

## All Types of SCOOTERS and FOX

### Subject: GURTNER CARBURETOR

A large number of carburetors were returned “under guarantee”. After analysing them, many of them do not have problems that fall within the coverage of the guarantee.

In order to restrict the number of “unjustified guarantee requests” and the return of carburetors for analysis, please apply the following procedures:

#### 1. Visual inspection:

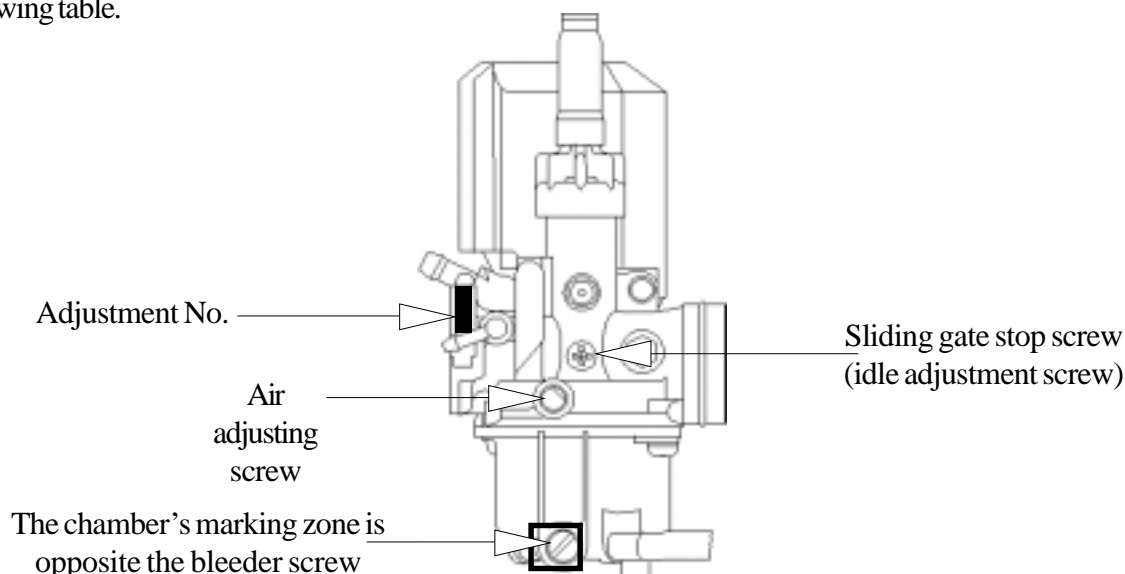
- Aspect, cleanliness, shock, damage.

#### 2. Check the “factory”-recommended adjustment:

- Air adjusting screw: screw it in up until it touches the seat, using tool P/N 754011; then unscrew it by the number of turns specified (see carburetor table).

Adjust the sliding gate stop screw (idle adjustment screw) to achieve proper engine speed on the vehicle.

#### 3. Should the problem continue, perform the actions recommended for the defects described in the following table.



Post-adjustment inspection of the vehicle's proper operation.

**Important:** carburetor adjustments are validated on vehicles in the original configuration and not in kits.

	Dealer	Spare parts	Mechanic 1	Mechanic 2	Mechanic 3
Signature					



# SERVICE INFORMATION

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DEFECTS	PROBABLE CAUSE	ACTION RECOMMENDED
Idle does not hold Unstable idle Misfiring and backfire	Chamber and/or idle circuit pollution (mainly the jet )	1- Remove the chamber and clean if necessary 2- Remove the idling jet (if possible) and clean it (air blow gun) 3- Refit the assembly 4- Check proper operation after cleaning <b>or</b> —————> <b>return to PEUGEOT MOTOCYCLES</b>
Carburetor leaks	Needle valve wear Float cracked Pollution of the needle valve housing Pollution of the needle valve seat due to foreign body deposits	1- Remove the chamber and clean if required 2- Remove screw/axis/float/needle valve 3- Clean the needle valve housing and seat 4- Check the elements 5- Refit the assembly 6- Check proper operation after action performed <b>or</b> —————> <b>return to PEUGEOT MOTOCYCLES</b>
Cold starting difficulties	Choke-related problem - Faulty choke system - Faulty choke components	1- Remove the choke and chamber 2- Check for the presence and condition of the components (chamber labelling) 3- Clean the chamber jet and the choke system 4- Refit the chamber and the choke 5- Check proper operation after action performed <b>or</b> —————> <b>return to PEUGEOT MOTOCYCLES</b>
Hot starting difficulties	Choke fuel-air ratio too high and/or idle fuel-air ratio too high 1- Faulty electric supply 2- Faulty components 3- Idle fuel-air ratio poorly adjusted	Check the power supply, grounding and electric connections <b>if OK</b> see cause 2 Check the condition of the components (choke and 6.7Ω 5w resistor) <b>if OK</b> see cause 3 Check recommended adjustment <b>or</b> —————> <b>return to PEUGEOT MOTOCYCLES</b>
Chokes or jerky acceleration Faulty full throttle operation Lack of performance	Related to primary system 1- Primary system polluted, partially or fully obstructed 2- Poor needle position 3- Non-compliant or damaged jet/venturi/needle	1- Remove the chamber 2- Check compliance and condition of the carburetor components (main jet, height and type of needle) 3- Clean the primary system, the main jet and the venturi (carburetor cleaner and air blow gun) 4- Refit the assembly and check proper operation <b>or</b> —————> <b>return to PEUGEOT MOTOCYCLES</b>

**Note : In all cases, the action performed must be carried out on a fully dismantled, cleaned and blown carburetor.**

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# SERVICE INFORMATION

TUNING No. Part Number	THROTTLE PORT	PRIMARY NEEDLE		PRIMARY CHOKE JET		FUEL-AIR RATIO SCREW
	Labelling	Labelling	Position / High	Ø	Chamber labelling	Tuning (no. revs)
320/1 J 735545	3 DA	L 3035	1st	76	J	1
322 H 728503	3 DA	4 JF	3rd	74	J	1 1/2
324 BG 738823	3 DA	4 JF	3rd	68	F	1 3/4
324/1 AG 740545	3 DA	4 JF	3rd	68	F	1 3/4
325 G 738801	3 DA	4 JF	3rd	68	F	1 3/4
328 C 729323	3 DA	4 JF	2nd	74	G	1 1/4
329 E 729897	1 AE	L 3035 F	1st	50	H	2
330 C 730327	1 AE	L 3035 F	1st	50	H	2
330/2 C 734697	1 AE	L 3035 F	1st	50	H	2
331 E 730478	3 DA	L 3035 F	2nd	58	H	1 3/4
332 H 736741	3 DA	4 JF	3rd	72	J	1 1/4
333 E (10) 730314	3 DA	L 5055 A	2nd	48	I	1 1/2
335 E 731062	3 DA	L 3035 F	3rd	54	H	2
336 B 731196	3 DA	L 3035 F	3rd	54	H	2
339A 740544	3 DA	4 JF	3rd	70	F	1 3/4
341/1 L 735357	3 DA	L 3035 H	1st	72	H	1 3/4
341/2A 741270	3 DA	L 3035 H	1st	74	H	1 1/4
342 H 735353	3 DA	4 JF	3rd	50 P	H	1 1/2
343 H (10) 735355	3 DA	L 5055 A	1st	48	D	1 1/4
344 H 735354	3 DA	L 3035 H	1st	54	H	1
345 H 735352	3 DA	4 JF	2nd	58	H	1/2
345/2 H 735358	3 DA	4 JF	2nd	58	H	1
346 F 735356	3 DA	4 JF	1st	52	H	1 1/4
347D 735667	3 DA	4 JF	2nd	56	H	1 1/2
348D 736215	3 DA	4 JF	1st	58	H	2
349 A 741330	3 DA	4 JF	2nd	47	F	1 1/2
351D 735671	3 DA	4 JF	2nd	54	H	1 1/2
352D 735978	3 DA	L 3035 H	1st	54	H	2
353C 737285	3 DA	L 3035 H	1st	56	H	2 1/4
354C 738787	3 DA	L 3035 H	1st	78	H	1 1/2
355A 741971	3 DA	4 JF	2nd	52	H	1 1/2
356A 741972	3 DA	L 3035 H	1st	52	H	1 1/2
360D 736937	3 DA	L 3035 H	1st	72	F	1 1/4
361C 738351	3 DA	L 3035 H	1st	48	F	2
362C 11738738	3 DA	4 JF	2nd	50	F	2
363B 11740461	3 DA	4 JF	2nd	49	F	1 1/4
364A 740697	3 DA	L 3035 H	1st	48	F	1 1/2
365A 741269	3 DA	L 3035 H	1st	76	F	1
370D 734422	3 DA	L 3035 H	1st	72	F	1 1/8
371A 741329	3 DA	4 JF	2nd	48	F	1 3/4
372A 741740	3 DA	4 JF	2nd	54	H	1 1/2
380D 735493	3 DA	4 JF	1st	72	J	1 1/2
390B 740352	3 DA	L 3035 H	1st	74	F	1 1/8
391A 741042	3 DA	4 JF	2nd	52	J	1 1/2
392A 741761	3 DA	4 JF	2nd	54	F	1 3/4
393A 741912	3 DA	4 JF	2nd	52	J	1 1/2

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