



125cc RL-C TaG



FEATURES - CARACTERISTIQUES

Cylinder volume <i>Volume du cylindre</i>	123.67 cm ³
Bore <i>Alésage</i>	54 mm
Max. theoretical bore <i>Alésage théorique max.</i>	54.28 mm
Stroke <i>Course</i>	54 mm
Cooling system <i>Système de refroidissement</i>	Water <i>Eau</i>
Inlet system <i>Système d'admission</i>	Reed valve <i>À clapets</i>

Carburetor
Carburateur

Tryton Hobby 27/C

Cylinder / crankcase transfers n°
N° de canaux cylindre / carter

3

Number of piston rings
Nombre de segments

1

Inlet / exhaust ports number
N° lumières admiss. / échapp.

3

Big end conr. ball-bearing diam.
Diamètre palier tête de bielle

20x26x15

Combustion chamber shape
Forme chambre de combustion

Spherical
Sphérique

Crankshaft ball-bearing diam.
Diamètre palier du vilebrequin

30x62x16

Selettra or PVL ignition
Allumage Selettra ou PVL

Digital

Small end conr. ball-bearing diam.
Diamètre palier pied de bielle

14x18x17.5

RPM limiter
Limiteur de tours

Yes
Oui

Distance between conrod centers
Longueur (entre axe) de la bielle

102 mm

Generator for battery charging
Générateur de recharge batterie

Yes
Oui

Balancing shaft
Arbre d'équilibrage de vilebr.

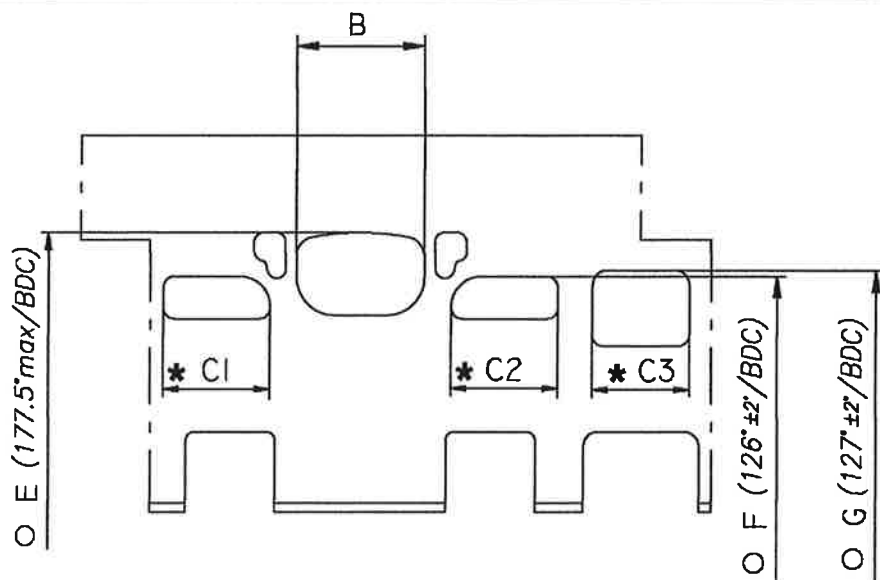
Yes
Oui

Electric starter
Démarrateur électrique

Yes
Oui

28/10/15 n° 254/R

CYLINDER DEVELOPMENT - DEVELOPPEMENT DU CYLINDRE

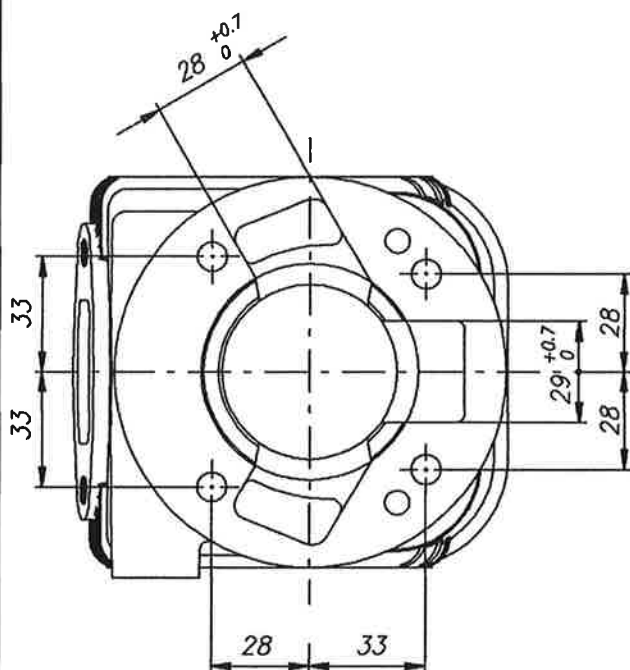


B	$\leq 36.5 \text{ mm}$
C1 = C2	$\leq 30 \text{ mm}$
C3	$\leq 28.5 \text{ mm}$
E	177.5° max
F	$126^\circ \pm 2^\circ$
G	$127^\circ \pm 2^\circ$

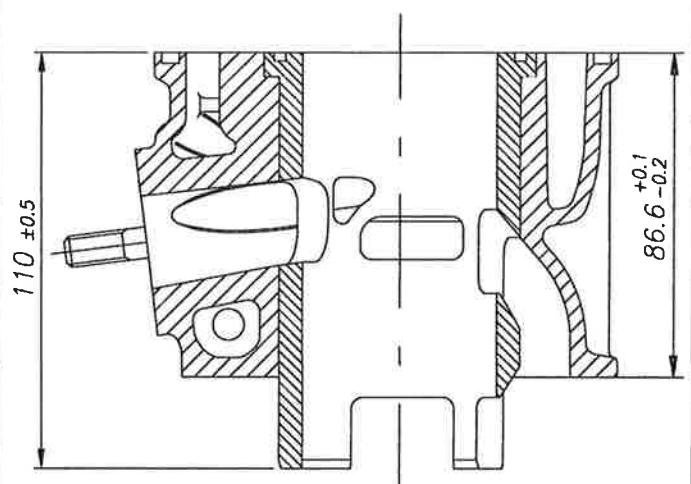
* CHORDAL READING
LECTURE CORDALE

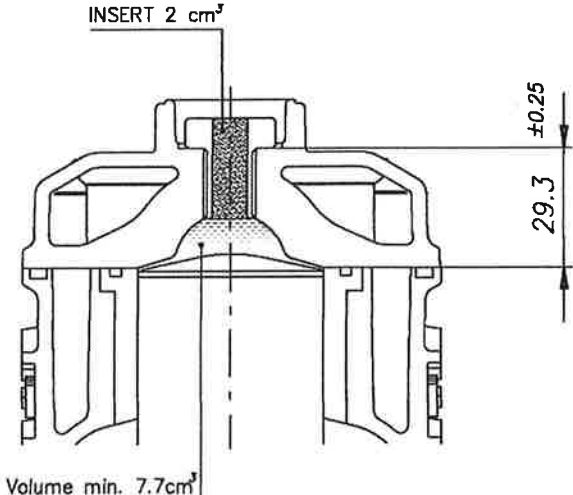
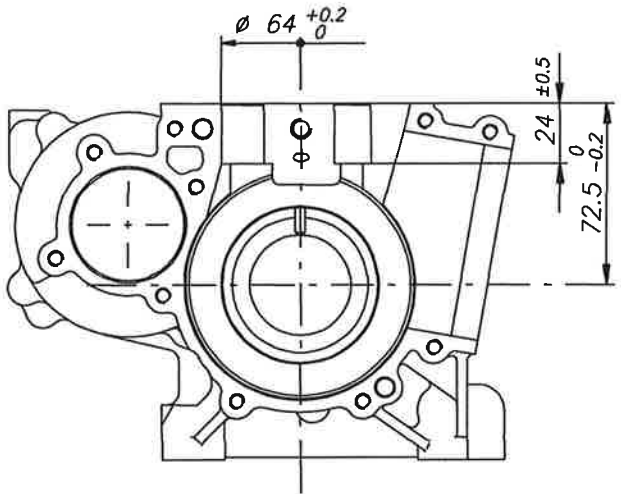
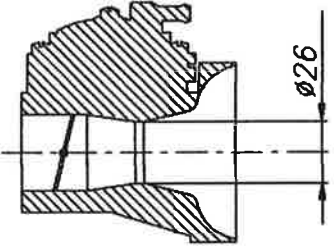
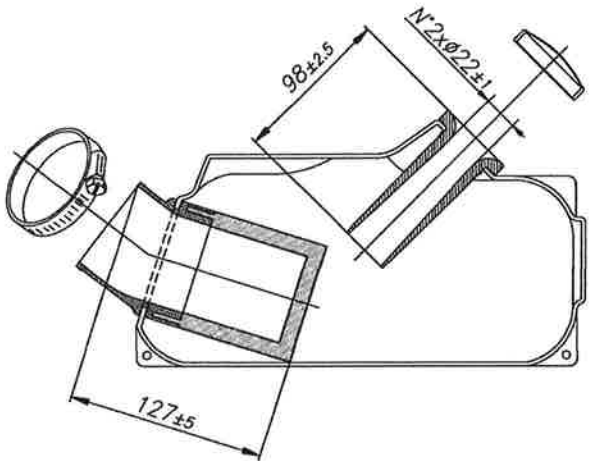
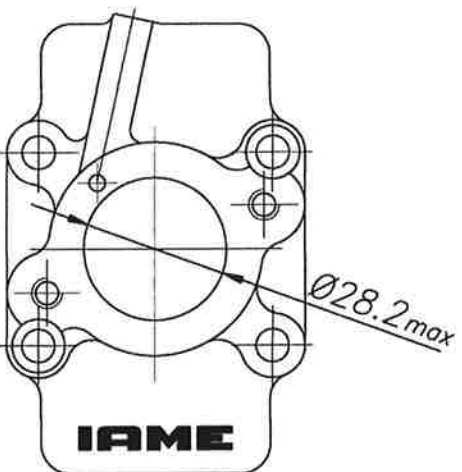
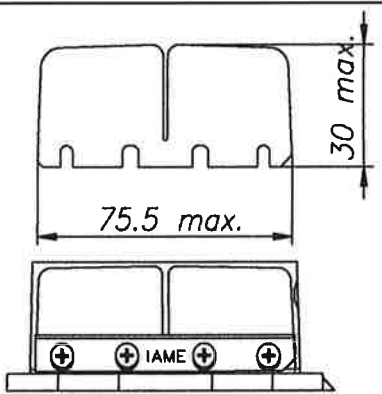
○ ANGULAR READING BY INSERTING A 0.2x5 mm GAUGE
LECTURE ANGULAIRE PAR INSERTION D'UNE CALE DE 0.2x5 mm

CYLINDER BASE VIEW
VUE DE LA BASE DU CYLINDRE

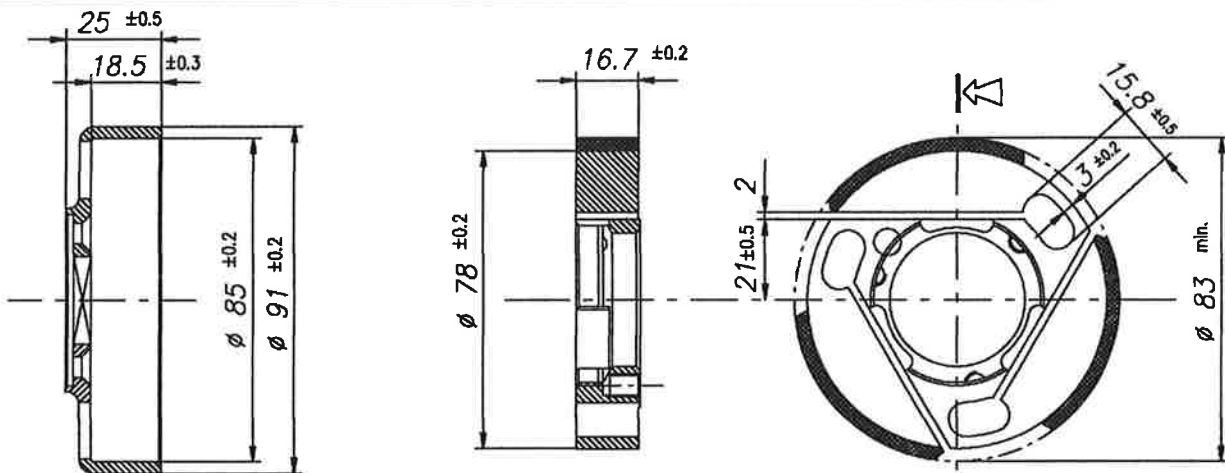
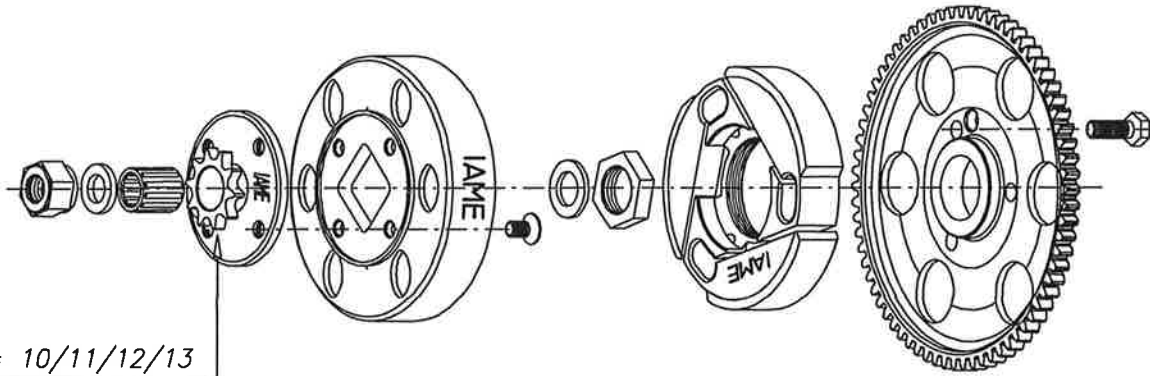


CYLINDER CROSS SECTION VIEW
VUE EN SECTION DU CYLINDRE



COMBUSTION CHAMBER VIEW VUE DE LA CHAMBRE DE COMPRESSION  COMBUSTION CHAMBER VOLUME TOT. = 9.7 cm³ min. VOLUME CHAMBRE COMBUSTION TOT. = 9.7 cm³ min. ATT.: SQUISH MIN. = 0.90 mm (measured with Ø1.5mm TIN - mesurée avec de l'étain Ø1.5mm)	CRANKCASE INSIDE VIEW VUE A' L'INTERIEUR DU CARTER 
VENTURI CARB. DIMENSIONS DIMENSIONS DU VENTURI DU CARBURATEUR 	INLET SILENCER SILENCIEUX D'ASPIRATION 
INLET CONVEYOR DIMENSIONS CONVOYEUR D'ADMISSION 	REEDS DIMENSIONS / CLAPETS 

DESCRIPTION OF THE CLUTCH - DESCRIPTION DE L' EMBRAYAGE

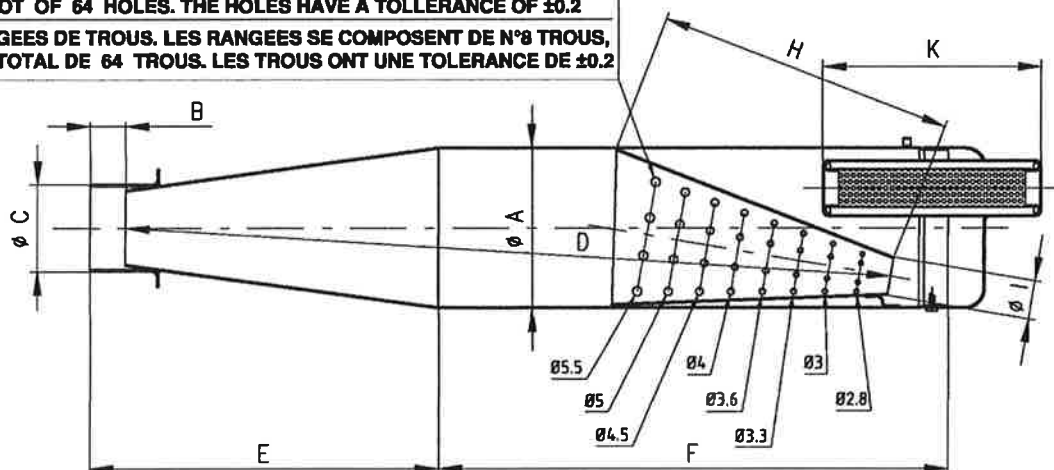


Min. weight 225 g
Poids min. 225 g

Min. weight 360 g
Poids min. 360 g

EXHAUST MUFFLER VIEW AND DIMENSIONS VUE ET DIMENSIONS DU SILENCIEUX D' ECHAPPEMENT

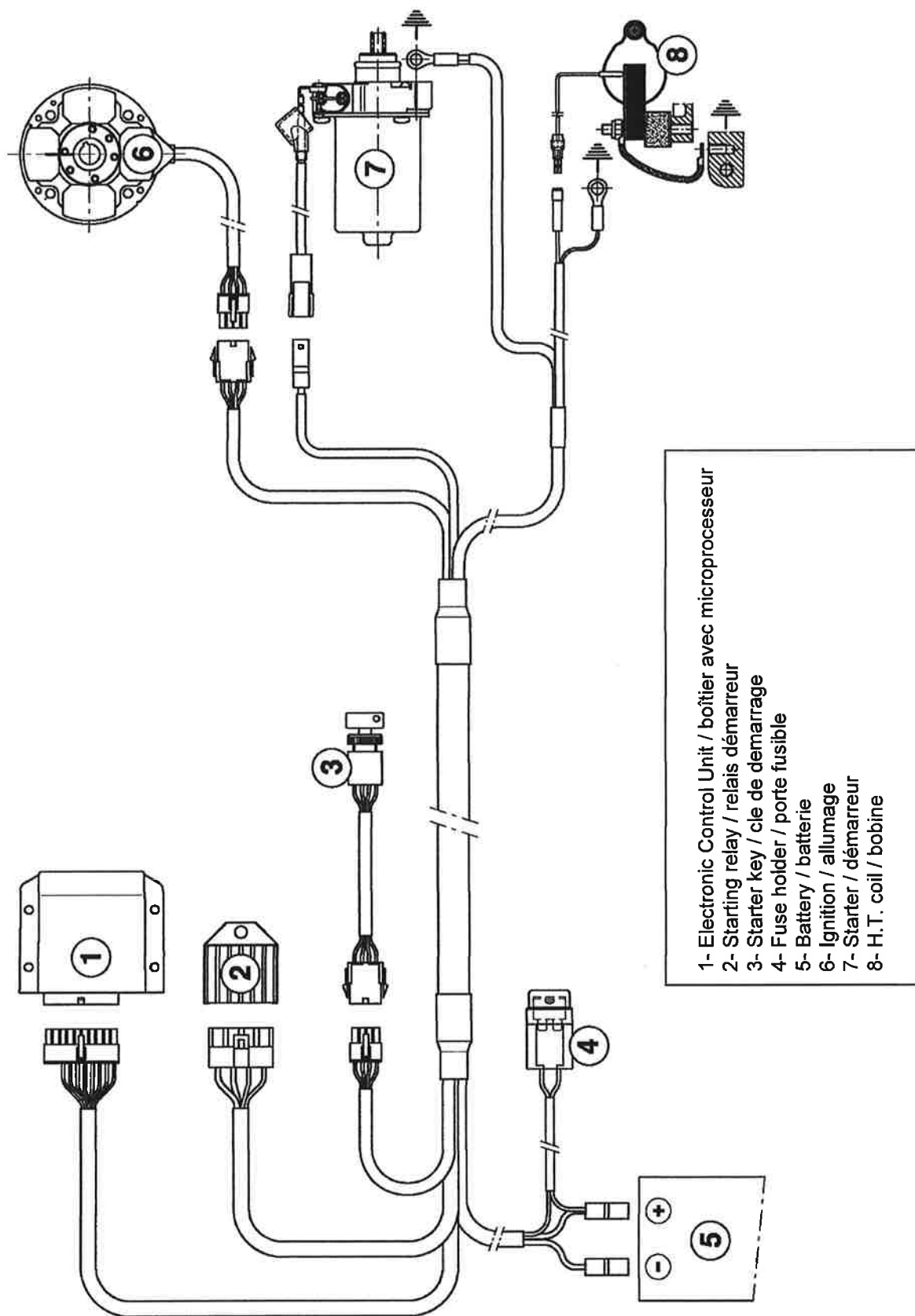
N° 8 ROWS OF HOLES. THE ROWS ARE COMPOSED OF N°8 HOLES, FOR A TOT OF 64 HOLES. THE HOLES HAVE A TOLLERANCE OF ± 0.2
N° 8 RANGEES DE TROUS. LES RANGEES SE COMPOSENT DE N°8 TROUS, POUR UN TOTAL DE 64 TROUS. LES TROUS ONT UNE TOLERANCE DE ± 0.2



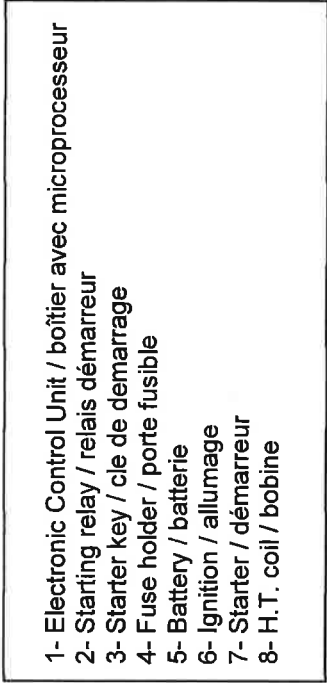
A: $100 \pm 1 \phi_{ext.}$	D: 485 ± 5	H: 180 ± 5
B: 22 ± 1	E: 218 ± 5	I: $24 \pm 2 \phi_{ext.}$
C: $54 \pm 1 \phi_{ext.}$	F: 315 ± 3	K: 130 ± 3

Min. weight 1.39 Kg
Poids min. 1.39 Kg

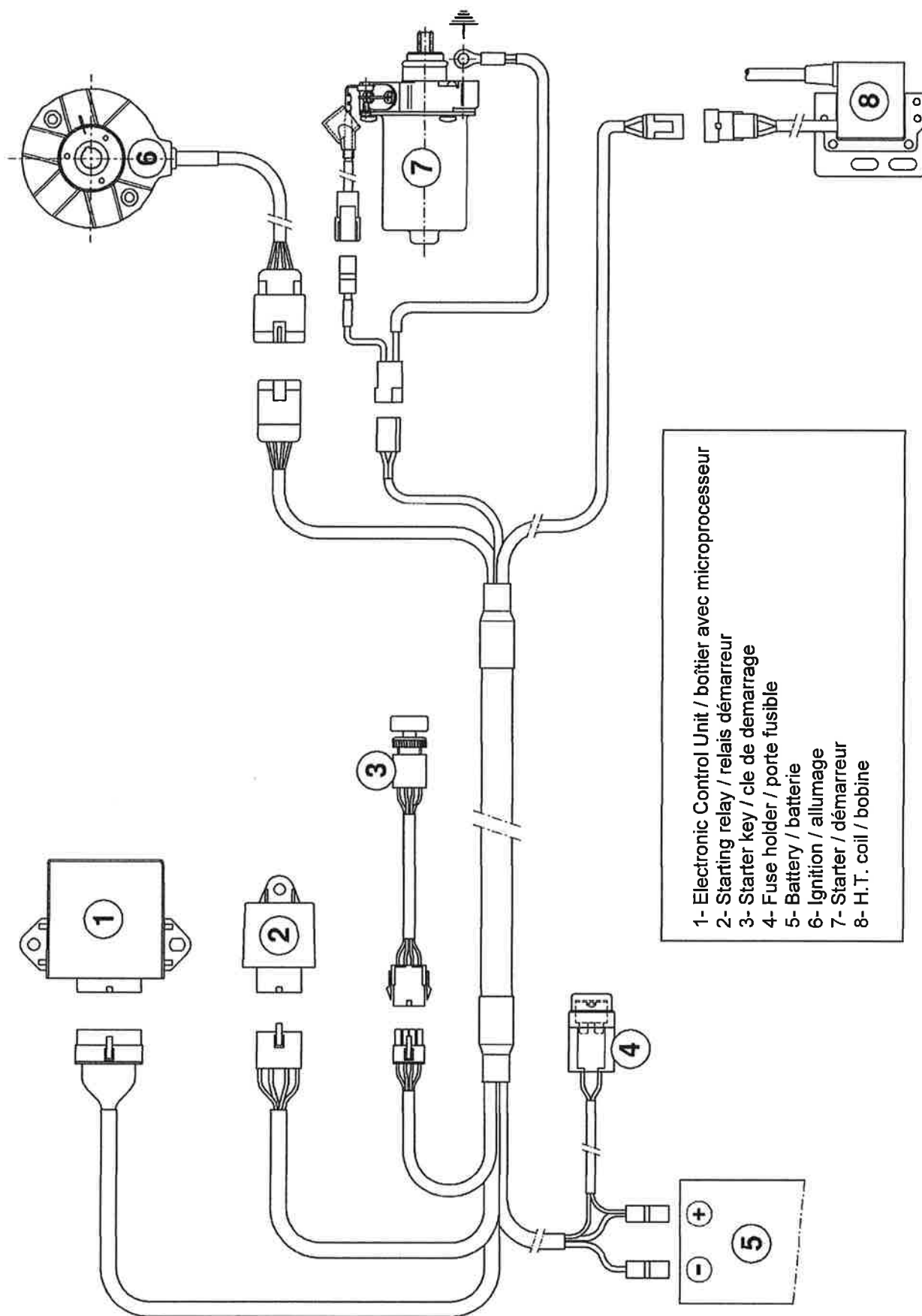
WIRING DIAGRAM (SELETTRA DIGITAL "K" IGNITION)
SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE SELETTRA DIGITAL "K")



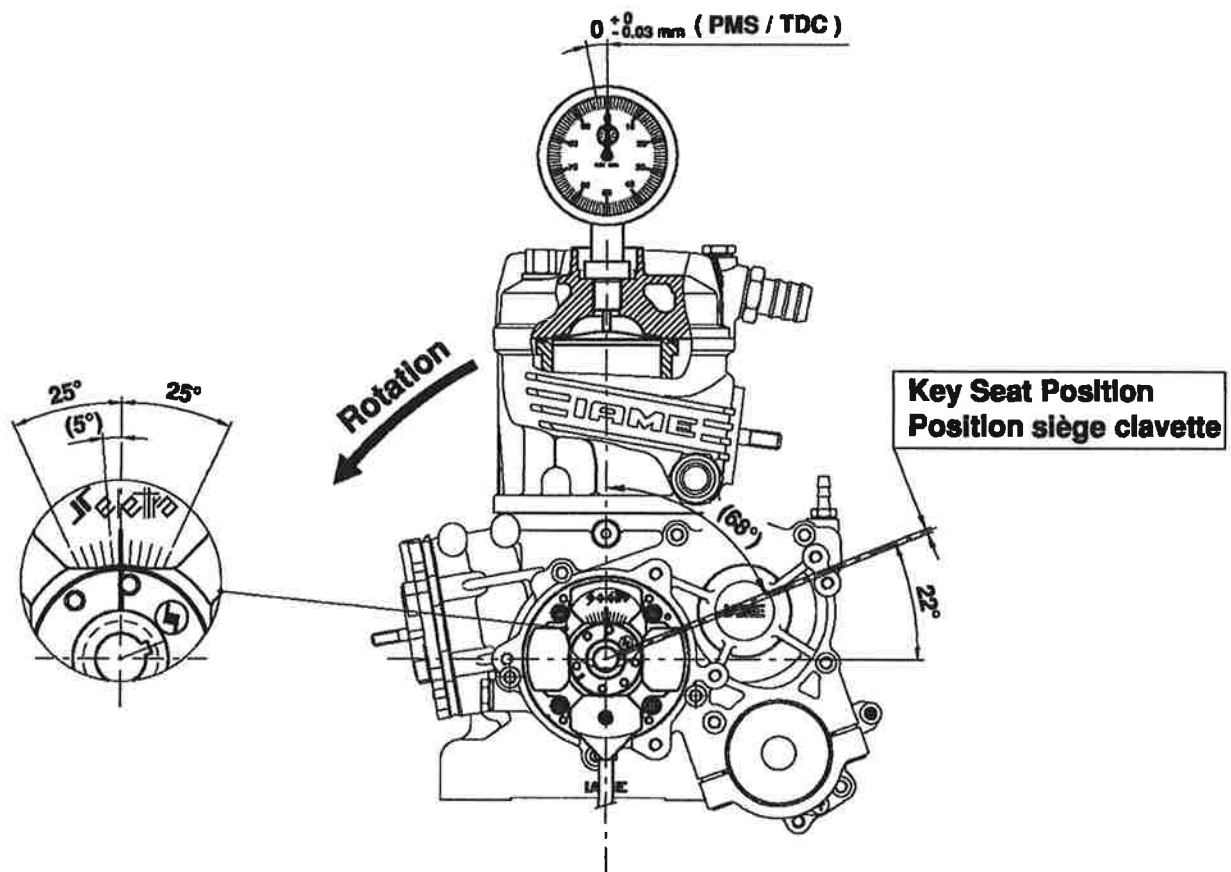
WIRING DIAGRAM (PVL IGNITION, 1st TYPE)
SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE PVL 1^{er} TYPE)



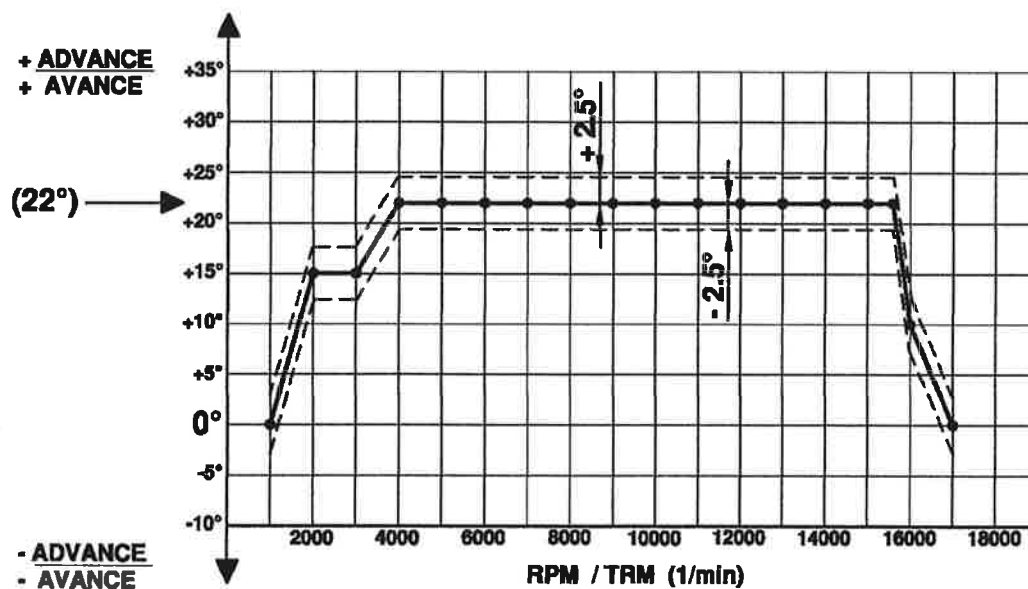
WIRING DIAGRAM (PVL IGNITION, 2nd TYPE)
 SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE PVL, 2^{ème} TYPE)



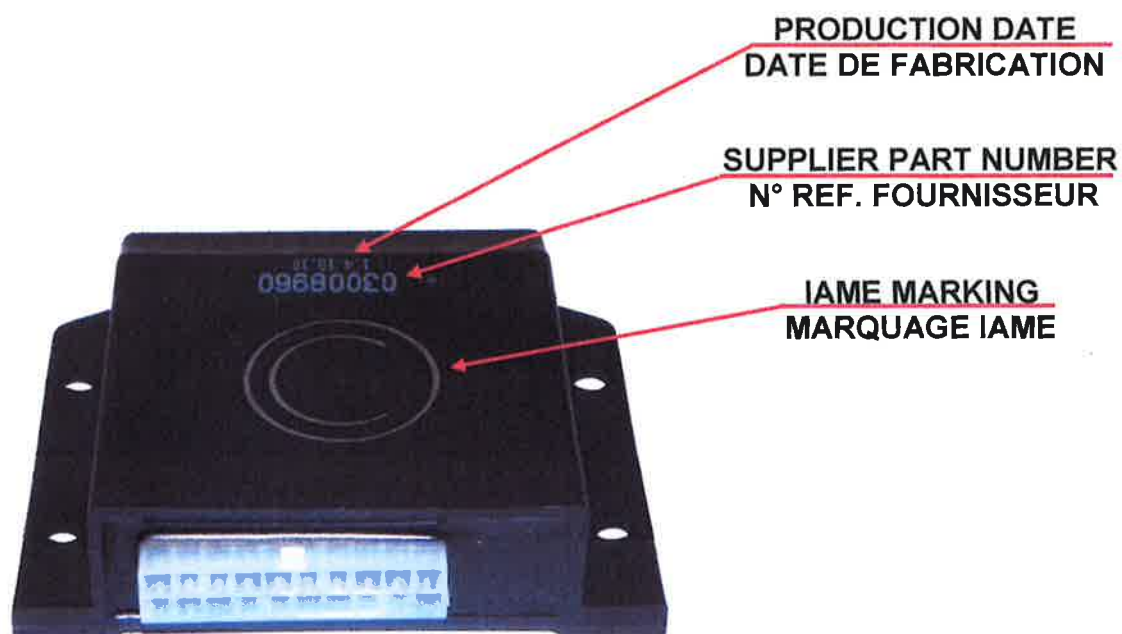
SCHEME FOR ADVANCE CONTROL SCHEMA DE CONTROLE POUR L'AVANCE



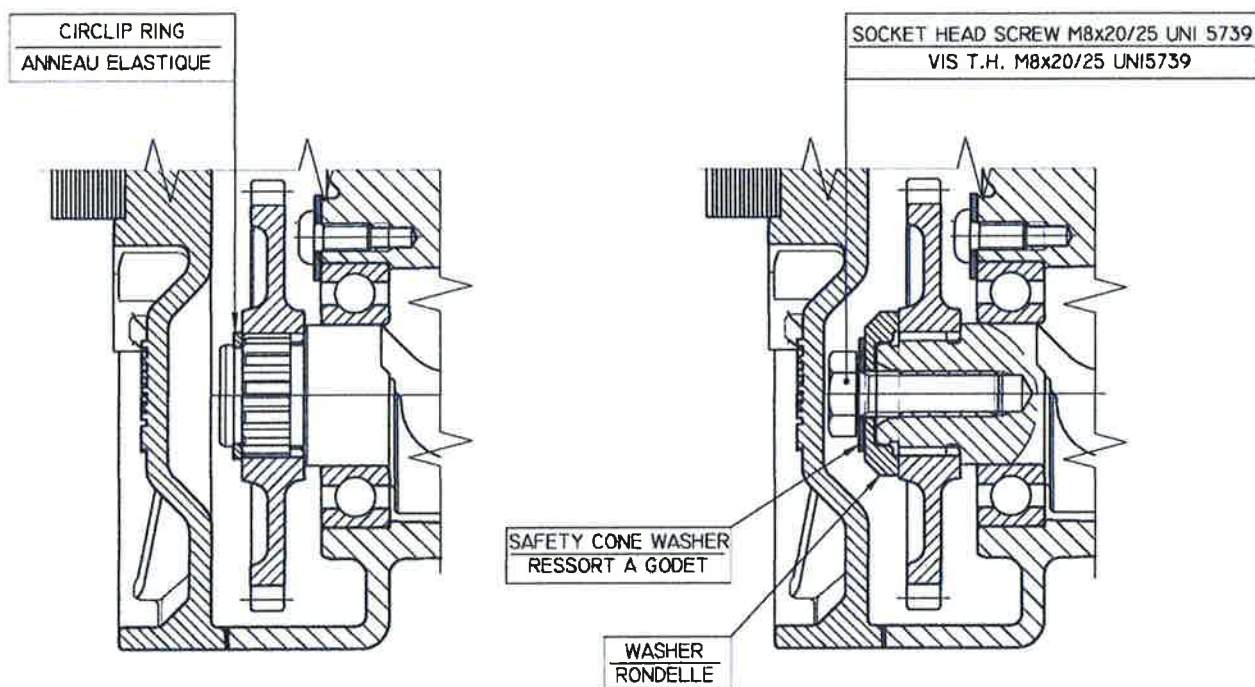
ADVANCE CURVE GRAPHS / GRAPHIQUES DE LA COURBE D'AVANCE



ELECTRONIC BOX MARKING
MARQUAGE DU BOITIER ELECTRONIQUE



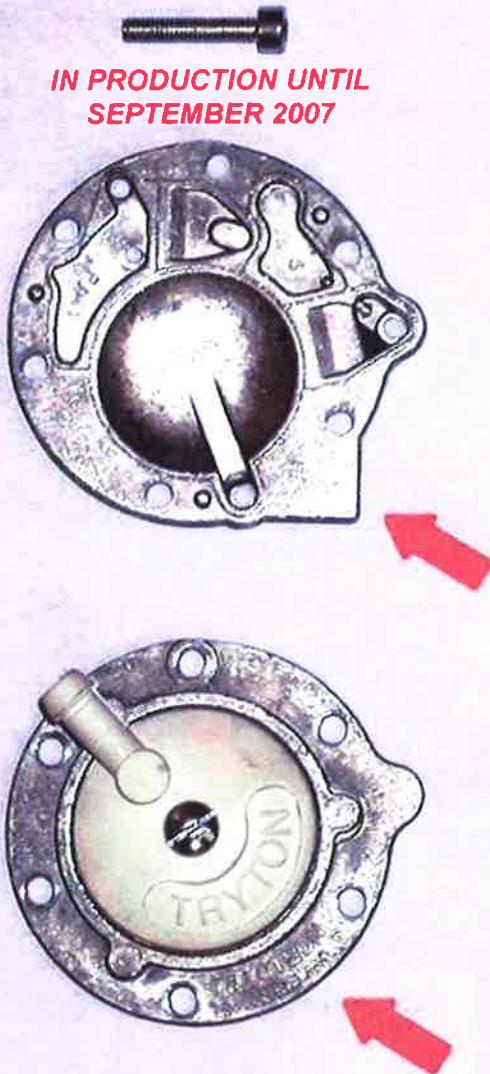
GEAR ALTERNATIVE FIXING
FIXATION ALTERNATIVE DE L' ENGRANAGE



CARBURETTOR COVER ALTERNATIVE
ALTERNATIF COUVERCLE CARBURATEUR

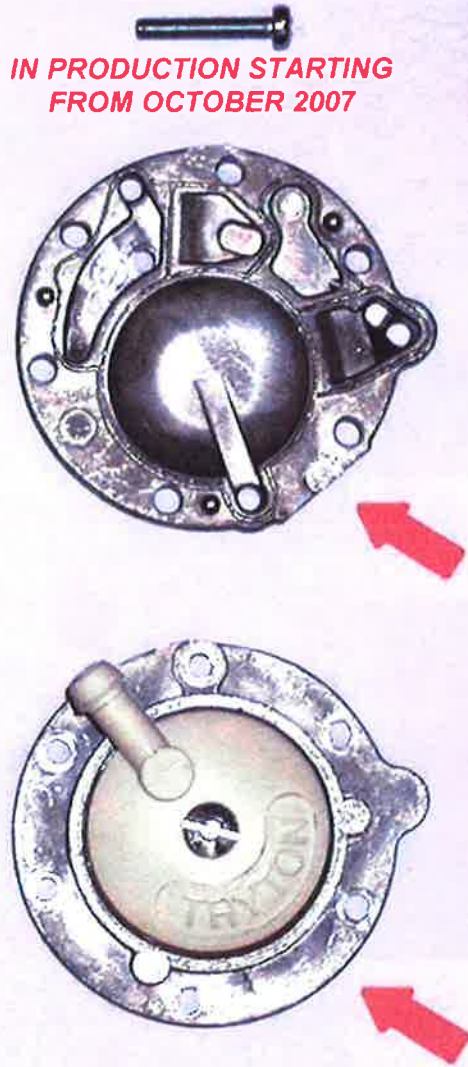
EN PRODUCTION JUSQU' EN
SEPTEMBRE 2007

IN PRODUCTION UNTIL
SEPTEMBER 2007



EN PRODUCTION A PARTIR
D' OCTOBRE 2007

IN PRODUCTION STARTING
FROM OCTOBER 2007



EN PRODUCTION JUSQU' EN
DECEMBRE 2008

IN PRODUCTION UNTIL
DECEMBER 2008

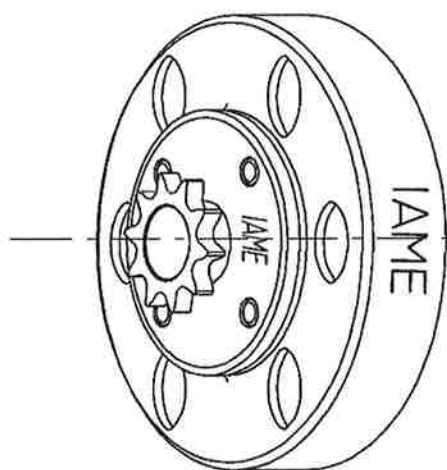


EN PRODUCTION A PARTIR
DE JANVIER 2009

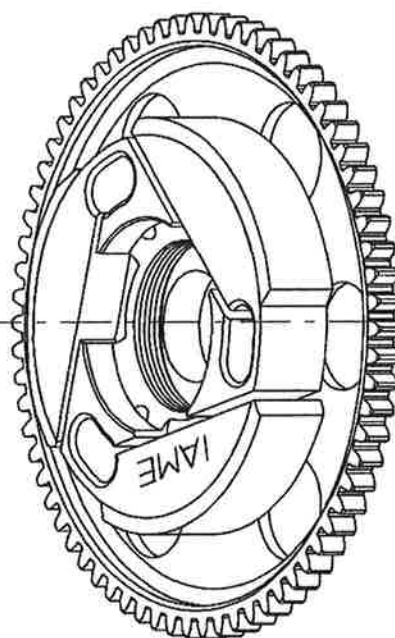
IN PRODUCTION STARTING
FROM JANUARY 2009



DESCRIPTION OF THE CLUTCH - DESCRIPTION DE L'EMBRAYAGE

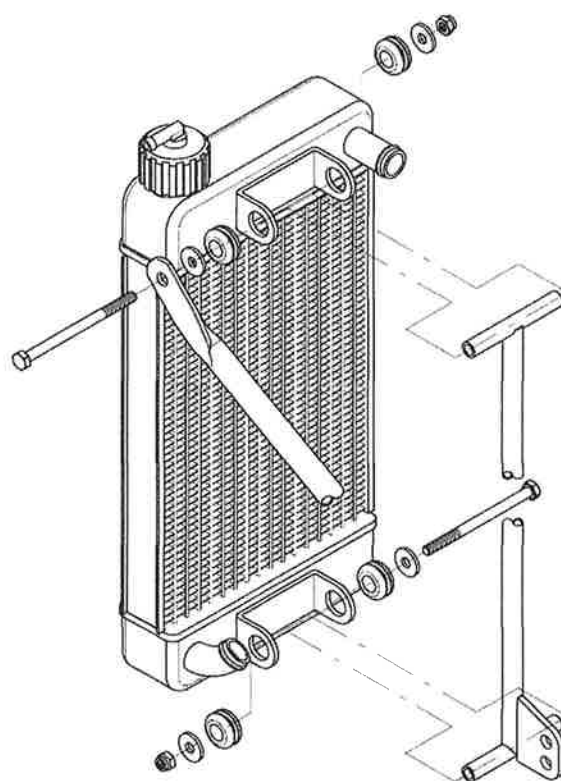
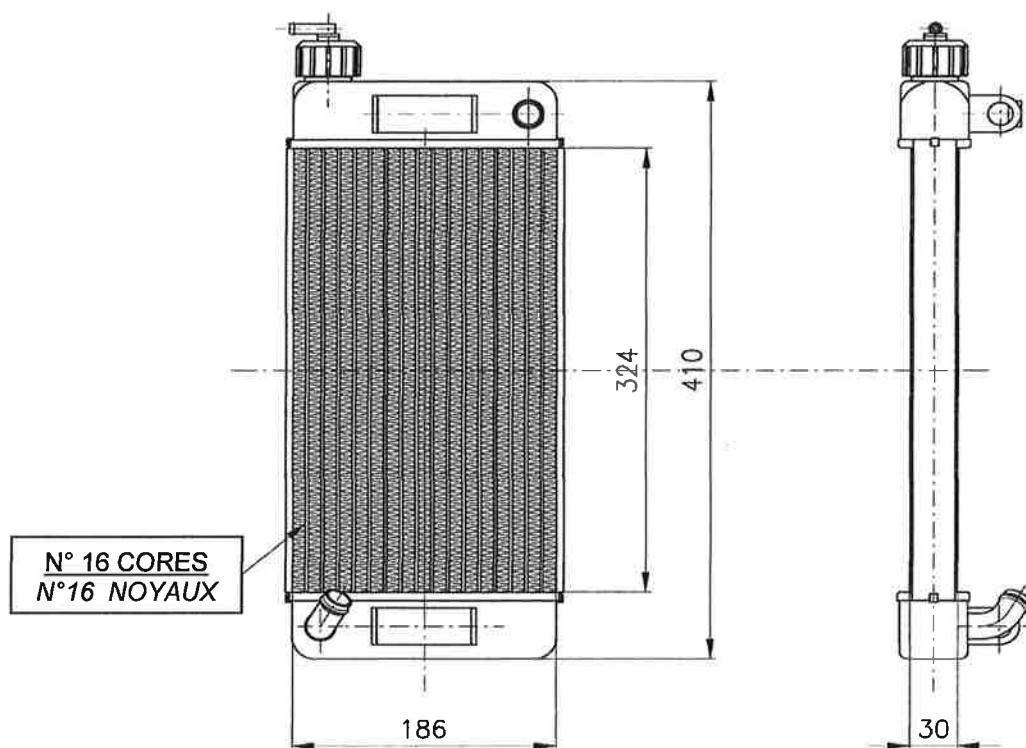


Min. weight 300 g
Poids min. 300 g



Min. weight 650 g
Poids min. 650 g

RADIATOR DESCRIPTION AND SKETCH OF PARTS
DESCRIPTION DU RADIATEUR ET SCHEMA ILLUSTRANT LES ELEMENTS



RADIATOR AND ITS SUPPORTS RADIATEUR ET SES SUI TIEN

PAINTED AND NOT PAINTED / PEINT ET PAS PEINT



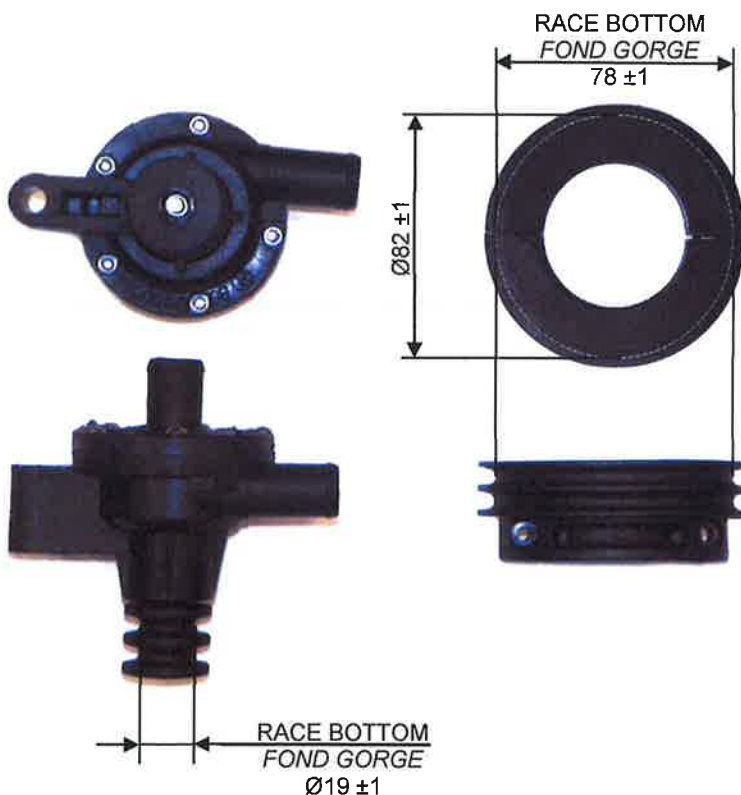
FRONT / AVANT



REAR / ARRIERE



WATER PUMP GROUP GROUPE POMPE A' EAU



THERMOSTAT



ALTERNATIVE



PISTON IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION PISTON

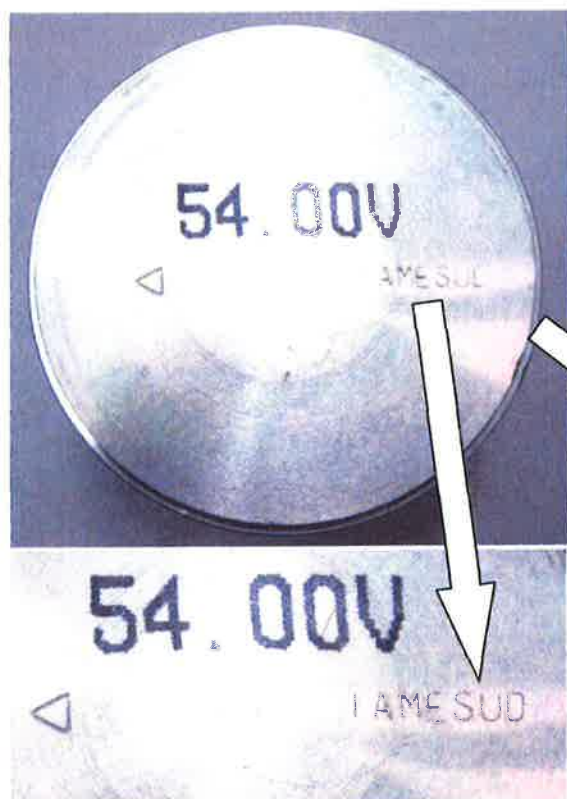
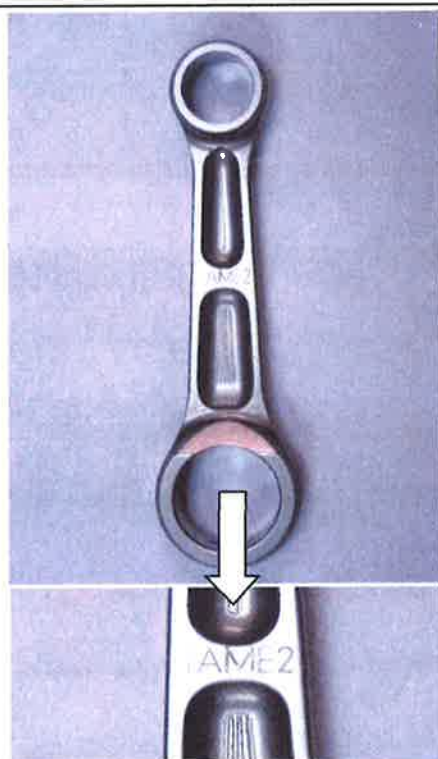
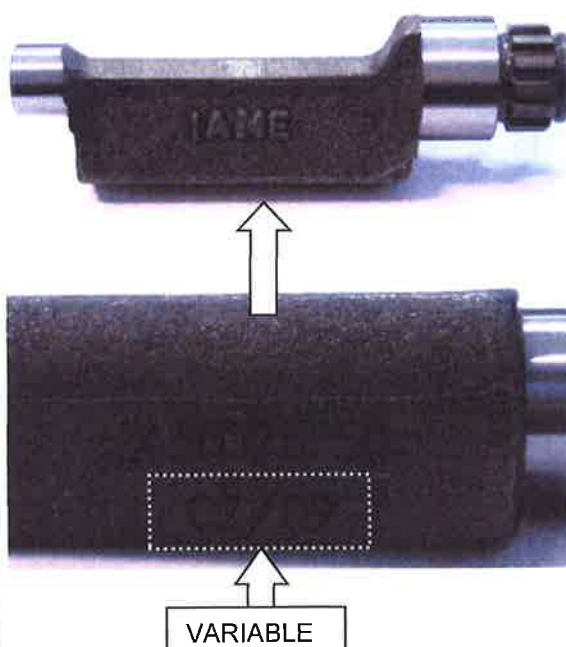


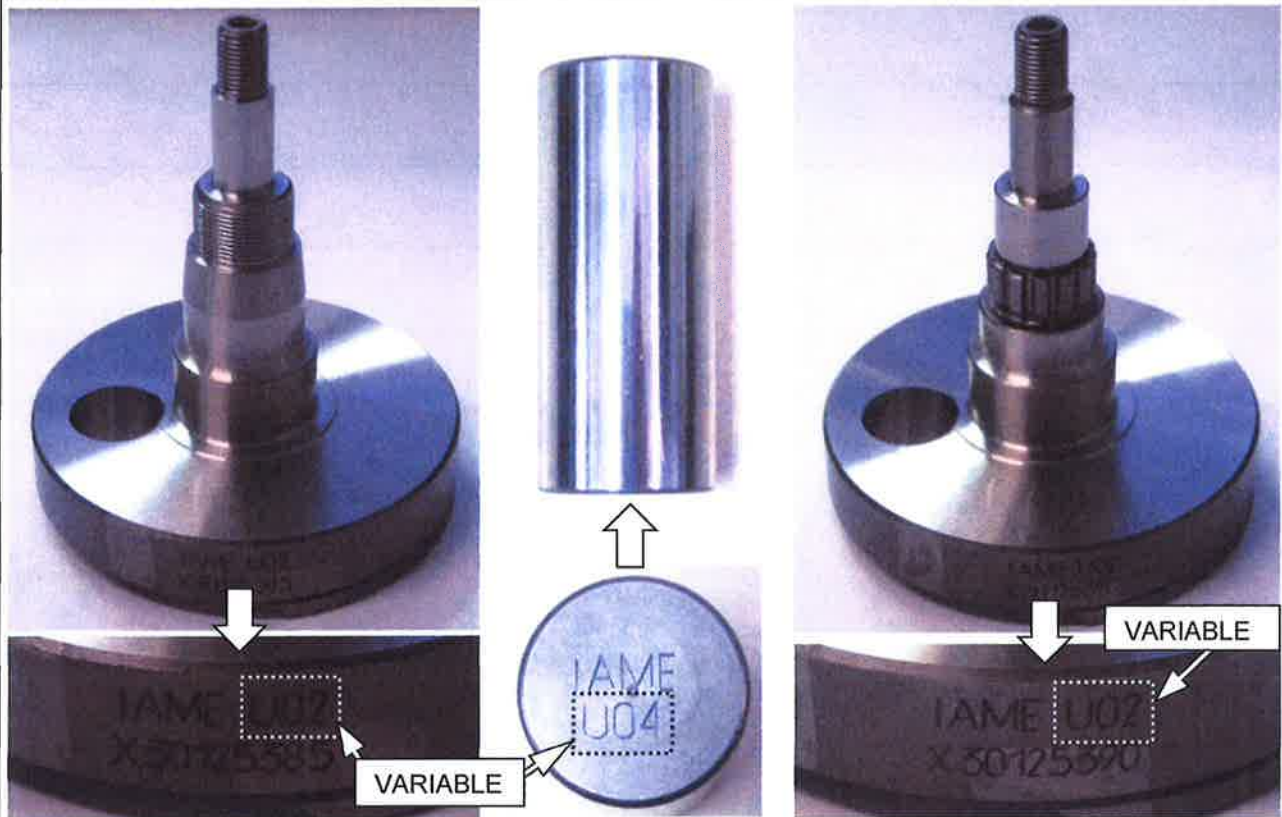
PHOTO IDENTIFICATION CONROD
MARQUAGE D'IDENTIFICATION BIELLE



IDENTIFICATION BALANCING SHAFT
MARKING
MARQUAGE D'IDENTIFICATION ARBRE
D'EQUILIBRAGE

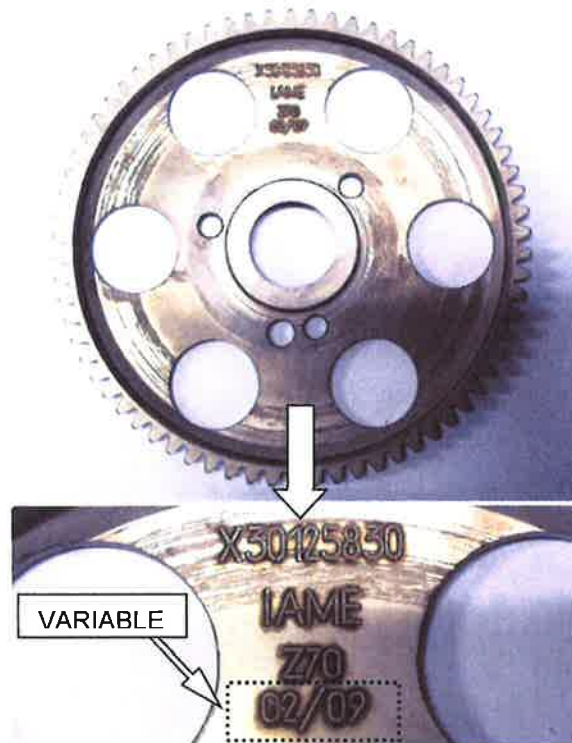
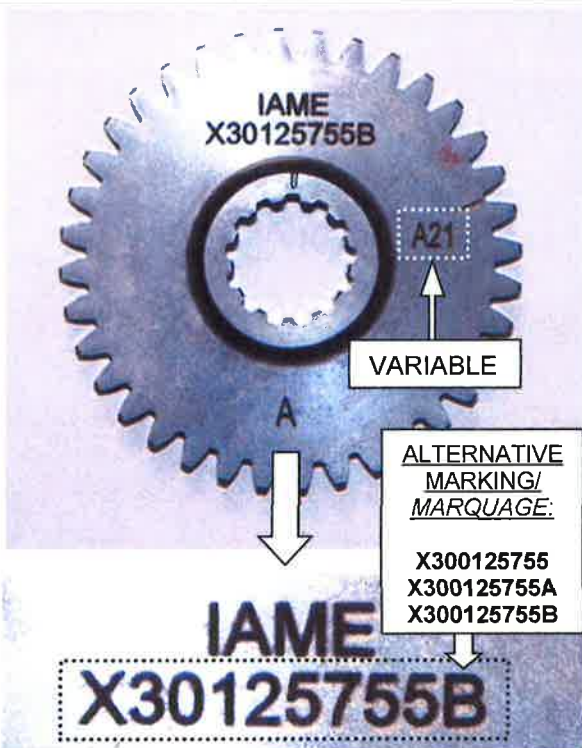


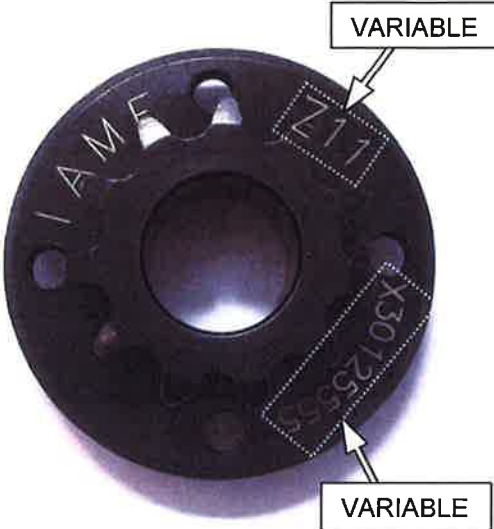
CRANKSHAFT IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU VILEBREQUIN



GEAR COMMAND BALANCING SHAFT
IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION
ENGRENAGE ARBRE D'EQUILIBRAGE

STARTER RING IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DE LA
COURONNE DE DEMARRAGE

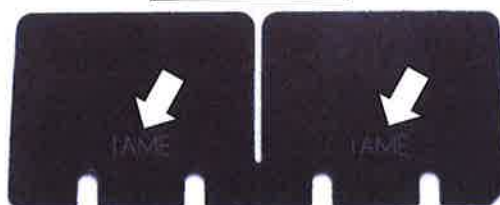


SPROCKET IDENTIFICATION MARKING MARQUAGE D'IDENTIFICATION DU PIGNON	CLUTCH DRUM IDENTIFICATION MARKING MARQUAGE D'IDENTIFICATION DE LA CALOTTE
	
CLUTCH BODY IDENTIFICATION MARKING MARQUAGE D'IDENTIFICATION CORPS DE EMBRAYAGE	STARTER IDENTIFICATION MARKING MARQUAGE D'IDENTIFICATION DU MOTEUR DEMARREUR
	

REED GROUP & PETALS IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DE LA PYRAMIDE DE CLAPETS & CLAPETS



VETRONITE



CARBON FIBER



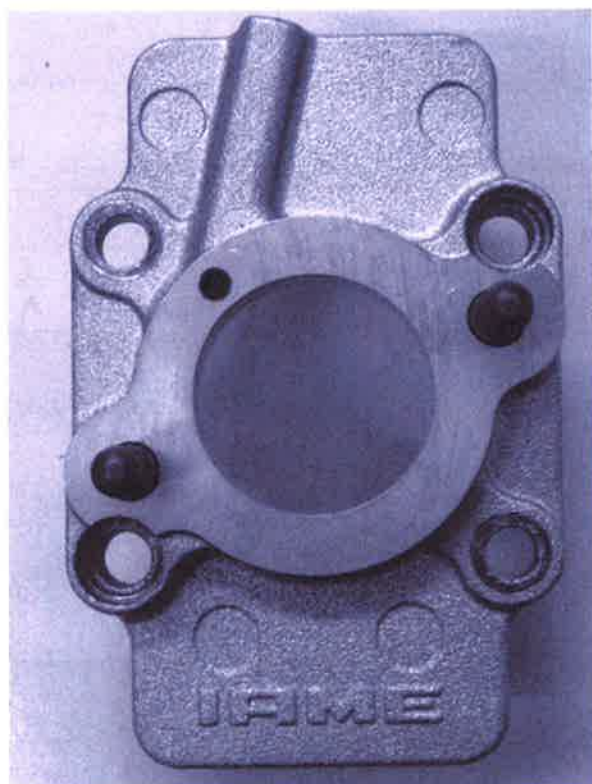
FRONT SIDE

REAR SIDE



PHOTO IDENTIFICATION
CARBURETOR INLET CONVEYOR
MARQUAGE D'IDENTIFICATION DU
COLLECTEUR D'ASPIRATION

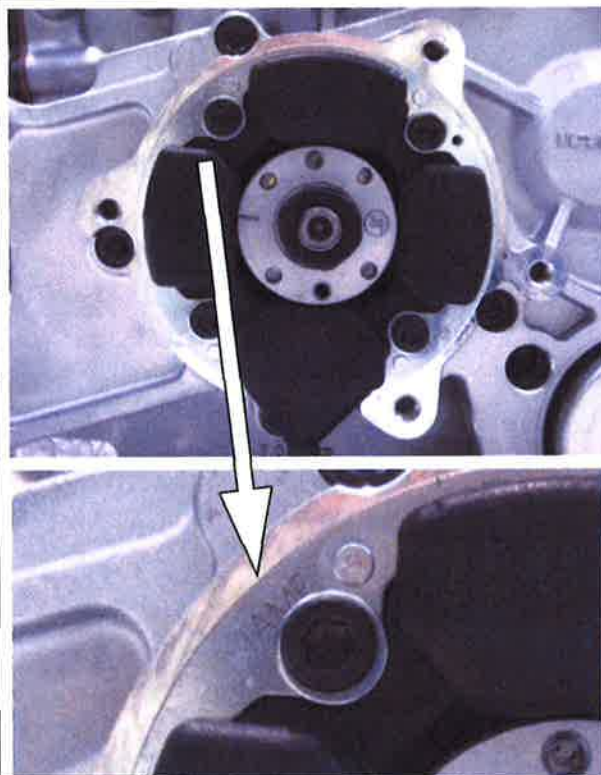
EXHAUST SILENCER IDENTIFICATION
MARKING
MARQUAGE D'IDENTIFICATION
ECHAPPEMENT



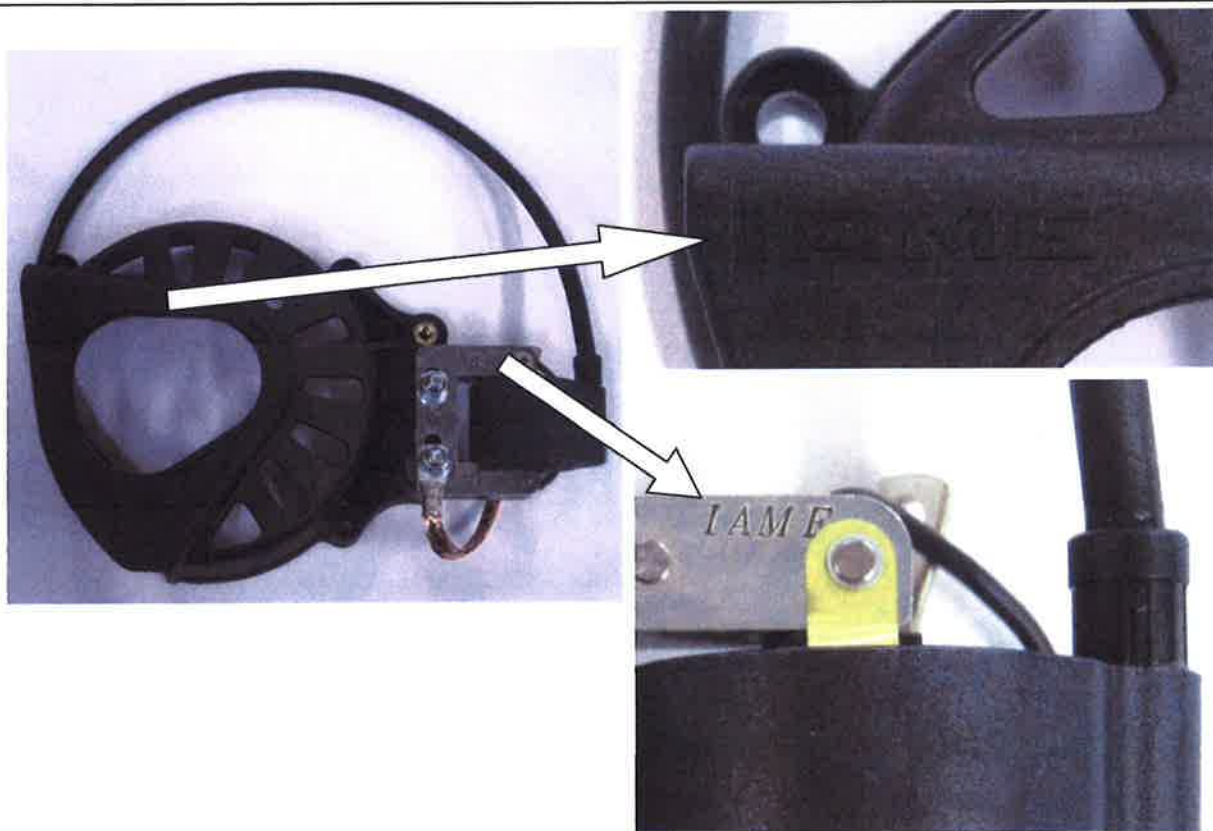
HEADER EXHAUST IDENTIFICATION MARKING
MARQUAGE DU COUDE D'ÉCHAPPEMENT



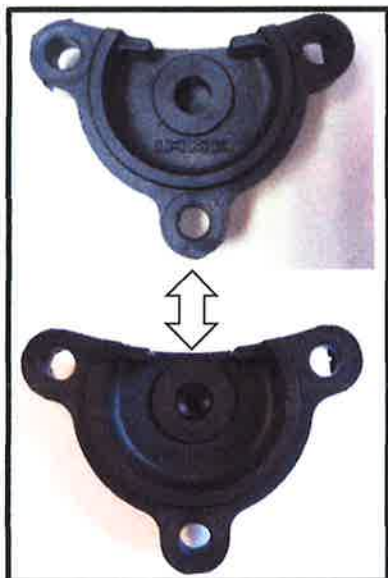
STATOR IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU STATOR



CLUTCH COVER AND H.T. COIL IDENTIFICATION MARKING
MARQUAGE DU COUVERCLE D'EMBRAYAGE ET DE LA BOBINE



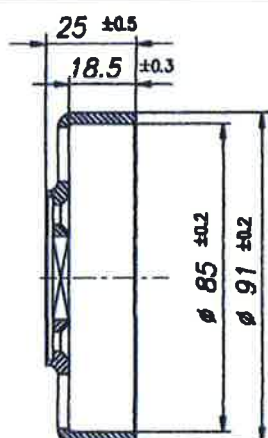
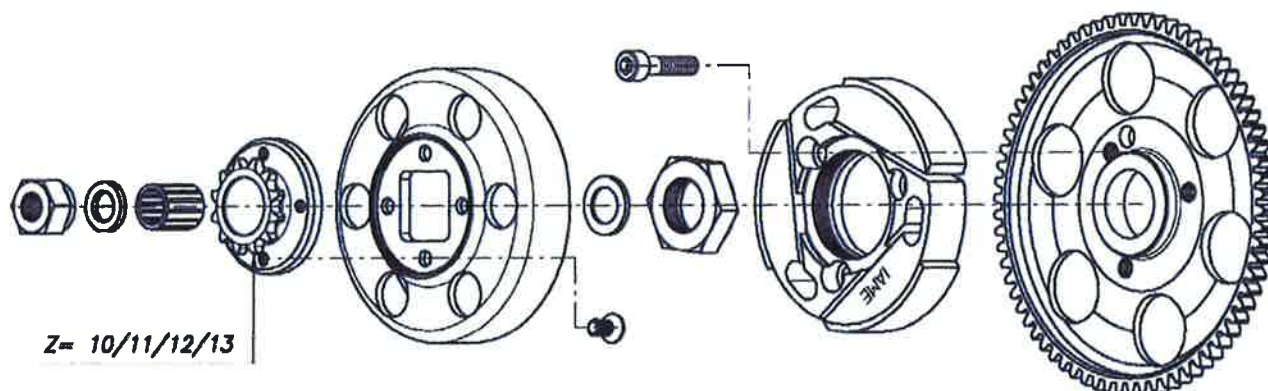
BENDIX COVER IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU COUVERCLE
DU CONTRE-ARBRE DE DEMARRAGE



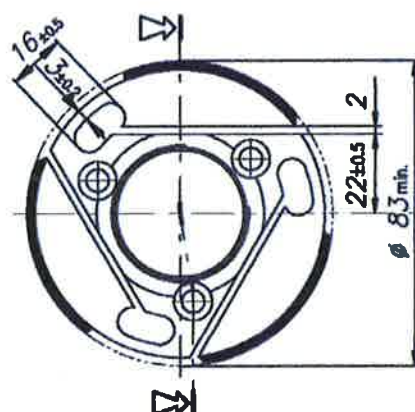
ALTERNATIVE



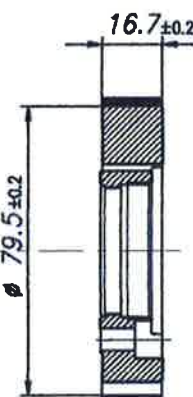
DESCRIPTION OF THE CLUTCH 2013 - DESCRIPTION DE L' EMBRAYAGE 2013



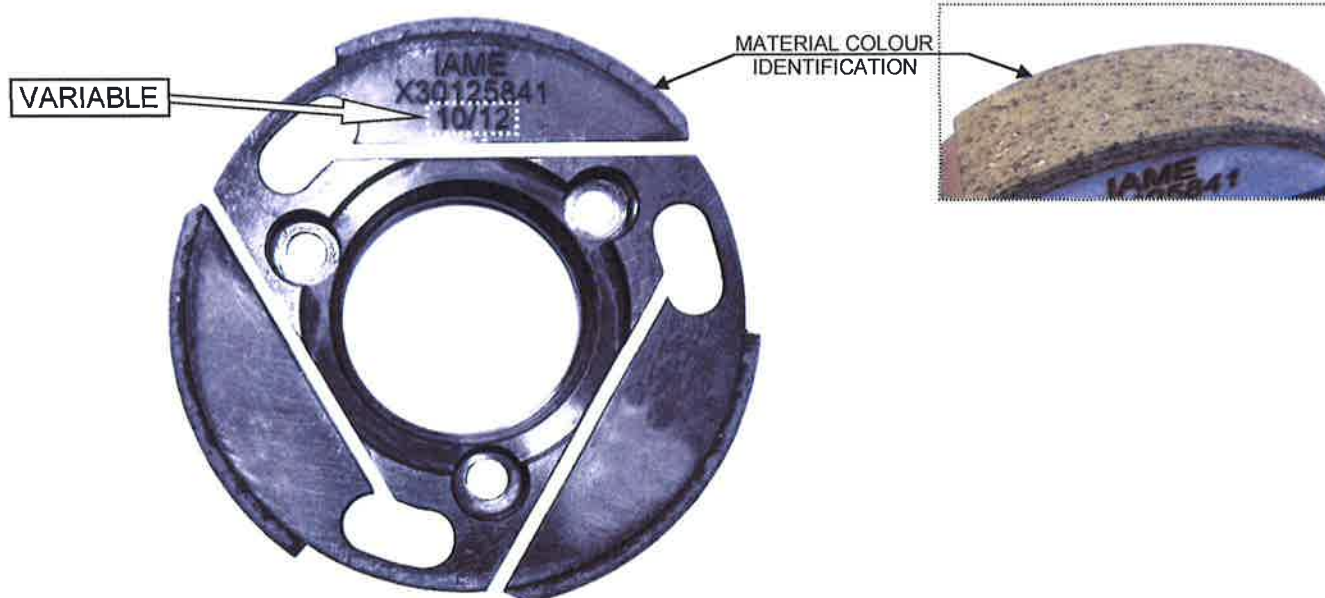
Min. weight 225 g
Poids min. 225 g



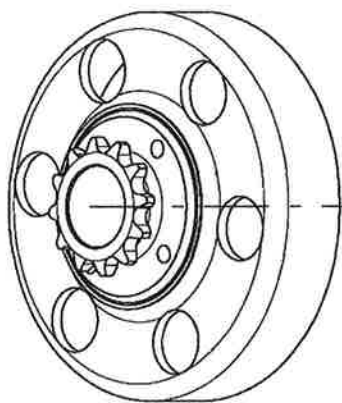
Min. weight 375 g
Poids min. 375 g



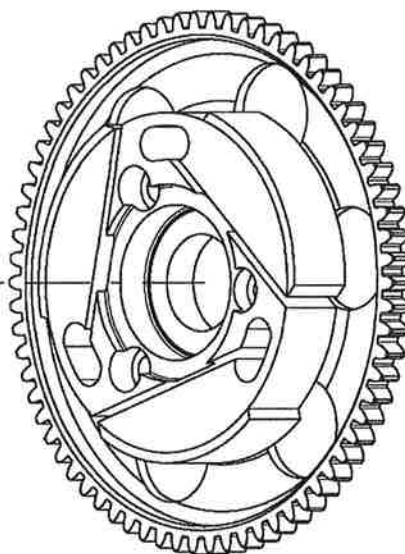
CLUTCH BODY 2013 IDENTIFICATION MARKING MARQUAGE D'IDENTIFICATION CORPS DE EMBRAYAGE 2013



DESCRIPTION OF THE CLUTCH 2013 - DESCRIPTION DE L' EMBRAYAGE 2013

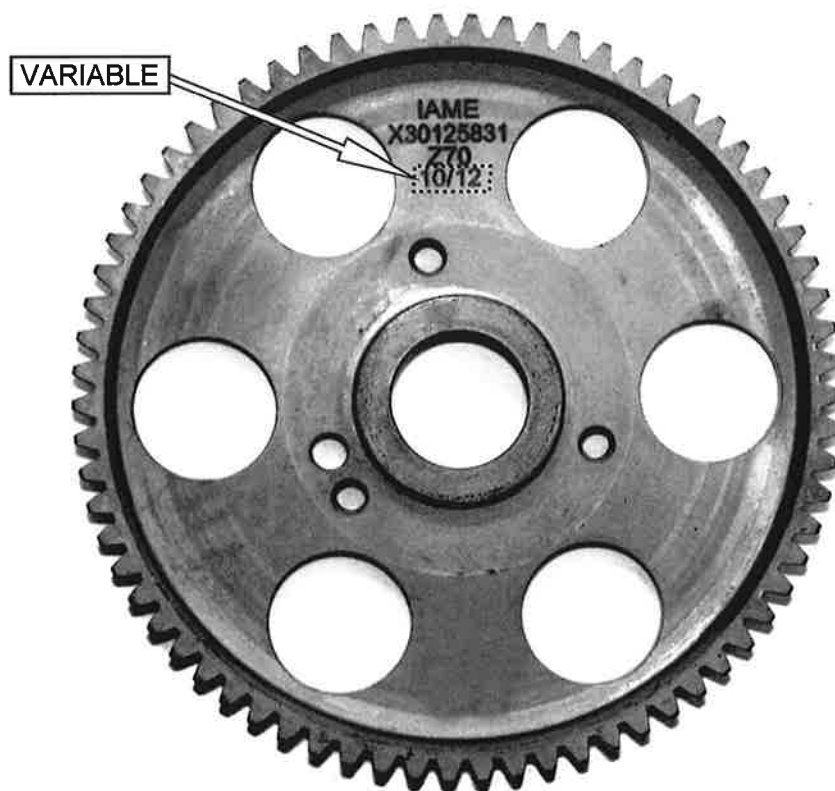


Min. weight 300 g
Poids min. 300 g

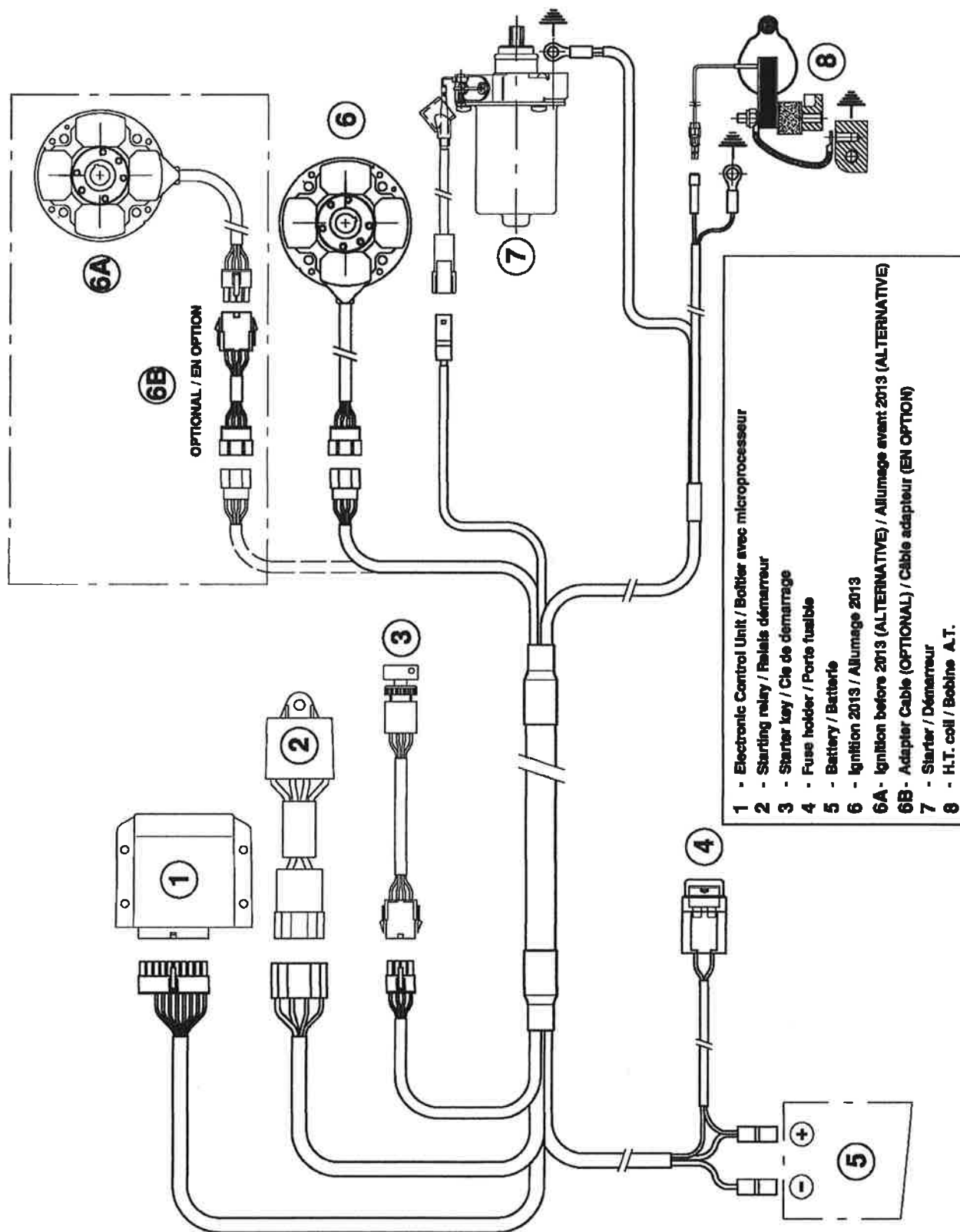


Min. weight 680 g
Poids min. 680 g

STARTER RING 2013 IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DE LA COURONNE DE DEMARRAGE 2013

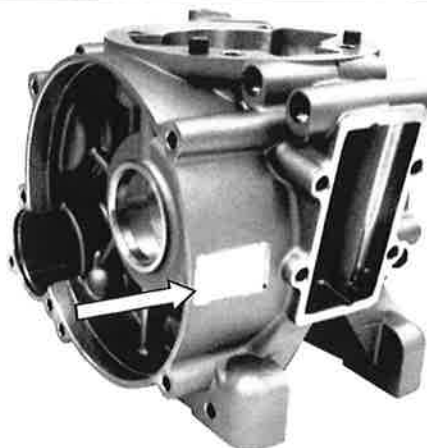
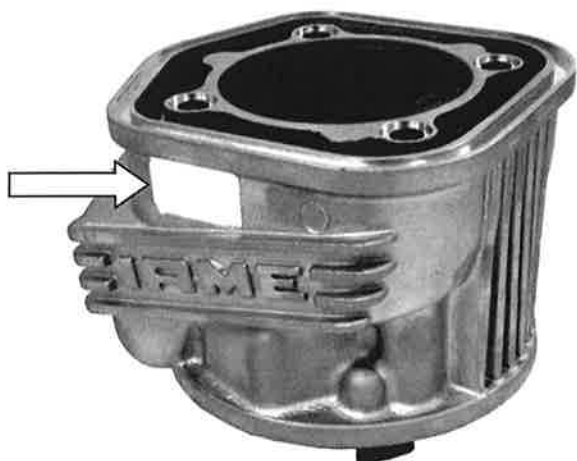


WIRING DIAGRAM (SELETTRA DIGITAL "K" IGNITION 2013)
 SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE SELETTRA DIGITAL "K" 2013)

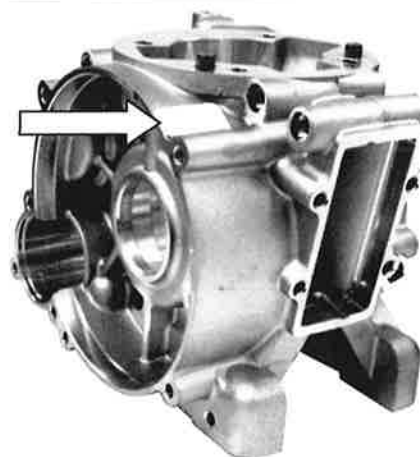


FROM 2014 ON - A PARTIR DE 2014

STICKER APPLICATION AREA - ESPACE POUR L'APPLICATION DE ADHÉSIFS

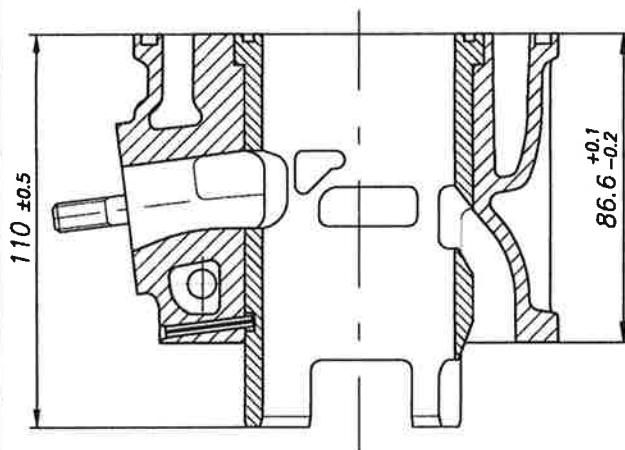
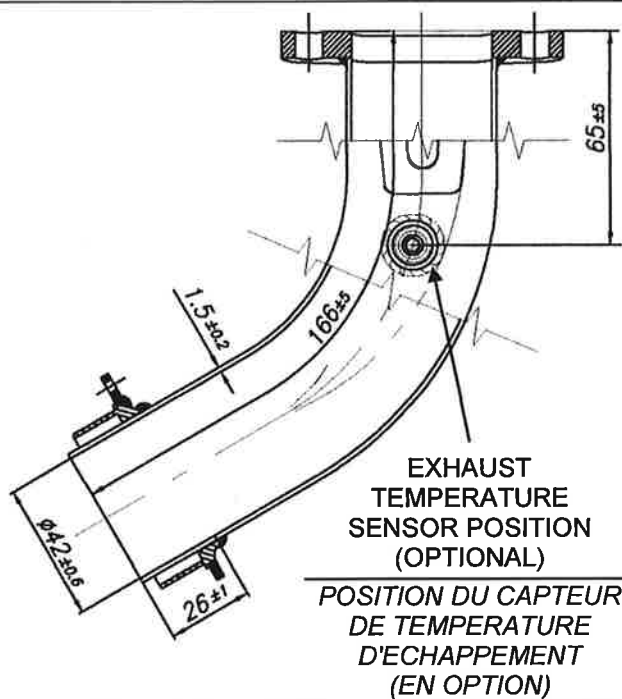


ALTERNATIVE AREA



HEADER EXHAUST DIMENSIONS
CODE D'ÉCHAPPEMENT TAILLE

CYLINDER CROSS SECTION VIEW
VUE EN SECTION DU CYLINDRE



CYLINDER IDENTIFICATION MARKING
MARQUAGE D'IDENTIFICATION DU CYLINDRE

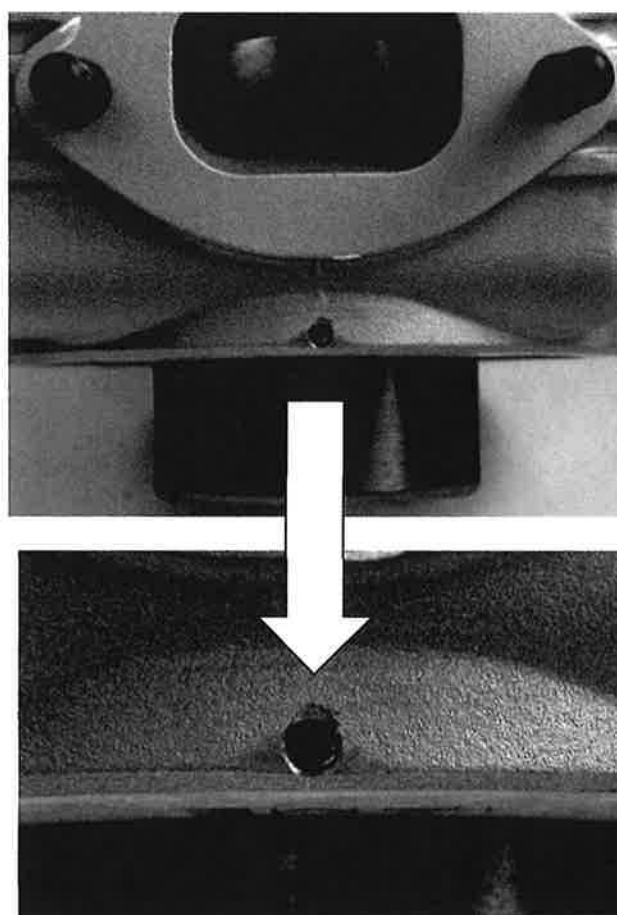
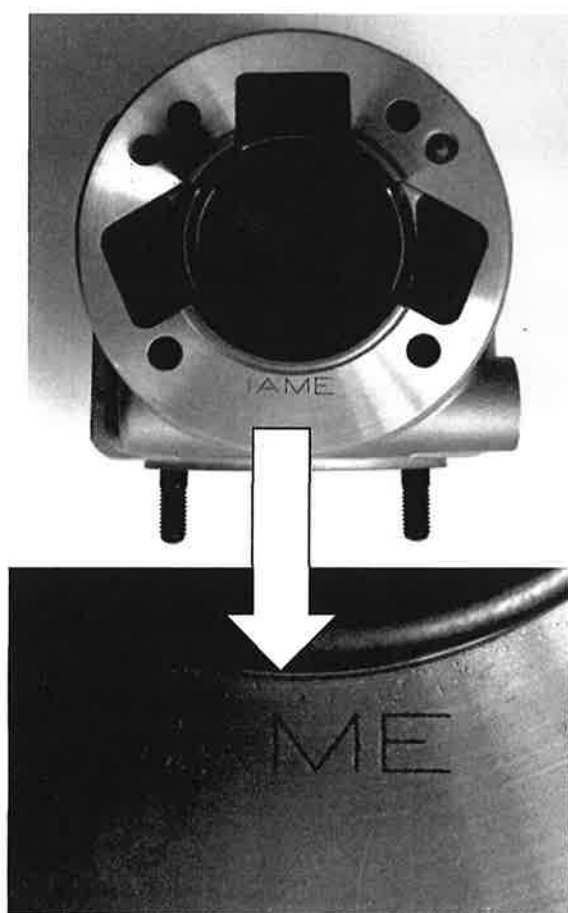
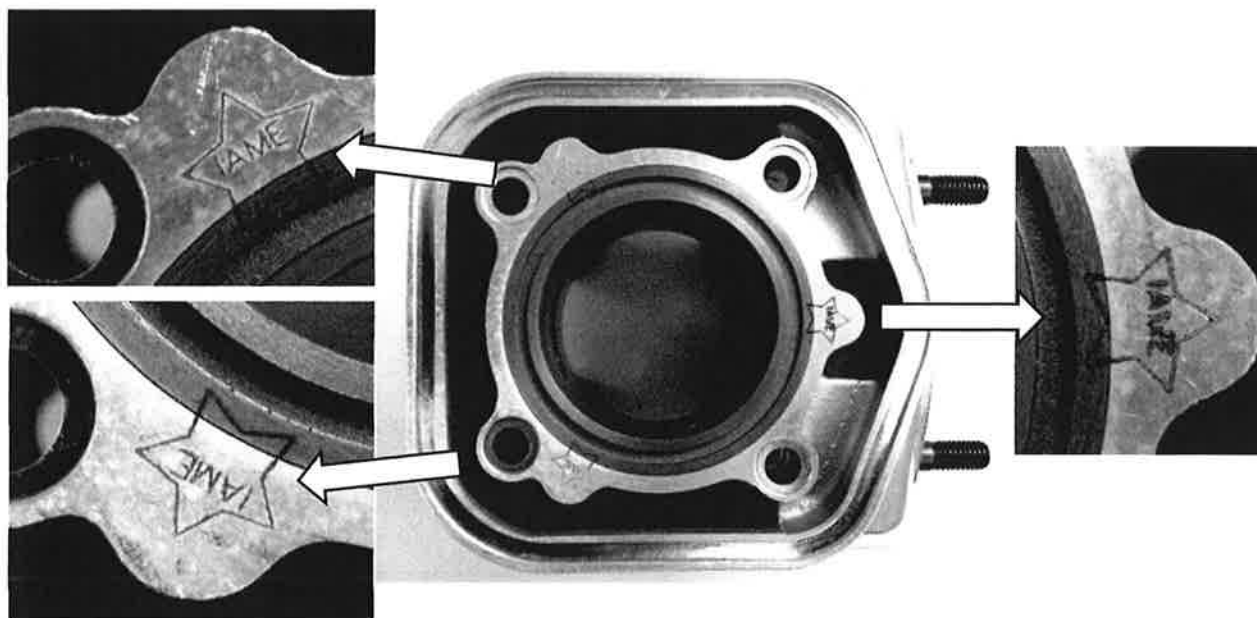
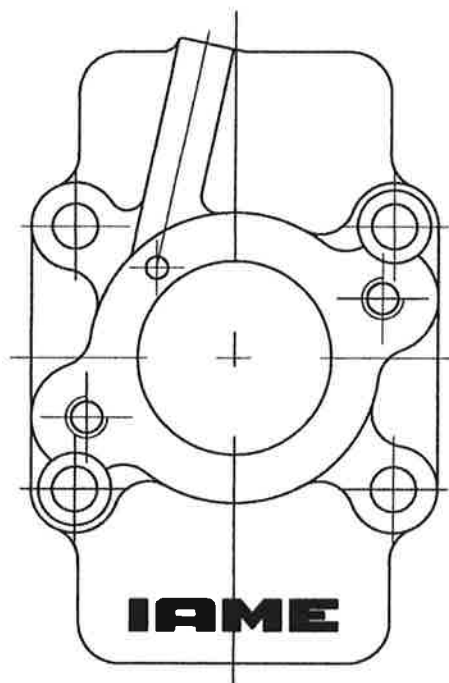


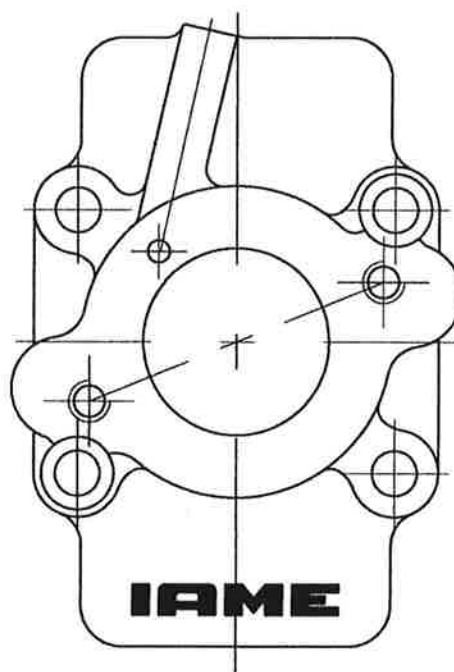
PHOTO IDENTIFICATION CARBURETTOR INLET CONVEYOR
MARQUAGE D'IDENTIFICATION DU COLLECTEUR D'ASPIRATION

Old version - while stocks last
Vieille version - jusqu'à épuisement des stocks

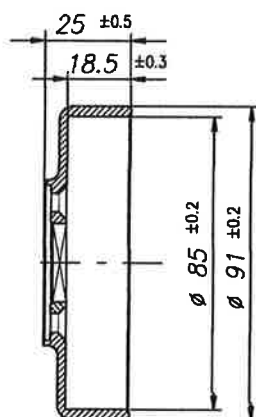
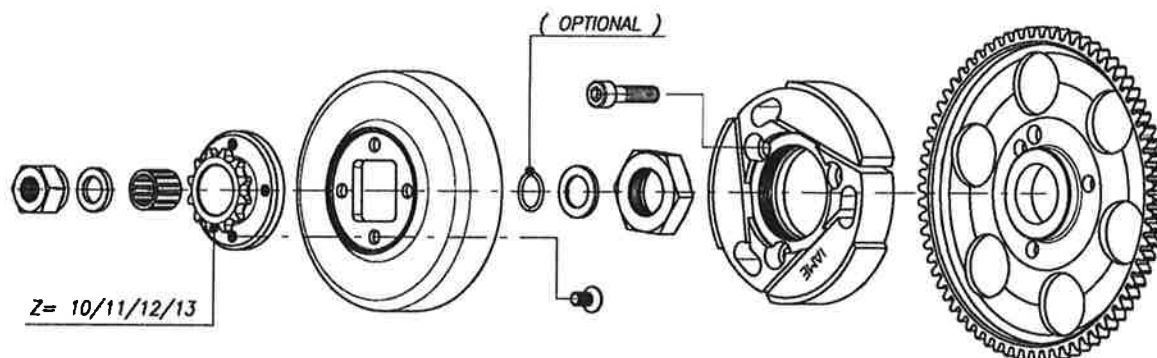


IN ALTERNATIVE

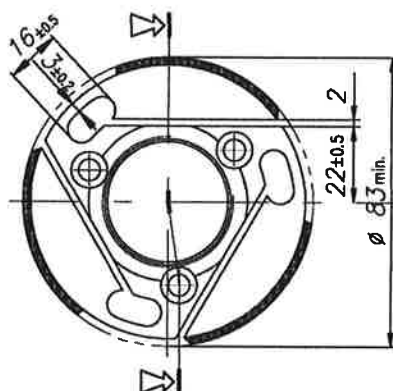
New version
Nouvelle version



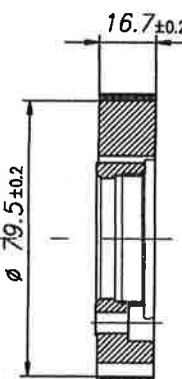
DESCRIPTION OF THE CLUTCH 2015 - DESCRIPTION DE L' EMBRAYAGE 2015



Min. weight 225 g
Poids min. 225g

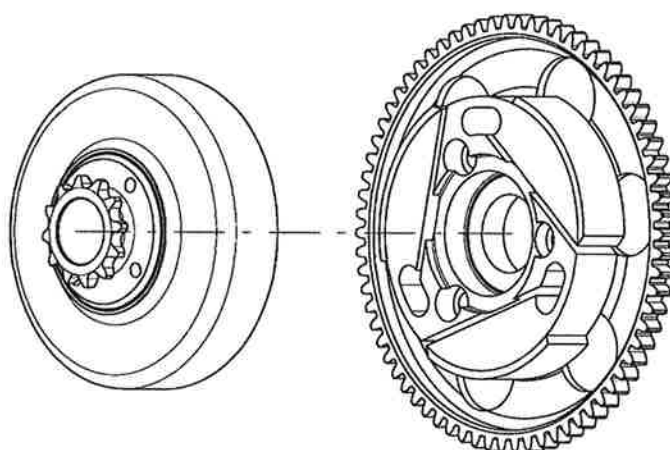


Min. weight 375 g
Poids min. 375g



CLUTCH DRUM 2015 IDENTIFICATION
MARKING
MARQUAGE D'IDENTIFICATION DE LA
CALOTTE 2015

WEIGHT MIN. OF THE CLUTCH 2015
POIDS MIN. DE L' EMBRAYAGE 2015



Min. weight 300 g
Poids min. 300 g

Min. weight 680 g
Poids min. 680 g

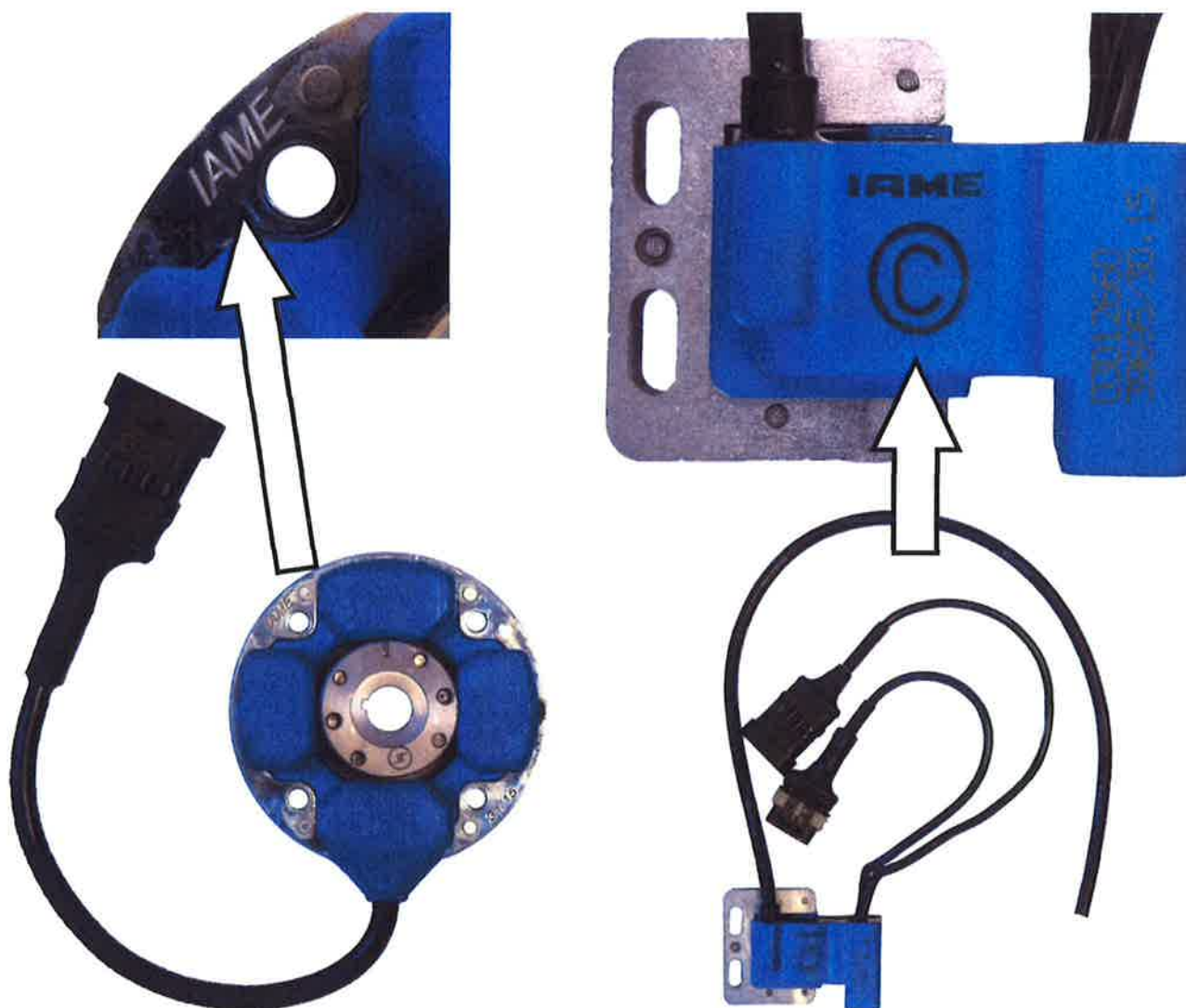
ALTERNATIVE PUSH BUTTONS – START & STOP
BOUTONS “START & STOP” DU DEMARREUR ALTERNATIVE



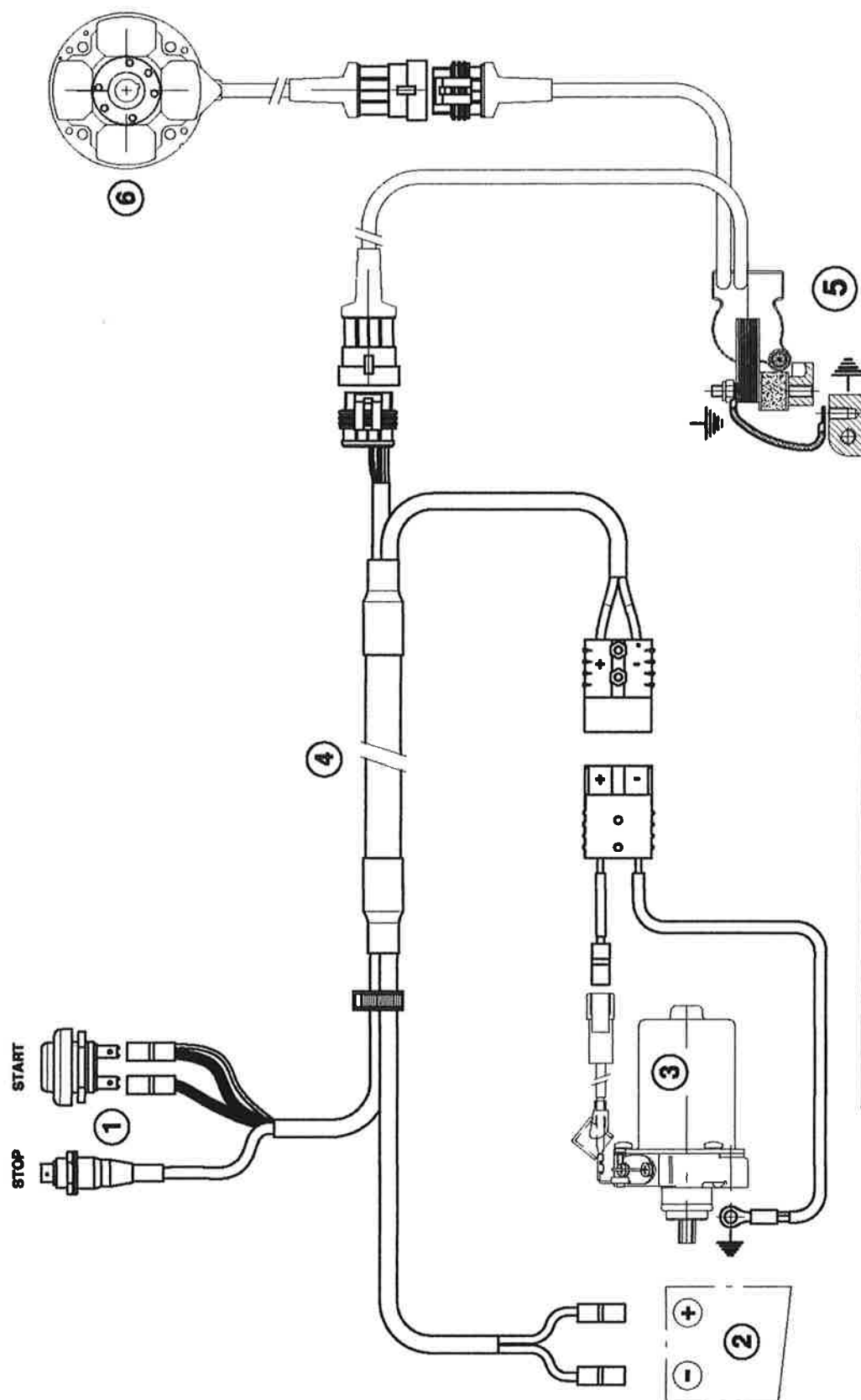
PHOTO COMPLETE ALTERNATIVE WIRING LOOM
 PHOTO DU CABLAGE ELECTRONIQUE COMPLET



PHOTO OF SELETTRA ALTERNATIVE DIGITAL "S" IGNITION, WITH IAME MARKING
 PHOTO DU SELETTRA DIGITAL "S" ALLUMAGE, AVEC MARQUAGE IAME



WIRING DIAGRAM (SELETTRA DIGITAL "S" IGNITION)
SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE SELETTRA DIGITAL "S")



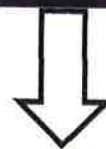
- 1 - Push buttons Start & Stop / Bouton poussoir du démarreur
- 2 - Battery / Batterie
- 3 - Starter / Démarreur
- 4 - Wiring cable / Cabling électrique
- 5 - H.T. coil and Electronic Control Unit / Bobine A.T. et boîtier avec microprocesseur
- 6 - Ignition / Allumage

PHOTO IDENTIFICATION REED GROUP
 PHOTO IDENTIFICATION PYRAMIDE DE CLAPETS

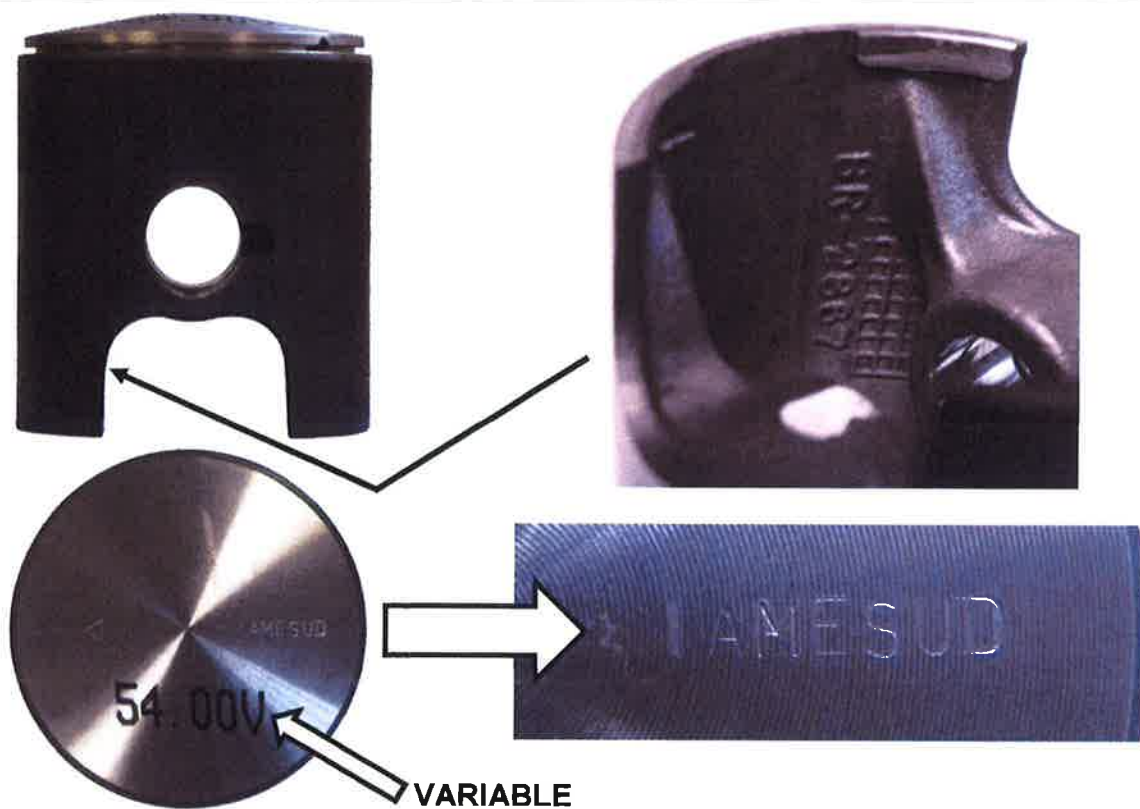
CURRENT VERSION
 ACTUAL VERSION



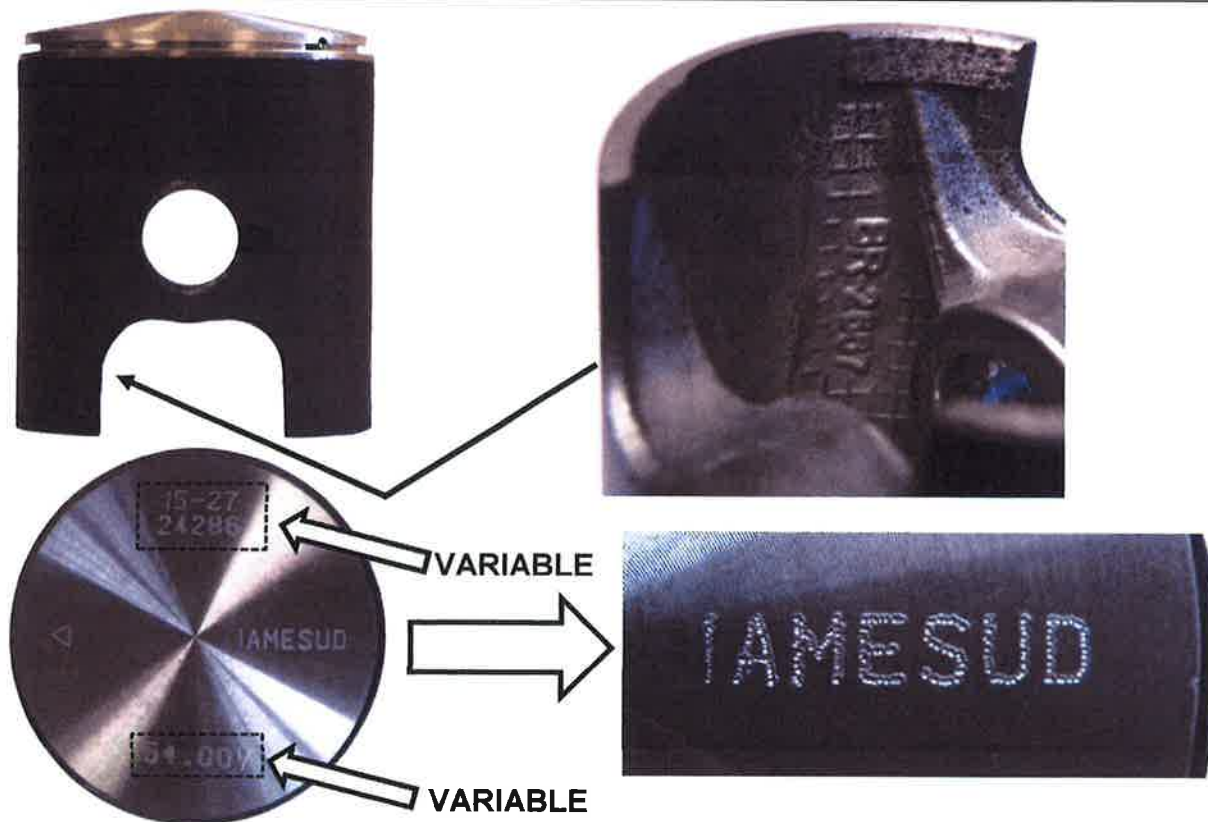
ALTERNATIVE VERSION
 VERSION ALTERNATIVE



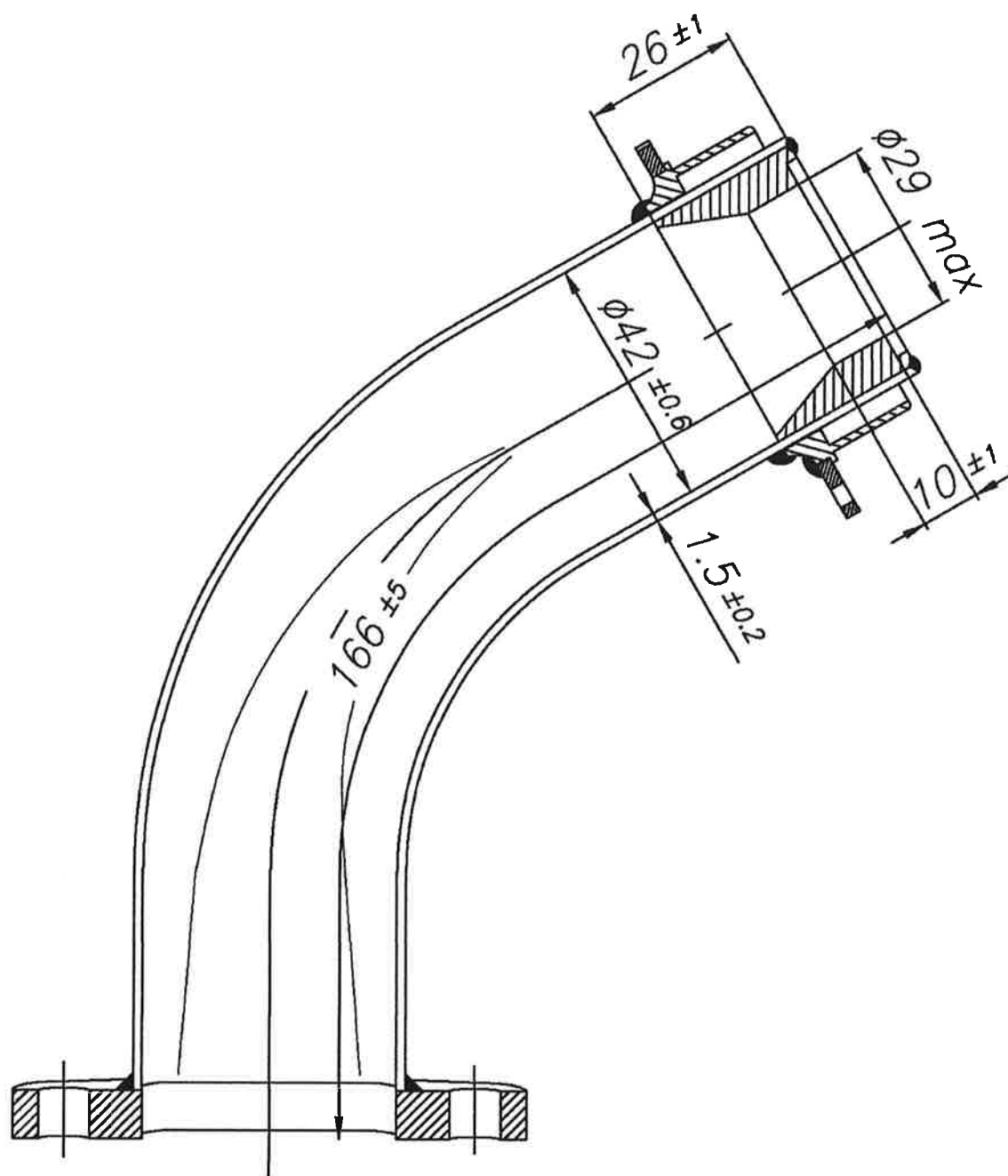
ACTUAL PISTON
PISTON COURANT



ALTERNATIVE PISTON
PISTON ALTERNATIVE



RESTRICTOR PARILLA X30 JUNIOR
RESTRICTEUR PARILLA X30 JUNIOR



ALTERNATIVE EXHAUST HEADER
COLLECTEUR D'ÉCHAPPEMENT ALTERNATIVE



VARIABLE

30/16 X



125cc RL - TaG

**CARBURETTOR / CARBURATEUR
TRYTON HB 27-C**



PHOTO OF INLET SIDE
PHOTO CÔTÉ ASPIRATION

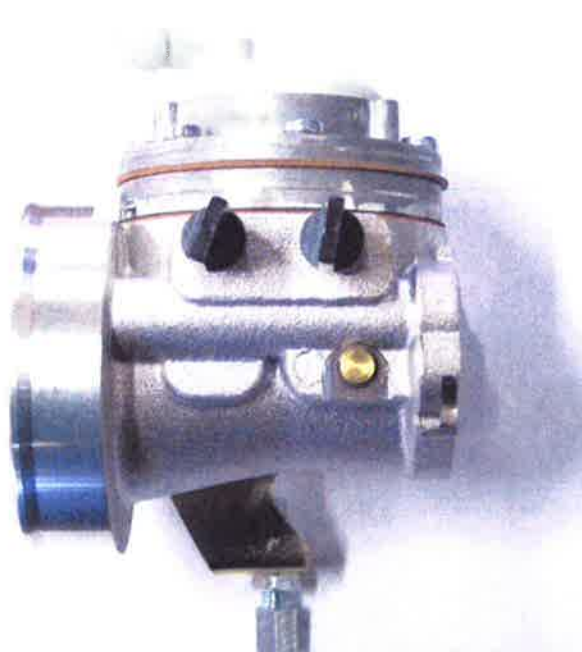
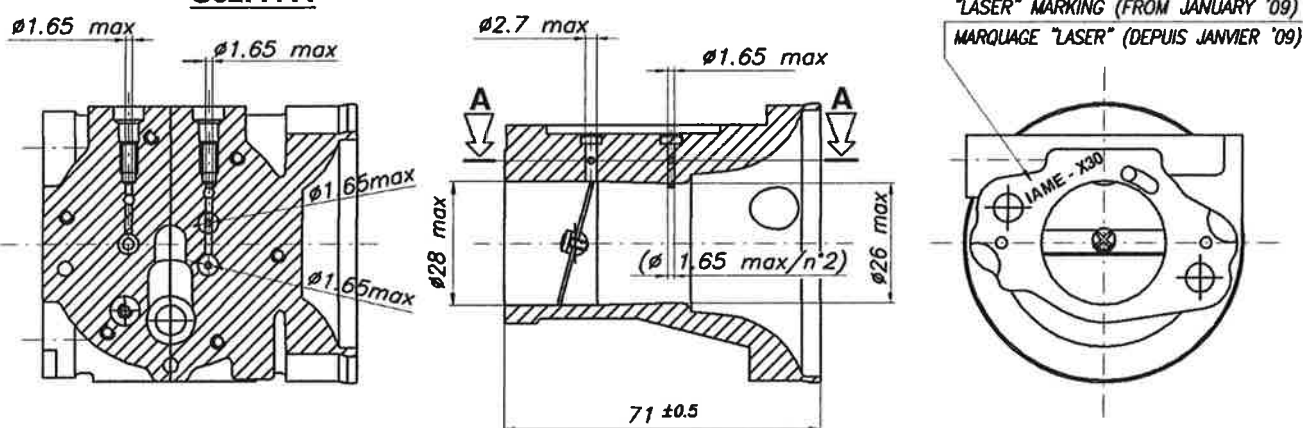


PHOTO OF ADJUSTING SIDE
PHOTO CÔTÉ RÉGLAGE

Manufacturer <i>Constructeur</i>	VA.MEC SRL
Make <i>Marque</i>	TRYTON
Model <i>Modèle</i>	HB 27-C

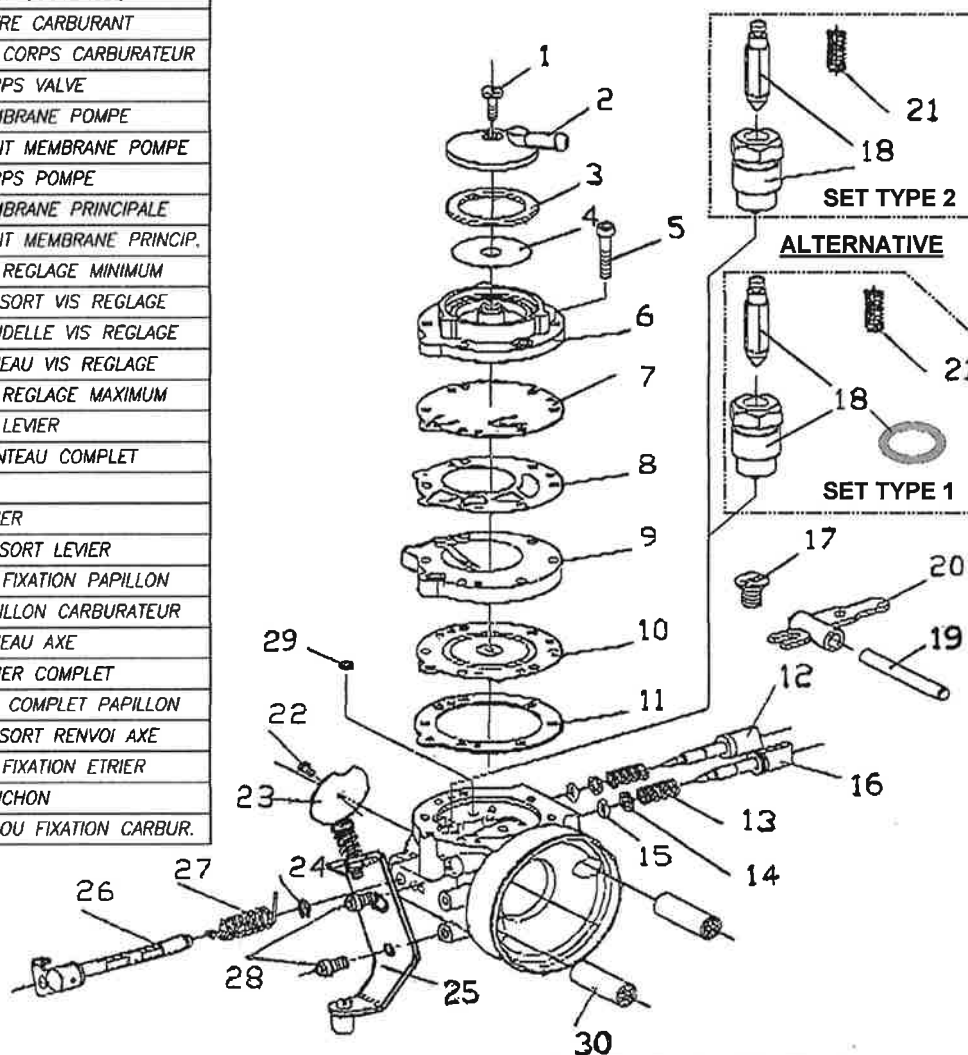
SECTION VIEW / VUE EN SECTION

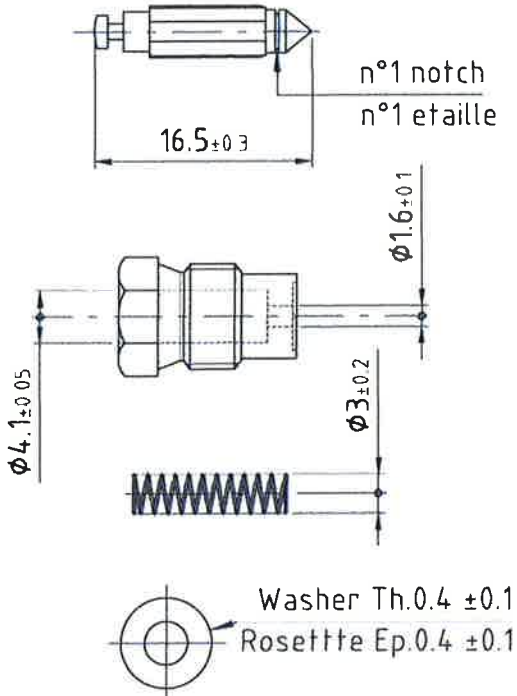
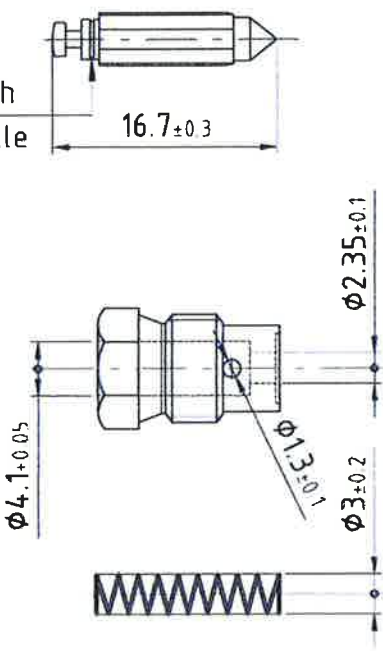
Sez. A-A



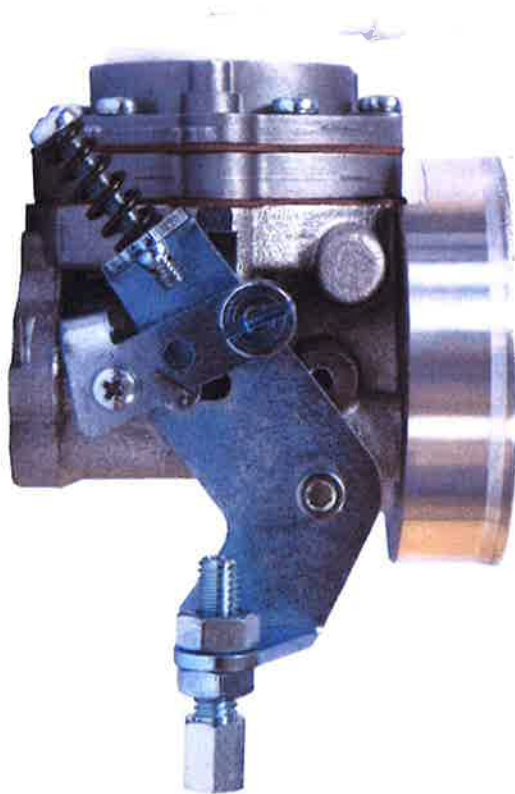
CARBURETTOR DESCRIPTION AND SKETCH OF PARTS DESCRIPTION DU CARBURATEUR ET ESQUISSE DES PIÈCES

Rif.	DESCRIPTION	
1	COVER SCREW	VIS COUVERCLE
2	FILTER COVER	COUVERCLE FILTRE
3	COVER GASKET	JOINT COUVERCLE
4	FUEL SCREEN FILTER	FILTRE CARBURANT
5	BODY SCREW	VIS CORPS CARBURATEUR
6	VALVE BODY	CORPS VALVE
7	PUMP DIAPHRAGM	MEMBRANE POMPE
8	PUMP DIAPHRAGM GASKET	JOINT MEMBRANE POMPE
9	PUMP BODY	CORPS POMPE
10	DIAPHRAGM	MEMBRANE PRINCIPALE
11	DIAPHRAGM GASKET	JOINT MEMBRANE PRINCIP.
12	NEEDLE LOW SPEED	VIS REGLAGE MINIMUM
13	NEEDLE SPRING	RESSORT VIS REGLAGE
14	NEEDLE WASHER	RONDELLE VIS REGLAGE
15	NEEDLE O-RING	ANNEAU VIS REGLAGE
16	NEEDLE HIGH SPEED	VIS REGLAGE MAXIMUM
17	SCREW LEVER	VIS LEVIER
18	NEEDLE VALVE	POINTEAU COMPLET
19	LEVER PIN	AXE
20	INLET LEVER	LEVIER
21	INLET LEVER SPRING	RESSORT LEVIER
22	THROTTLE SHUTTER SCREW	VIS FIXATION PAPILLON
23	THROTTLE SHUTTER	PAPILLON CARBURATEUR
24	SHAFT RETAINING RING	ANNEAU AXE
25	BRACKET	ETRIER COMPLET
26	SHAFT SHUTTER	AXE COMPLET PAPILLON
27	SHAFT SPRING	RESSORT RENVOI AXE
28	BRACKET SCREW	VIS FIXATION ETRIER
29	PLUG	BOUCHON
30	BOLT	ECROU FIXATION CARBUR.

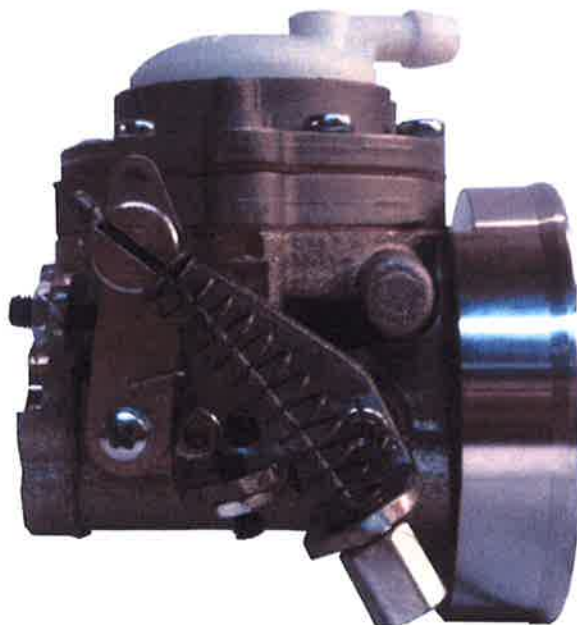


SET TYPE 1 GROUPE TYPE 1	SET TYPE 2 GROUPE TYPE 2
	
PHOTO IDENTIFICATION SET TYPE 1 PHOTO D'IDENTIFICATION GROUPE TYPE 1	PHOTO IDENTIFICATION SET TYPE 2 PHOTO D'IDENTIFICATION GROUPE TYPE 2
	

BRACKET CABLE & LIMITER
ETRIER CABLE & GROUP LIMITEUR

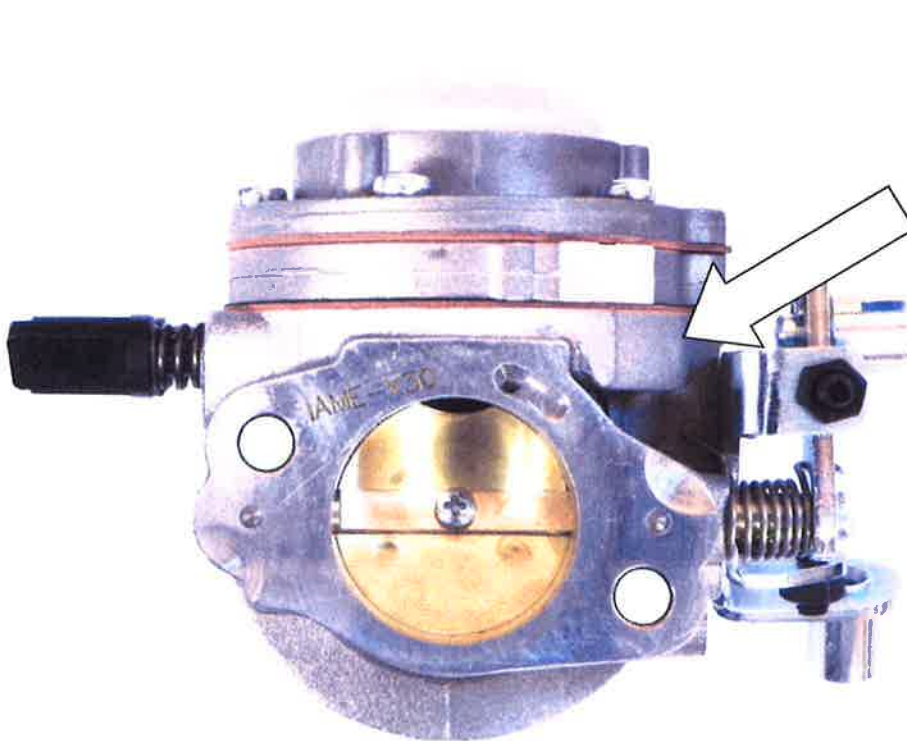


IN ALTERNATIVE



ALTERNATIVE FIXING FLANGE (Engine Side)
ALTERNATIVE BRIDE DE FIXATION (côté de moteur)

Old version - while stocks last
Vieille version - jusqu'à épuisement des stocks



IN ALTERNATIVE

New version
Nouvelle version

