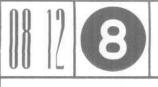
	BRAKES	
	ASTER-CYLINDER	
	 Reassembling the reservoir : in all cases fit one or two new "rubber" seals "S". torque union screw to, 11 ft/lbs (1,5 m.kg.) 1 - Standard master-cylinder comprises : union screw shouldered and screwed 16 x 18,5. washer, 19,2 x 27 x 0,5 m/m. reservoir, "rubber" washers, 18 x 23 x 2,5. II - Lockheed tandem master-cylinder, separate reservoirs, the flats (a) located towards the rear. WARNING : <i>TWO DIFFERENT ASSEMBLES</i> 1° - U.S.A. <i>Union screw 16 x 18 φ</i>, <i>reservoir-hole 16,5 φ</i>, "rubber" washers 17 x 23 x 3. 2° - SWEDEN shouldered union screw φ 16 x 18,5. washers 19,2 x 27 x 0,5. reservoir-hole 19,5 m/m φ "rubber" washers 18 x 23 x 2,5. 	
<image/>	 dual reservoir 1 - shouldered union screw, Ø 16 x 17, 2 - washer, 19,2 x 27 x 0,5. 3 - reservoir, 4 - "rubber" washers, 18 x 23 x 2,5. 	

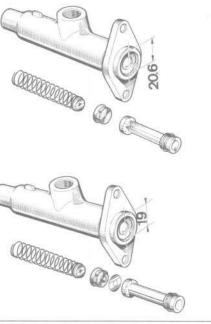


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- Cups, security disc, and circlip must all be replaced.
- The master-cylinder must not be re-assembled with the residual pressure valve in-place.





STANDARD MASTER-CYLINDER

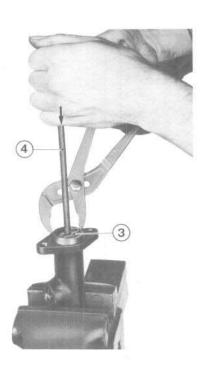
RE-ASSEMBLY

WARNING :

TWO TYPES INVOLVED

1 - 20,6 m/m dia. master-cylinder,

2 - 19 m/m dia. master-cylinder.



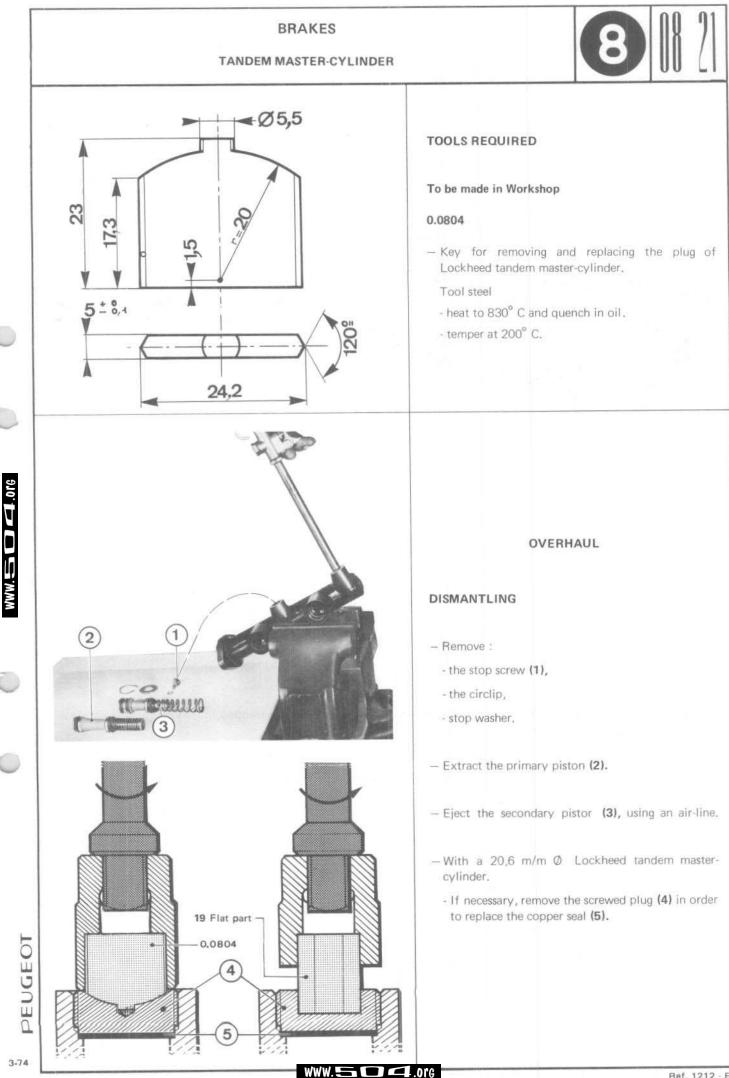
 Prior to assembly all parts, absolutely clean, must be lubricated with brake fluid.

- Assemble :

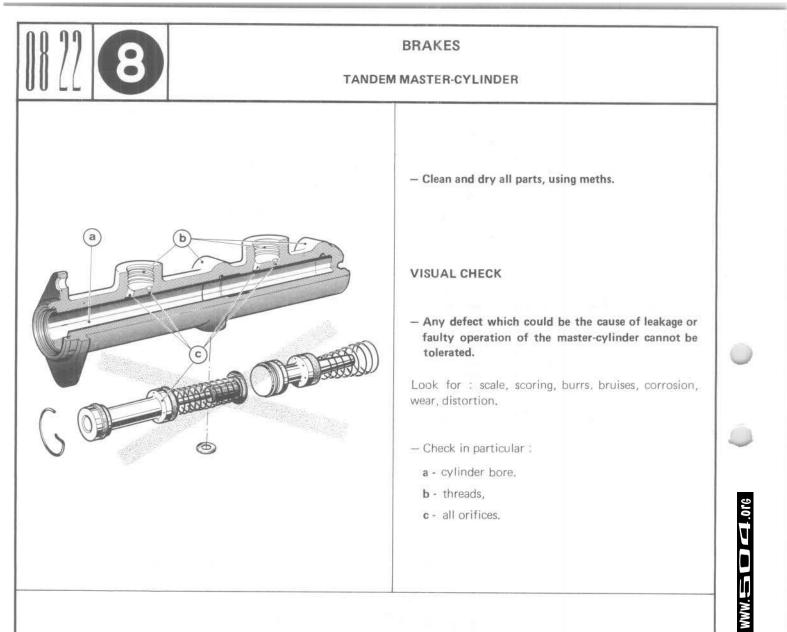
- the security disc (2) and main cup (1),
- the secondary cup and piston (lip (a) towards the front).

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- Fit the sequence of components without damaging the cups (the metal spring cup (b) bearing on the main cup (1)).
- Fit :
 - the stop washer,
 - a new circlip (3), with the aid of rod with a rounded end (4).
- Pass air through the outlet (d). Air should escape by the return orifice (e) without any apparent leakage.
- Operate the piston a number of times in order to ensure that it returns to its stop, and that there are no "hard-spots".



Ref. 1212 - E.



WARNING - The primary and secondary piston sub-assemblies should not be dismantled. In the event of deterioration of either piston, replace both, sub-assemblies.

Polishing the cylinder bore with emery cloth is absolutely forbidden.

TANDEM MASTER-CYLINDER



ASSEMBLY

WARNING - Never remove the piston cup and spring.

In the event of deterioration of any of these parts (cups, pistons, springs) replace complete.

WARNING :

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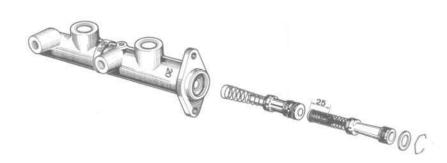
PEUGEOT

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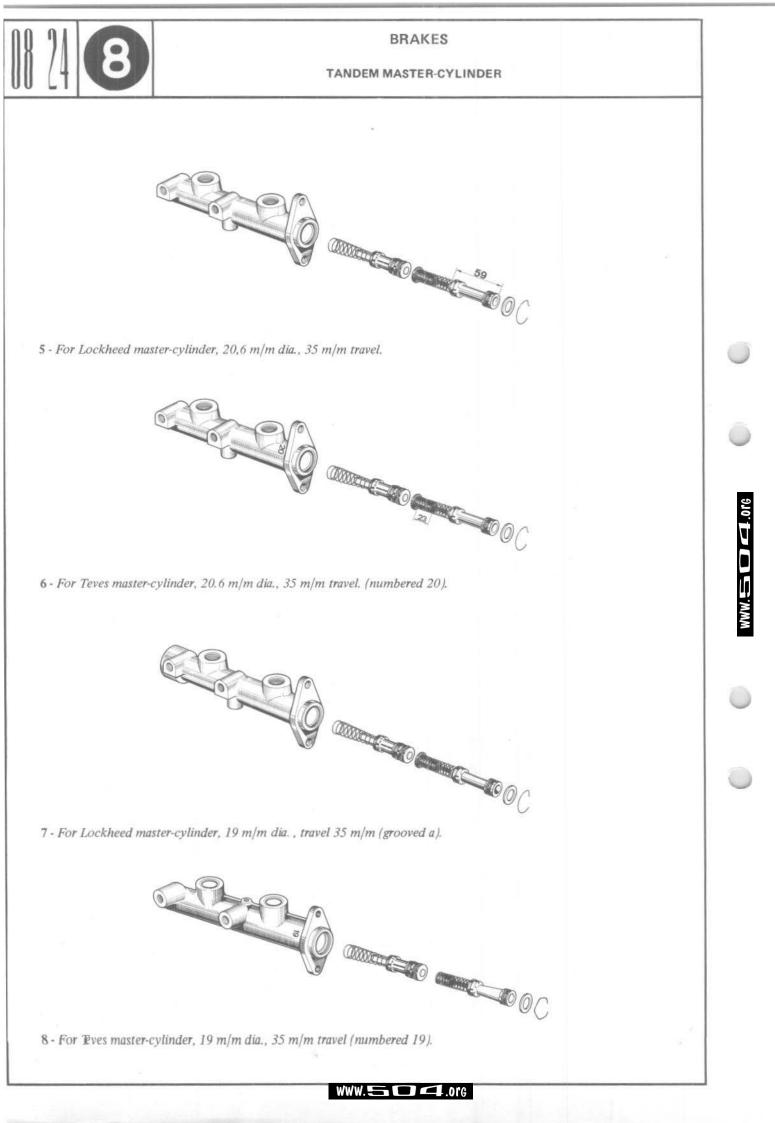
SIX DIFFERENT MODELS ARE INVOLVED.

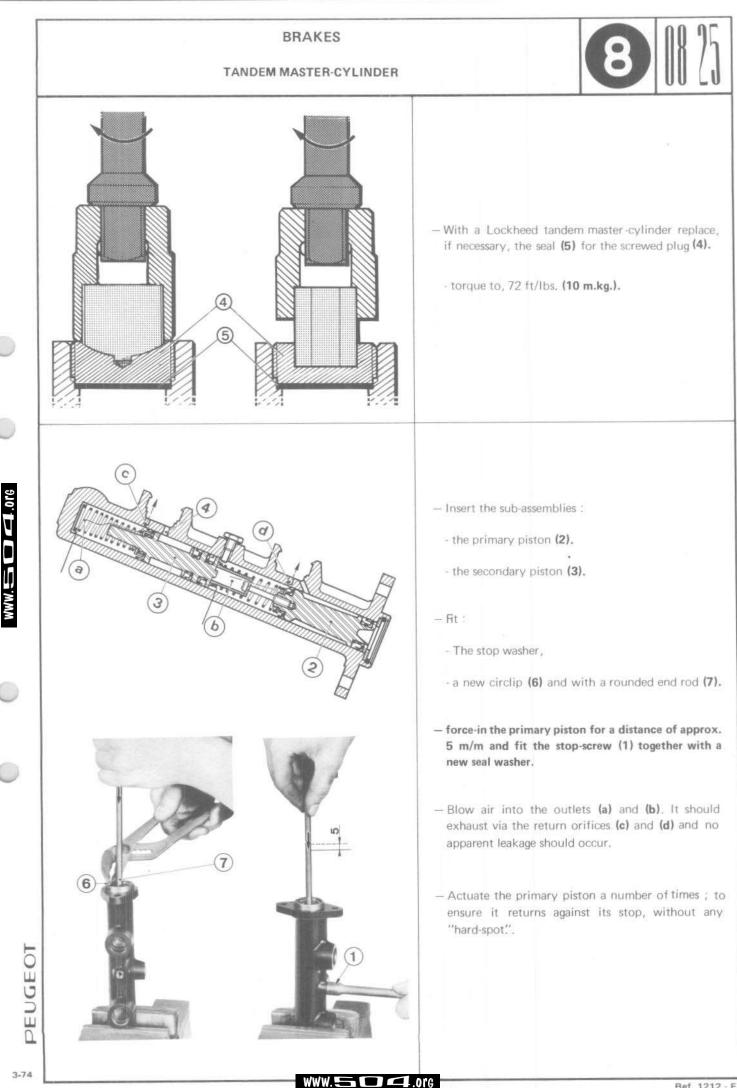


3 - For Lockheed master-cylinder, 20,6 m/m dia., 30 m/m travel.



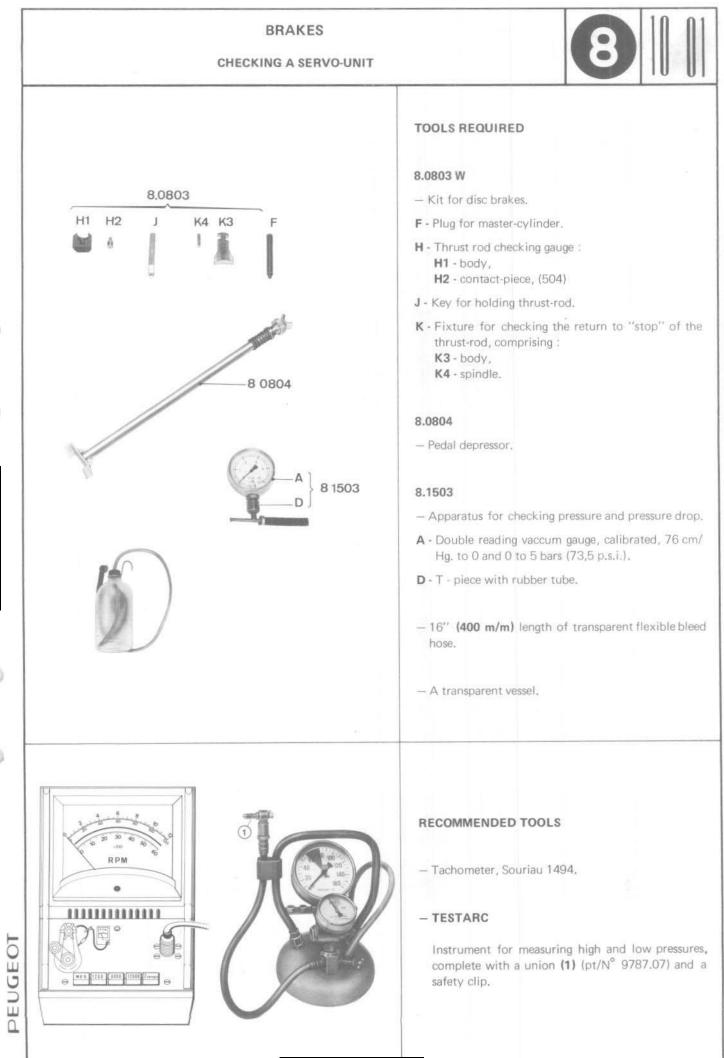
4 - For Teves master-cylinder, 20,6 m/m dia., 30 m/m travel. (numbered 20 and with identification band, 18-13).





Ref. 1212 - E.

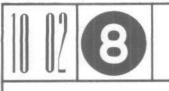




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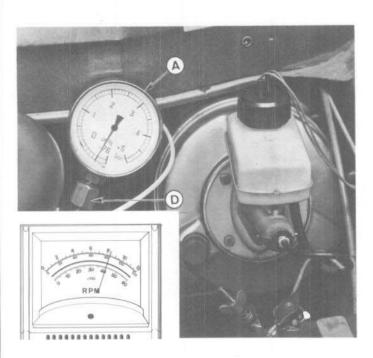
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BRAKES

CHECKING A SERVO-UNIT





504 petrol engine

- Connect :

- vacuum gauge,

- tachometer.
- Run engine until fan cuts-in.
- Check idling speed (504 carb. 800 r.p.m., inj. 850).
- Accelerate to 4,500 r.p.m.
- Decelerate abruptly.

Maximum vacuum indicated during deceleration should be equal to or greater than, 500 mm/Hg.

504 Diesel

- Connect vacuum gauge.
- Run engine at fast idling for not less than 1 minute.
 The indicated vacuum should ne equal to or greater than, 500 mm/Hg.

IF VACCUM IS LESS THAN 500 mm/Hg.

- Disconnect the valve (1).
- Re-check, blocking the valve connection with the thumb.

1st example . Vacuum is still less than 500 mm/Hg.

Air losses adjacent ot the valve.

In particular : on 504 petrol.

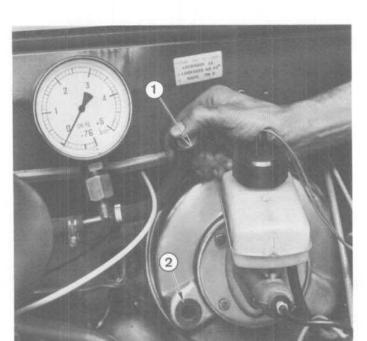
- abnormal air entry : deterioration and/or lack of tightess of :
- the valve,
- hoses and pipes,
- carburettor mounting flange,
- the air distribution chamber "rubber" busches on 504 injection.
- condition of engine : check compression in each cylinder on 504 Diesel.
- abnormal air-entry : deterioration or lack of tightness of the valve and/or hoses and pipes.
- condition of the vacuum pump : first check belt tension.

2nd example . Vacuum is equal to or greater than, 500mm/Hg.

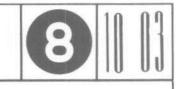
- Replace the valve fitted with a new seal (2).
- Repeat tests.

If the vacuum is again less than 500 mm/Hg, the servounit is suspect.

NOTA - Take into account the fall in atmospheric pressure above an altitude of 1 000 m. Thus, a vacuum of 370 mm/Hg. is acceptable at 2 000 m.



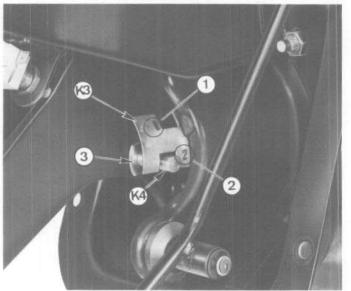


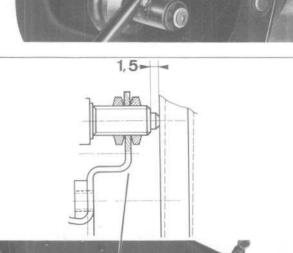


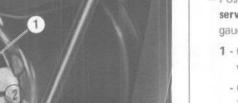
BRAKES

CHECKING A SERVO-UNIT









II - CHECKING RETURN TO "STOP"

- Free the servo-unit (five applications of the brake pedal with engine switched-off).
- Replace the pivot pin with gauge rod (K4) "pushed home".
- Slacken a bleed screw (connect bleed tube and vessel).
- Depress the brake pedal, fully.
- Re-tighten the bleed screw.
- Slowly release the brake pedal.
- Position the gauge (K3) so that it presses against the servo-unit at the foot of the rubber bellows. the gauge rod (K4) should engage freely in the notch.
 - 1 On all 504 LH drive saloon models, Mastervac with cranked thrustrod (3).
 - On 504 RH drive saloons equipped with a 20,6 m/m dia. master cylinder.
 - 2 On 504 LH drive saloon models Mastervac with straight thrustrod (3).
 - Derivatives of 504.
 - On 504 L
 - On 505 RH drive saloons equipped with a 19 m/m dia, master-cylinder.

If the thrust rod does not engage with the corresponding notch.

- Check :
 - the adjustment of the stop light switch (working clearance 1,5 m/m.).
 - the free movement of the break pedal.

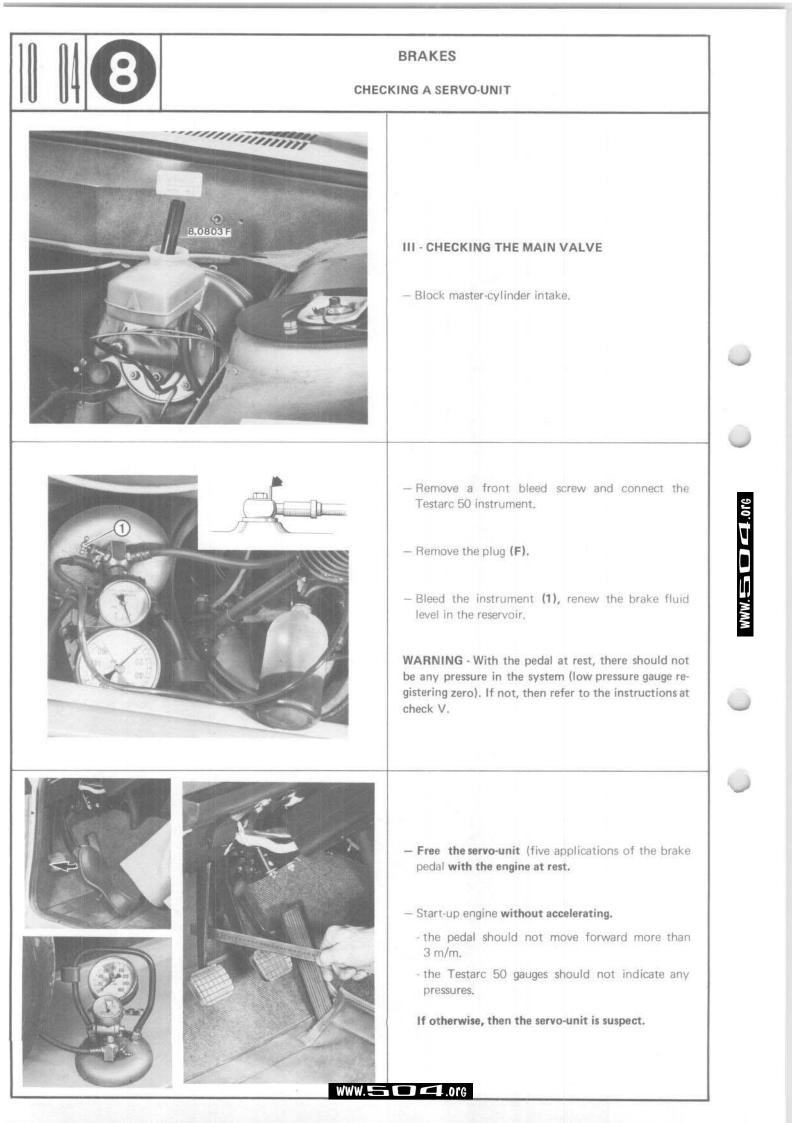
If adjustment of the stop light switch and the brake pedal is correct, then the servo-unit is suspect

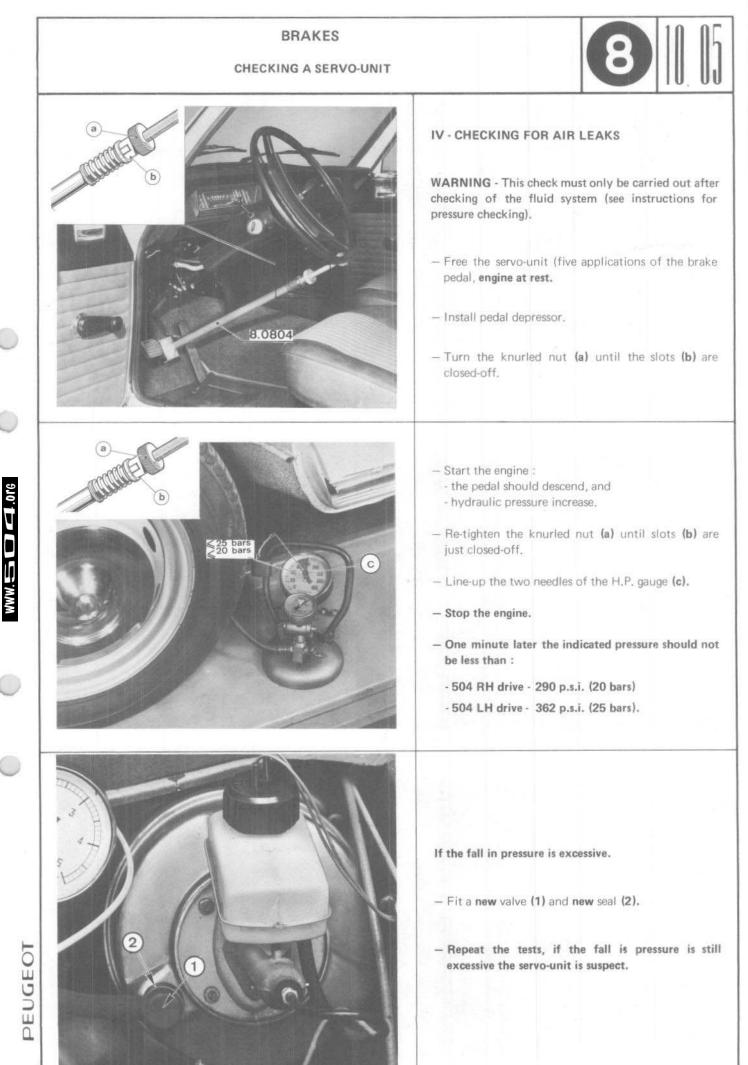
- Replace pivot pin and secure with a new clip.

PEUGEOT

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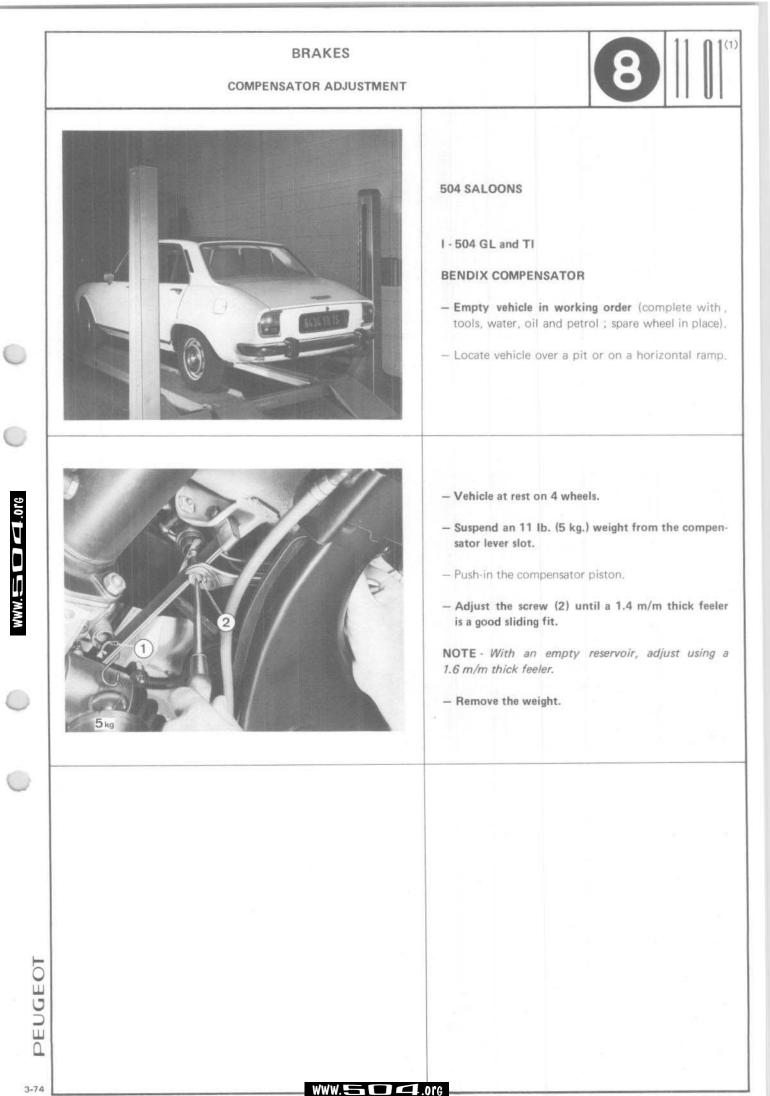


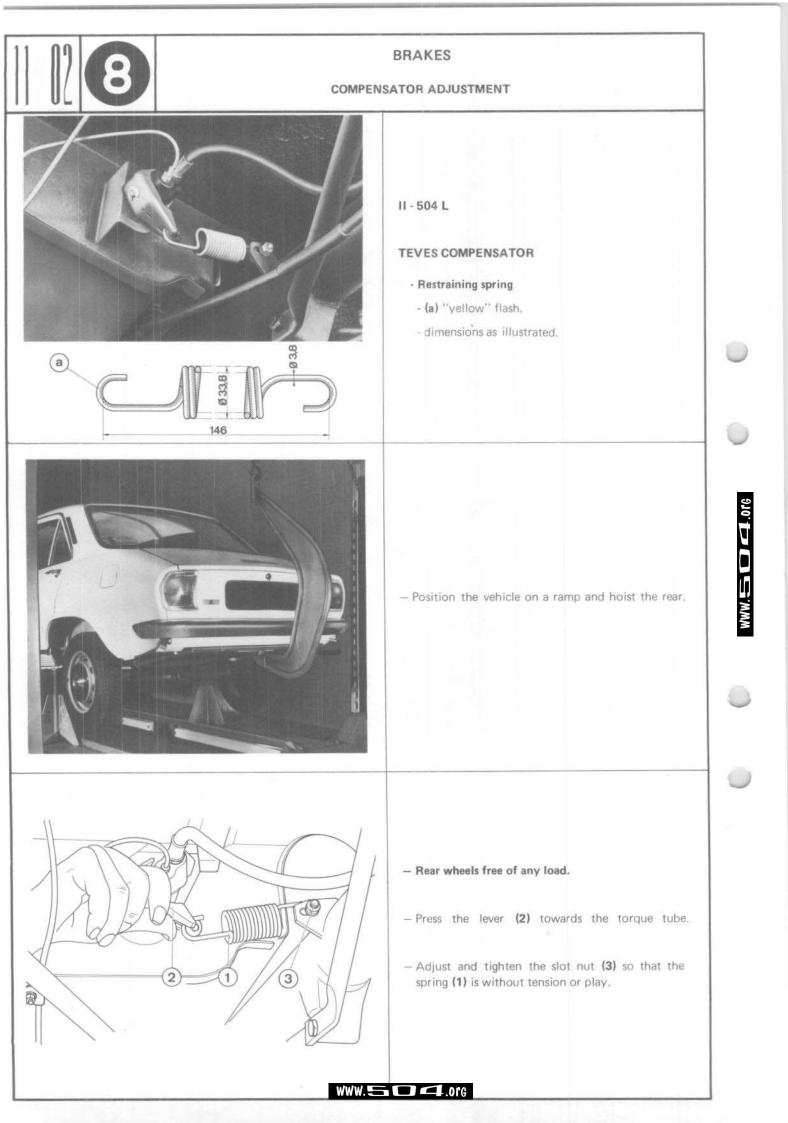
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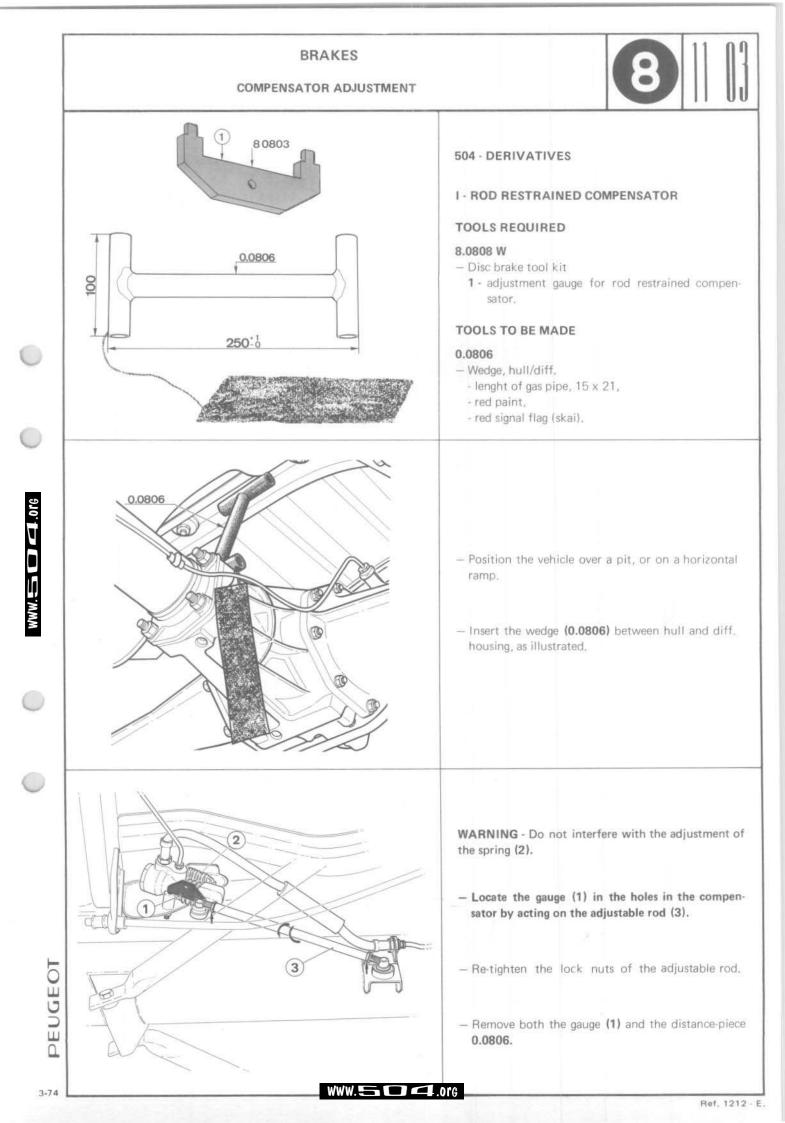
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СН	BRAKES ECKING A SERVO-UNIT
	 V - CHECKING AND ADJUSTING THE THRUST ROD WARNING - Adjustment of this rod can only be made if the conditions of I, II and III have been satisfied. Depress and release the brake pedal, abruptly, pres- sure should fall instantly and completely (zero on the L.P. gauge, connected at the front.
	If pressure does not fall to zero - Remove the master-cylinder without disconnecting the pipework. If the pressure still does not fall, overhaul the master- cylinder. WARNING - Never pull the thrustrod (1);
	 If the pressure falls to zero after removal of the master-cylinder. Master-vac giving a reading of 500 mm/Hg. : (see check 1) adjust the thrust-rod (1) in such a manner as it just grazes the base of the gauge (fig. 1) when the gauge is bearing on the mounting flange of the master cylinder. Accelerate the engine and briskly release the throt-tle drum several times. If not instance should the thrust rod abut on to the base of the gauge.

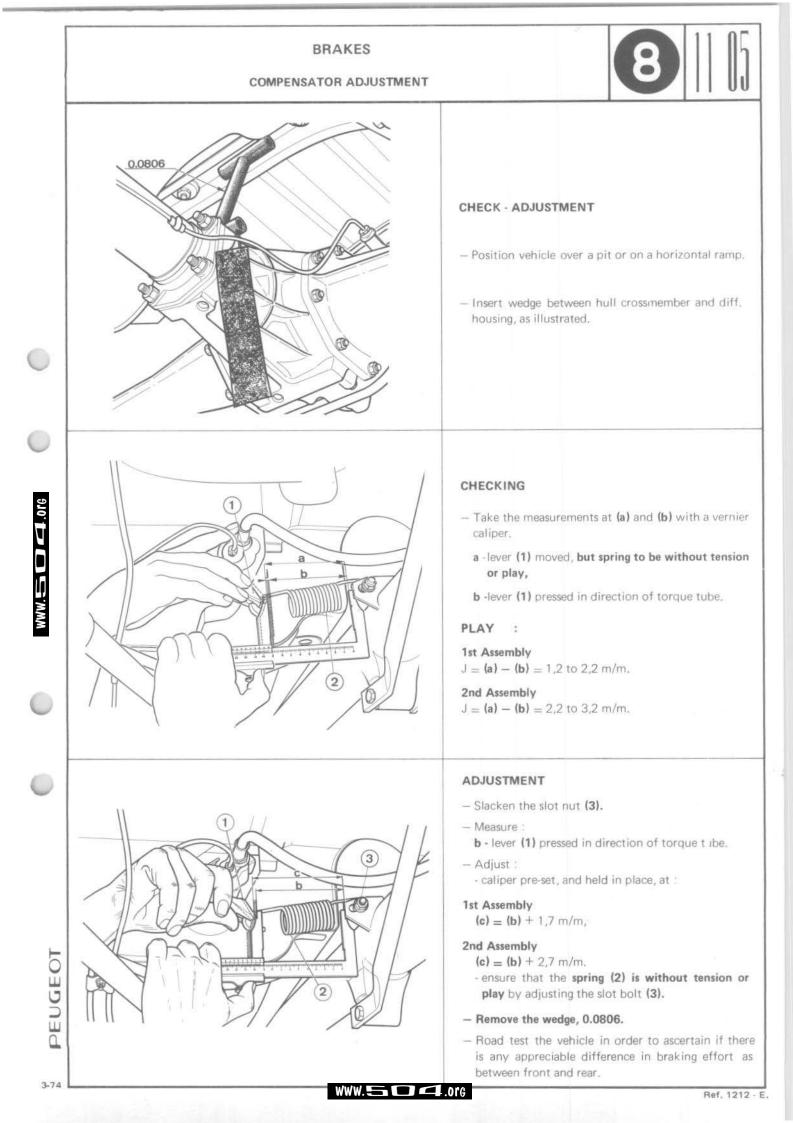
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BRAKES
II - SPRING RESTRAINED COMPENSATOR TOOL TO BE MADE 8.0803 - Wedge - hull/diff. - length of gas pipe, 15 × 21. - red paint, - red signal flag (skai). WARNING WARNING MARNING MARNING Ist assembly - Compensator mounted on bracket (1) at ~ 45 mm.(a). - Restraining spring. - no identification mark, - dimensions as illustrated
2nd assembly - Compensator mounted on bracket (1) at $\simeq 25 \text{ m/m}$ (a). - Restraining spring - identification - blue flash (b). - dimensions as illustrated. WW. \Box \Box \Box \Box \Box \Box



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BRAKES

HYDRAULIC LINES



Ref. 1212 - E.

FLEXIBLE HOSES

The brake hoses are susceptable to attack by hydrocarbons, hence avoid contact with grease, lubricating oil, petrol, etc...

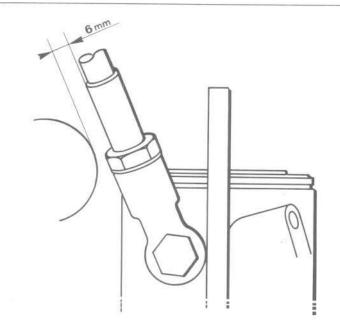
The condition of hoses must be checked under maximum pressure by hard application of the brake pedal, with engine running.

Hoses must be fitted without distortion as indicated below, ensuring that there is no risk of contact with the bodywork or with mechanical parts when,

- operating the steering,

WWW. 504.0rg

- action of the suspension.

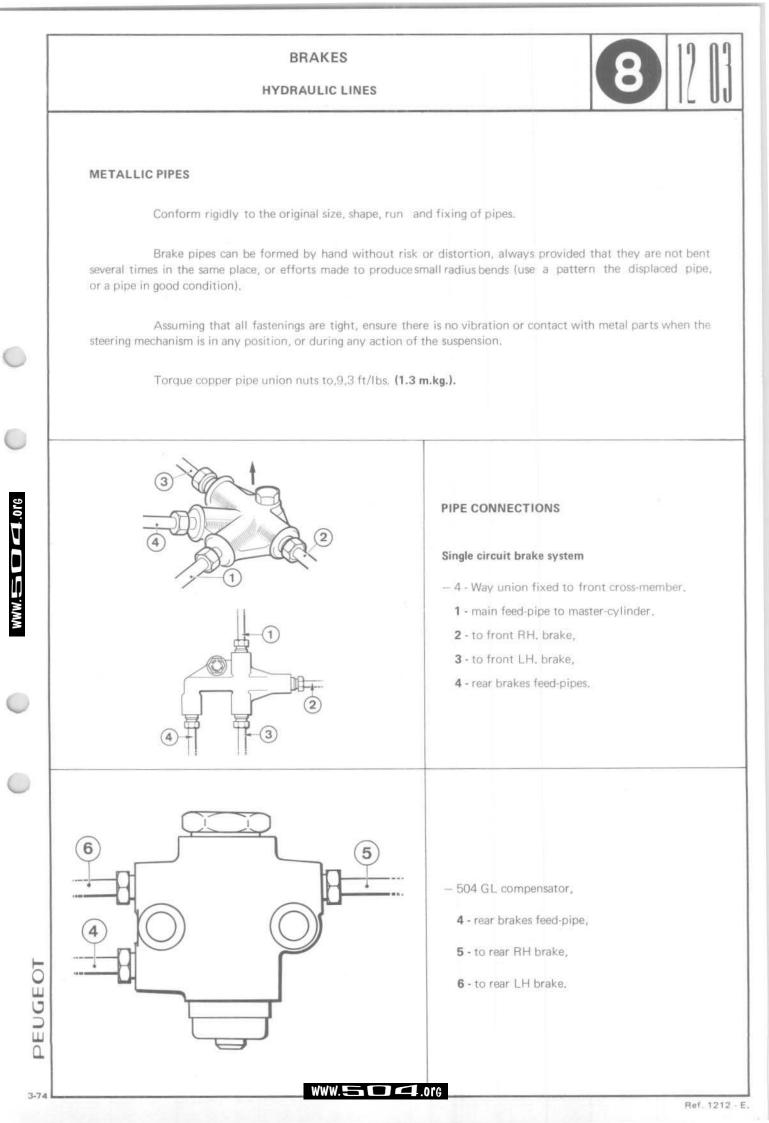


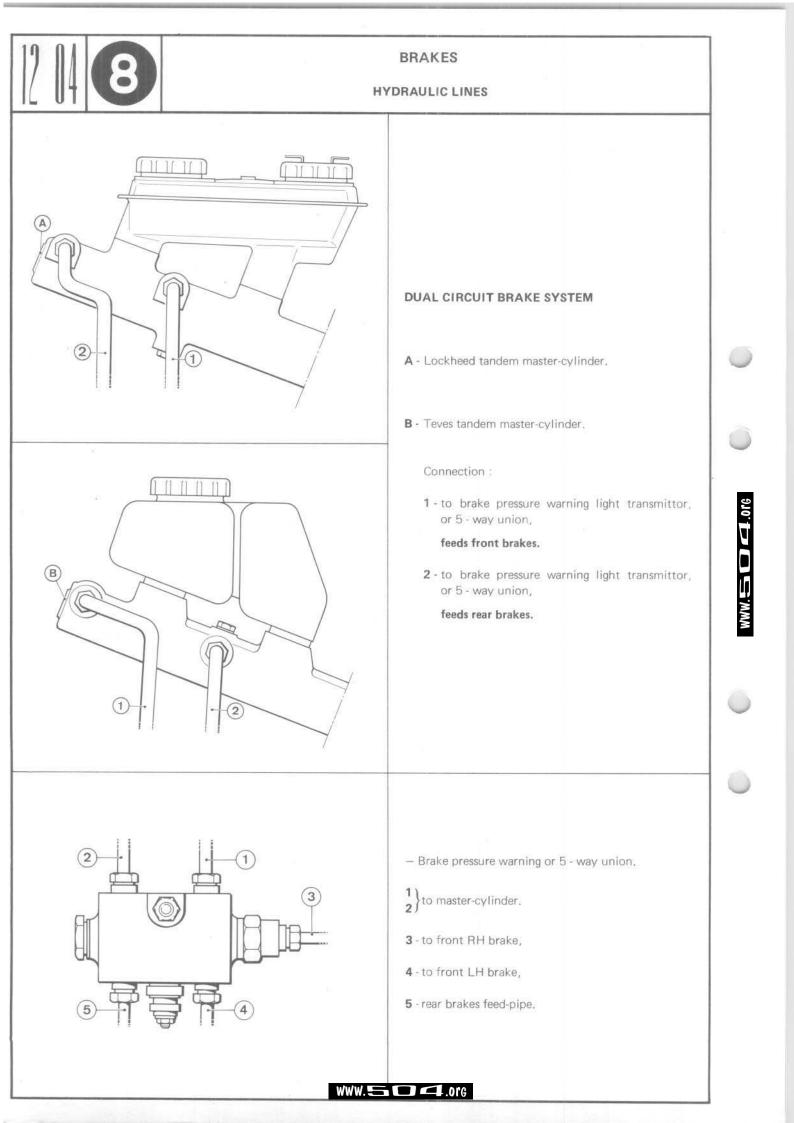
FRONT HOSES

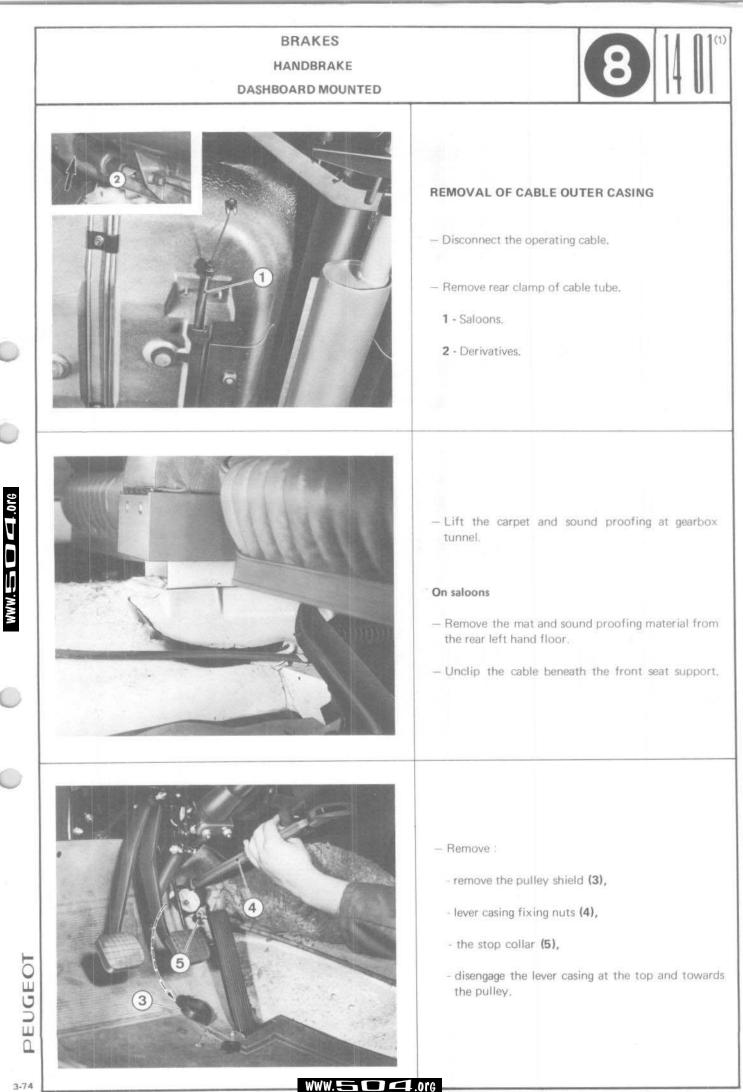
- 6 m/m between union and knuckle.

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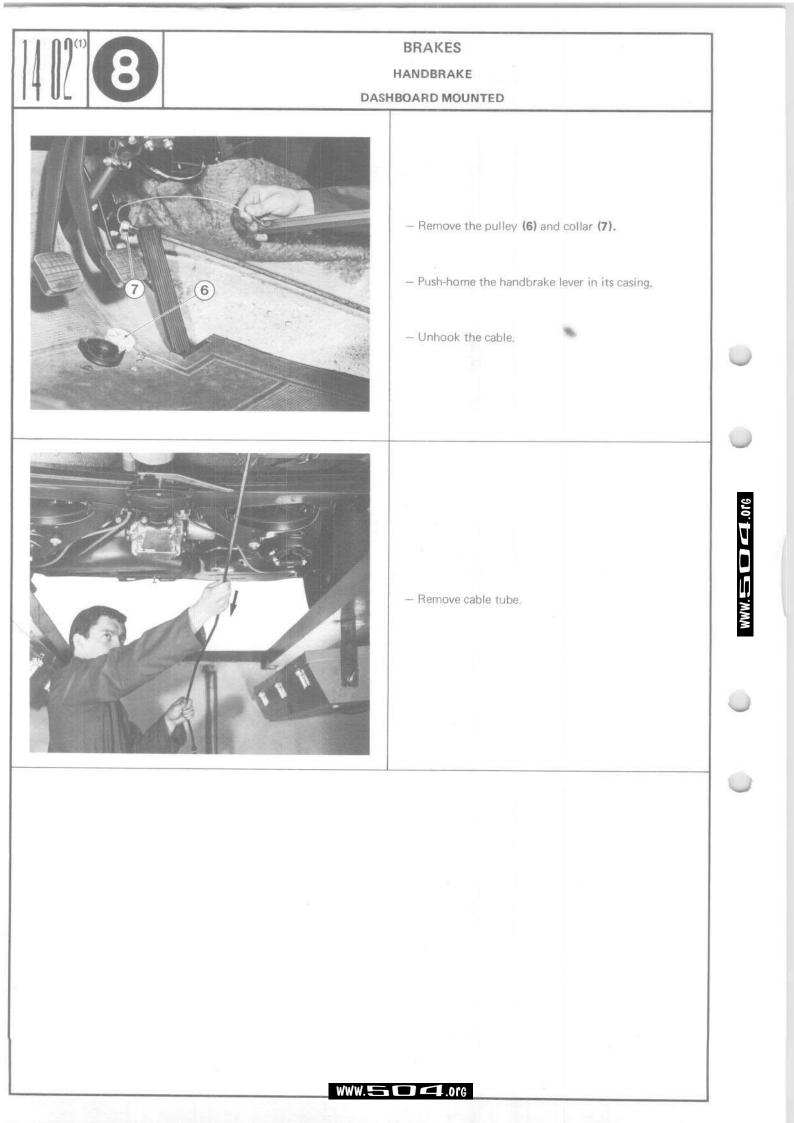


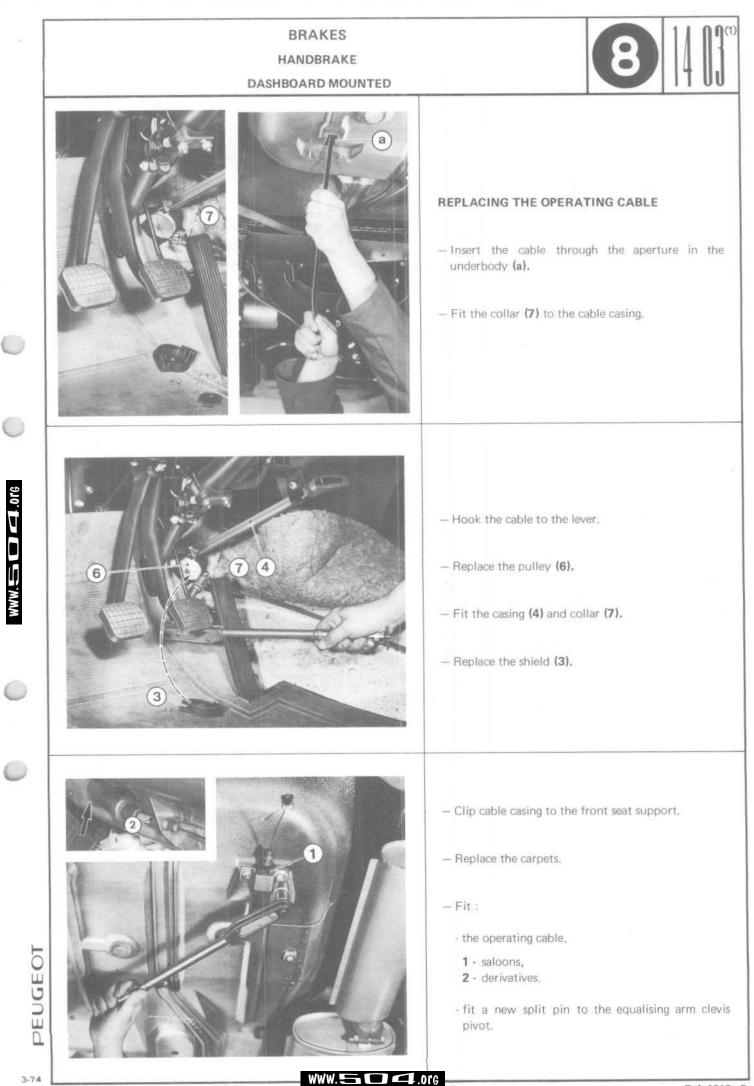




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Ref. 1212 E.

<image/> <image/> <section-header><section-header><section-header><section-header><section-header><section-header></section-header></section-header></section-header></section-header></section-header></section-header>	BRAKES HANDBRAKE SHBOARD MOUNTED
- If necessary, adjust by acting on the nuts to give 4 -	 Handbrake "off" the operating lever (1) of the rear brake mechanism should seat on the nylon block (2). If necessary, act on the nuts in order to obtain a flexion of the spring washer (3) between 1 and
	- If necessary, adjust by acting on the nuts to give 4 -