
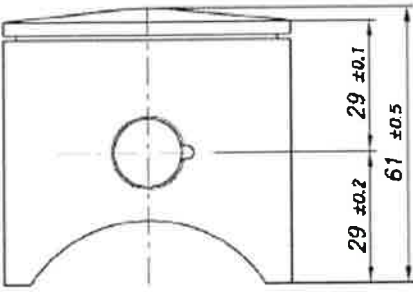
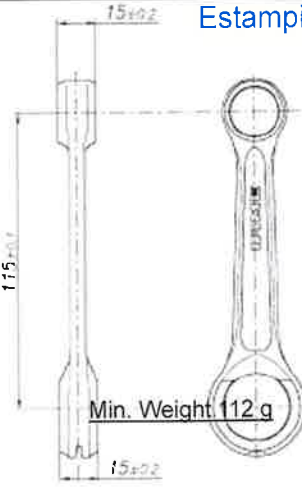


TTI ENGINE - POWERFULL - TAG



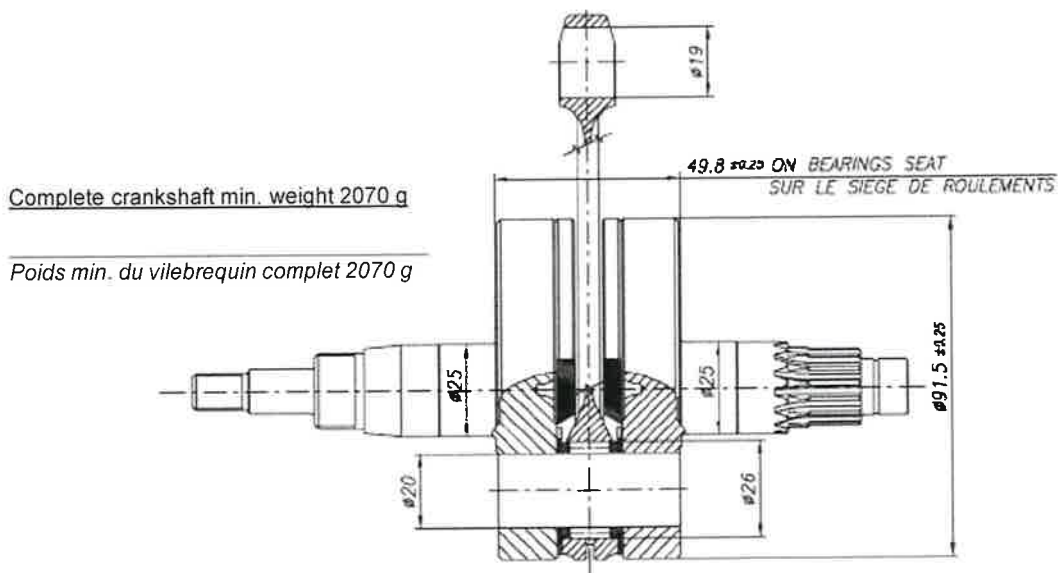
FEATURES - CARACTERISTIQUES TOUTES PIECES ORIGINES TTI

		Cylinder volume <i>Volume du cylindre</i> MARQUAGE TTI	174.46 cm ³ (Max 176.6 cm³)
		Bore <i>Alésage</i>	63.90 mm
		Max. theoretical bore <i>Alésage théorique max.</i>	64.26 mm
		Stroke <i>Course</i>	54.40 mm
		Distance between conrod cent. <i>Longueur (entre axe) de la bielle</i>	115 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 <i>Carburateur</i>	Dell'Orto VHSB 36-RD TTI
Number of piston rings <i>Nombre de segments</i>	1	Inlet / exhaust ports number <i>N° lumières adm. / échapp.</i>	5/3
Big end conr. bearing diam. <i>Diamètre palier tête de bielle</i>	20x26x15	Combustion chamber shape <i>Forme chambre de combustion</i>	Spherical <i>Sphérique</i>
Crankshaft bearing diam. <i>Diamètre palier du vilebrequin</i>	25x52x15 (2Pc.) 15x35x11 (1Pc.)	Selettra ignition TTI <i>Allumage Selettra / PVL TTI</i>	Digital "K" Digital "S" 690 Type
Small end conr. bearing diam. <i>Diamètre palier pied de bielle</i>	15x19x20	Electric starter <i>Démarrateur électrique</i>	Yes <i>Oui</i>

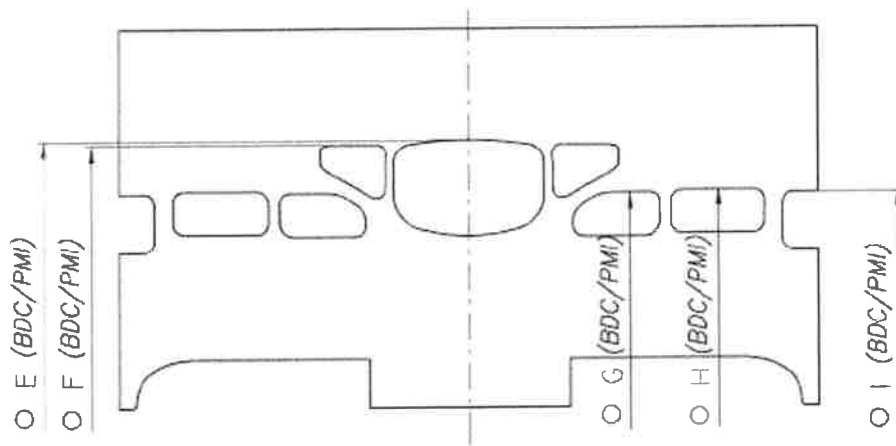
DESCRIPTION OF THE MATERIAL DESCRIPTION DES MATERIAUX		PISTON Estampillé TTI	
Conrod material <i>Matériel de la bielle</i>	Steel <i>Acier</i>	 <p>Piston min. weight (ring incl.) 155 g Poids min. piston (avec segment) 155 g</p>	
Crankshaft material <i>Matériel du vilebrequin</i>	Steel <i>Acier</i>		
Gearbox shafts material <i>Matériel de l'arbres de boîte de vitesses</i>	Steel <i>Acier</i>		
Gears material <i>Matériel des engrenages</i>	Steel <i>Acier</i>		
Starter ring material <i>Matériel de la couronne démarr.</i>	Steel / Acier or / ou Aluminium		
Head material <i>Matériel de la culasse</i>	Aluminium	DISTANCE BETWEEN CONROD CENTERS ENTRE AXE DE LA BIELLE	
Cylinder material <i>Matériel du cylindre</i>	Aluminium	 <p>Min. Weight 112 g Poids min. 112 g</p>	
Liner material <i>Matériel de la chemise</i>	Iron <i>Fonte</i>		
Crankcase material <i>Matériel du carter</i>	Aluminium		
Piston material <i>Matériel du piston</i>	Aluminium		
Piston rings material <i>Matériel des segments</i>	Iron <i>Fonte</i>		
Exhaust muffler material <i>Matériel du pot d'échappement</i>	Sheet-steel <i>Tôle acier</i>		



CRANKSHAFT – VILEBREQUIN



CYLINDER DEVELOPMENT - DEVELOPPEMENT DU CYLINDRE TTI

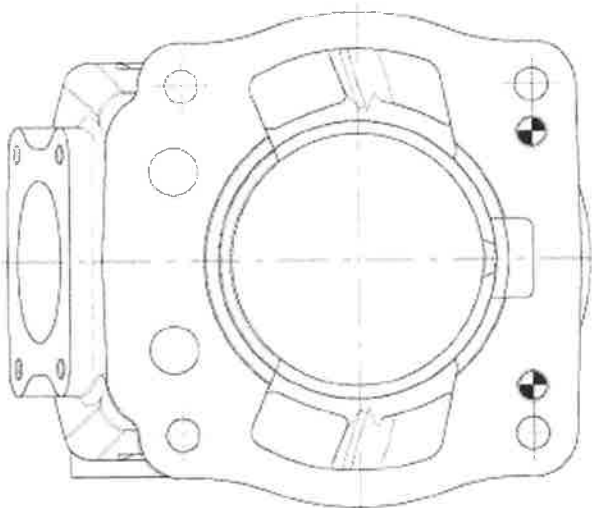


E	195° ± 2°
F	189° ± 2°
G	122.5° ± 2°
H	125.5° ± 2°
I	121° ± 3°

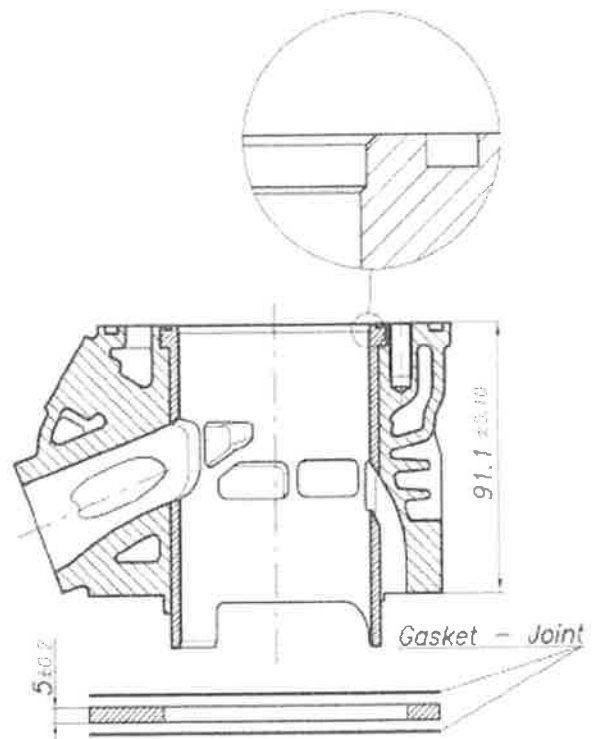
○ ANGULAR READING BY INSERTING A 0.2x5mm GAUGE
 LECTURE ANGULAIRE PAR INSERTION D'UNE CALE DE 0.2x5mm



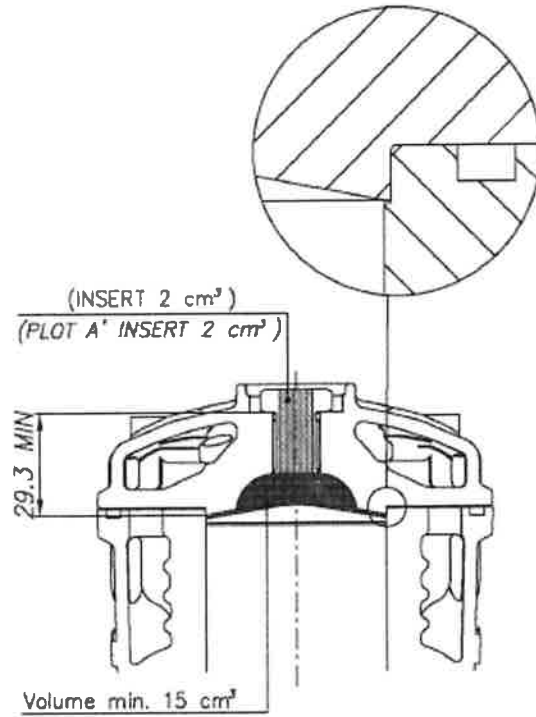
CYLINDER BASE VIEW
 VUE DE LA BASE DU CYLINDRE TTI



CYLINDER CROSS SECTION VIEW
 VUE EN SECTION DU CYLINDRE TTI



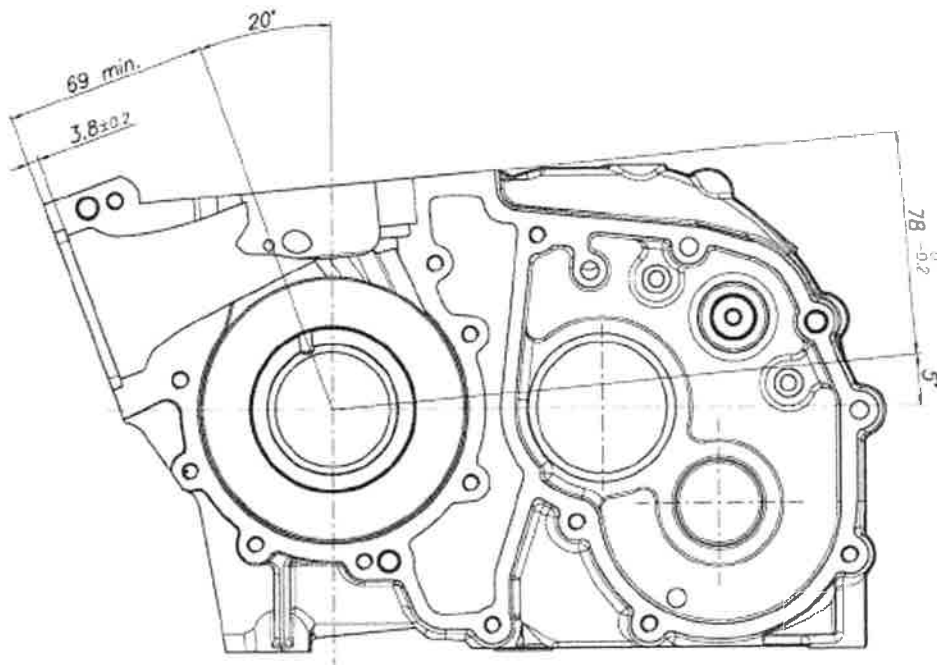
COMBUSTION CHAMBER VIEW
 VUE DE LA CHAMBRE DE COMPRESSION



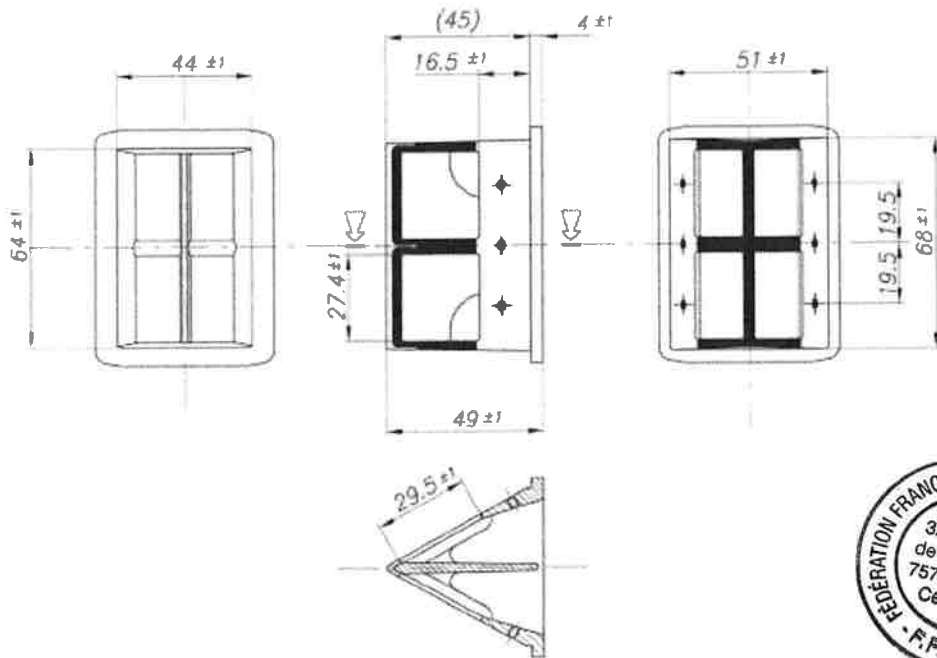
COMBUSTION CHAMBER VOLUME TOT. = 17 cm³ min.
VOLUME CHAMBRE COMBUSTION TOT. = 17 cm³ min.

| SQUISH MIN. = 1 mm |

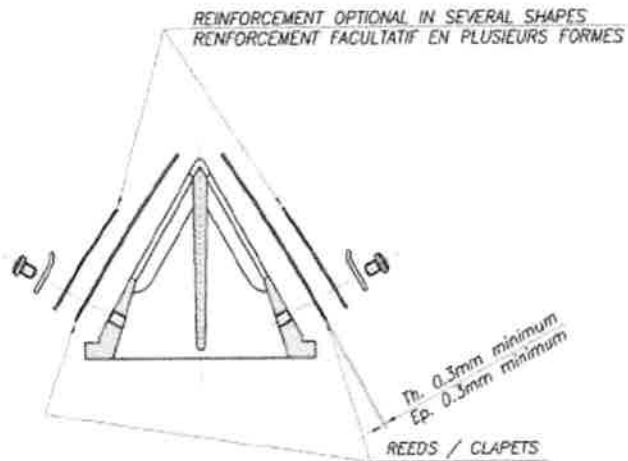
CRANKCASE INSIDE VIEW TTI
 VUE A' L' INTERIEUR DU CARTER TTI



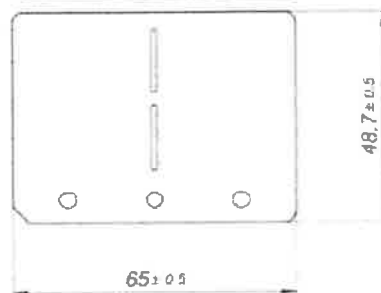
REED VALVE
BOÎTE À CLAPETS



ASSEMBLY OF REED VALVE TTI POWERFULL
DESSIN D'ENSEMBLE DE LA BOÎTE À CLAPETS TTI POWERFULL

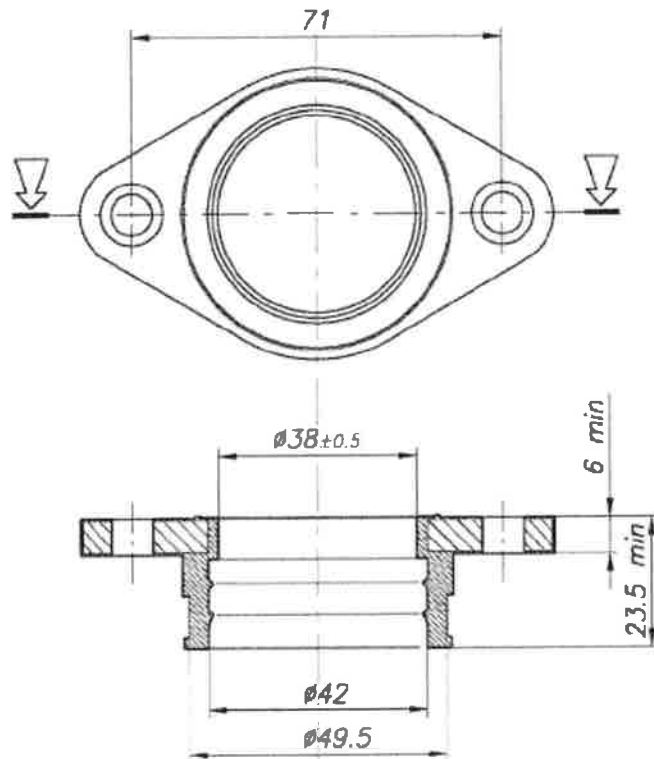


REEDS / CLAPETS ORIGINE TTI POWERFULL

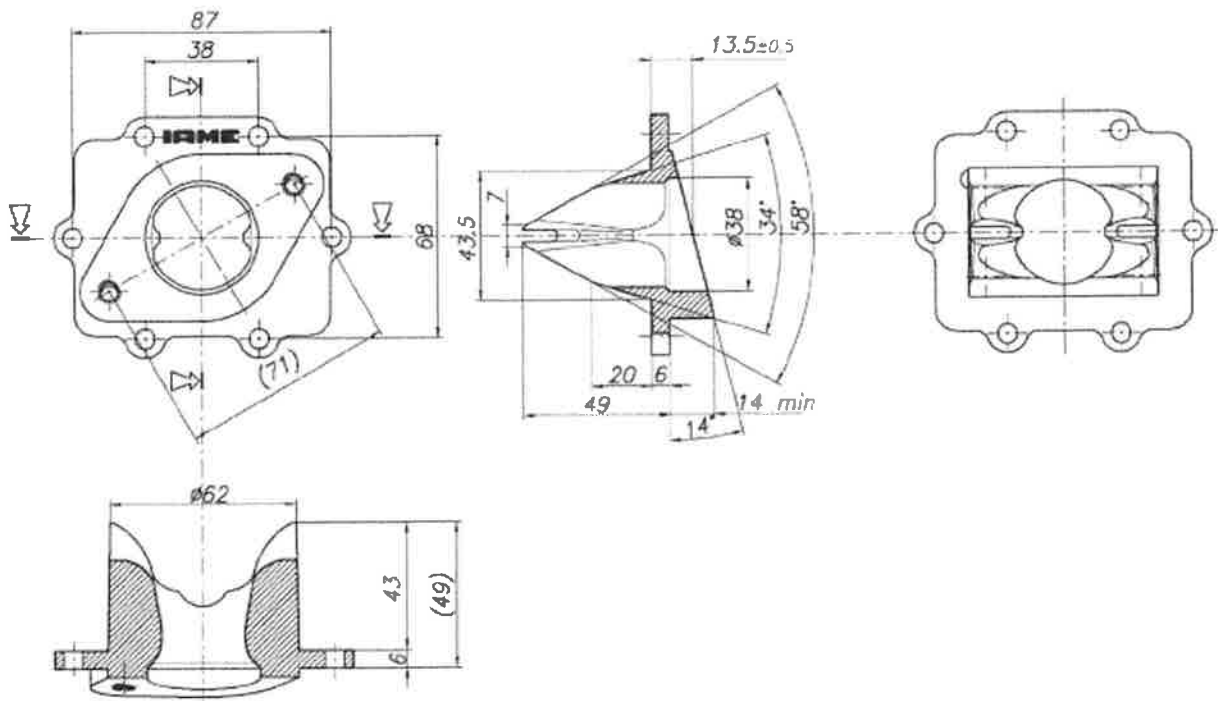


N.B.: ONLY REED "IAME" GENUINE CARBON FIBER ARE PERMITTED.
N.B. : SEULS LES CLAPETS D'ORIGINE "IAME" EN FIBRE DE CARBONE SONT AUTORISES.

CARBURETOR FITTING RUBBER
RACCORD DU CARBURATEUR EN CAOUTCHOUC



REED VALVE COVER
COUVERCLE DE LA BOÎTE A CLAPETS

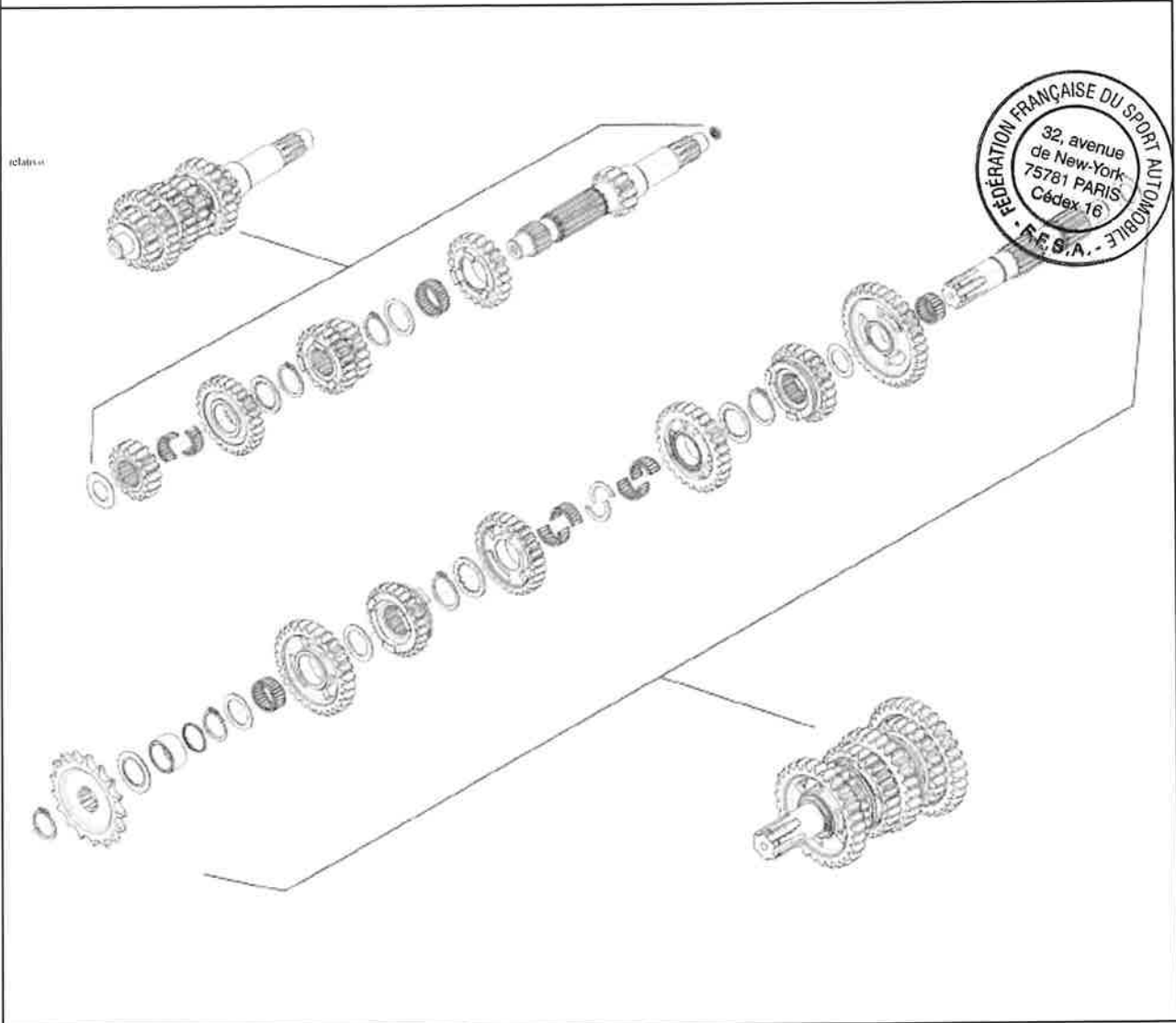


GEARBOX - BOÎTE DE VITESSES

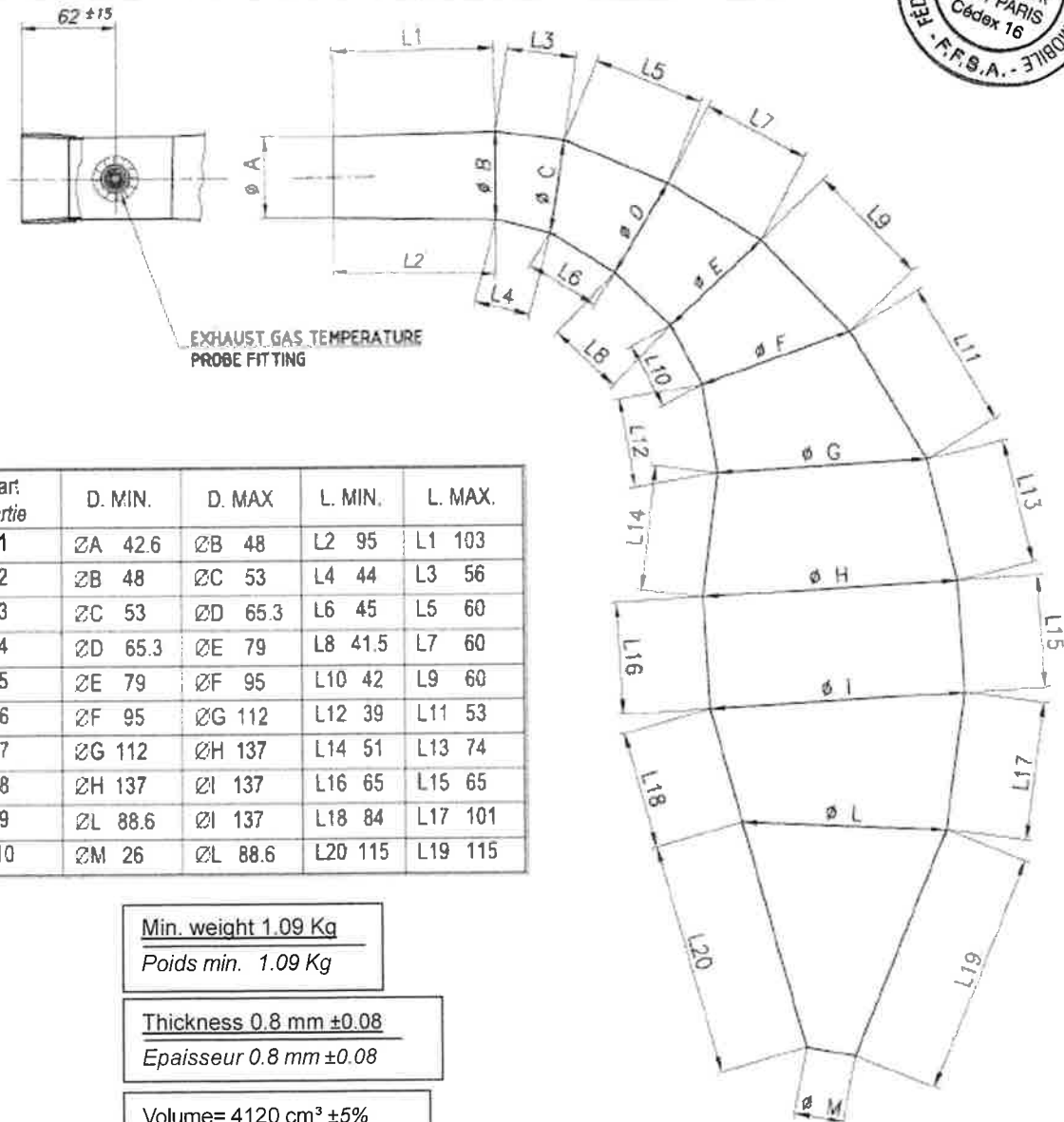
Primary coupling - *Couple primaire* 19 / 75

Gearbox ratios		<i>Rapports de boîte de vitesses</i>	
Gear - <i>Vitesse</i>	Primary shaft <i>Arbre primaire</i>	Secondary shaft <i>Arbre secondaire</i>	Reading of values obtained after three engine revs <i>Relevé des valeurs obtenues après trois tours moteur</i>
1 st / 1 ^{ère}	13	33	107.78°
2 nd / 2 ^e	16	29	150.95°
3 rd / 3 ^e	18	27	182.40°
4 th / 4 ^e	22	27	222.93°
5 th / 5 ^e	22	23	261.70°
6 th / 6 ^e	27	25	295.49°

EXPLODED DRAWING OF THE GEARS, MAINSHAFT AND SECONDARY SHAFT
DESSIN EXPLOSE DES ENGRANAGES, ARBRE PRIMAIRE ET ARBRE SECONDARIE



EXHAUST VIEW, PHOTO AND DIMENSIONS
 VUE, PHOTO ET DIMENSIONS DE L'ÉCHAPPEMENT

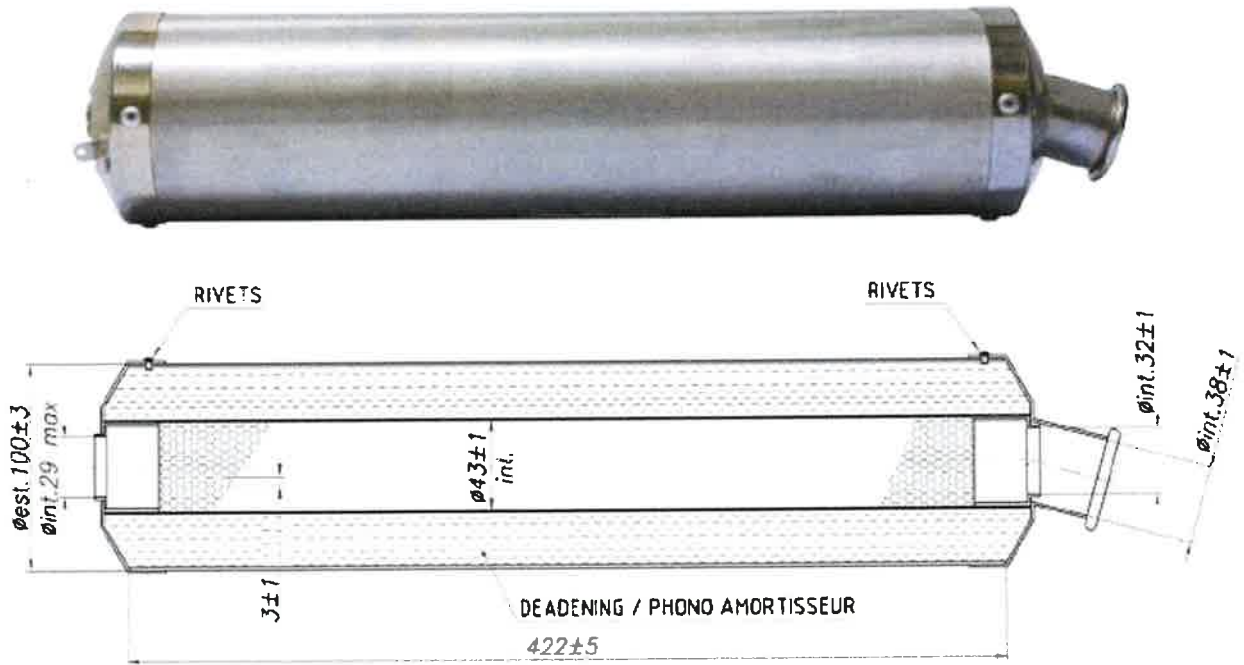


MC RACING CIK-FIA 6/EX - SI/22 ESTAMPILLE TTI

VUE, PHOTO ET DIMENSIONS DU SILENCIEUX



MC RACING SILENCER VIEW, PHOTO AND DIMENSIONS
VUE, PHOTO ET DIMENSIONS DU SILENCIEUX MC RACING

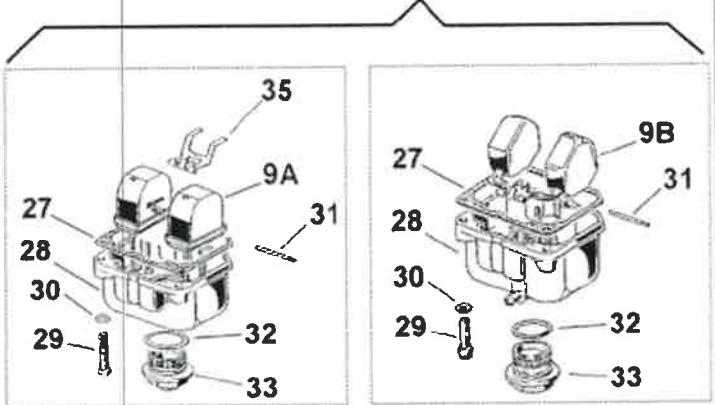
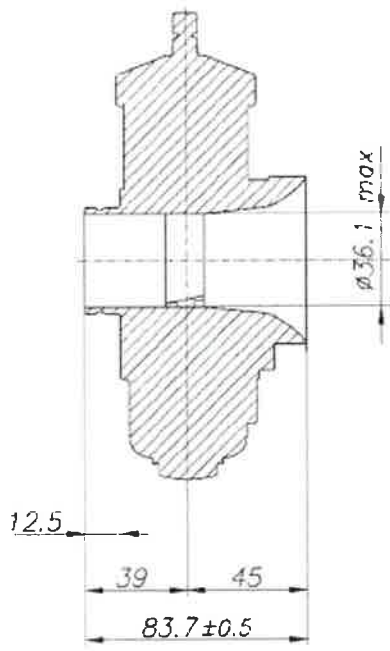
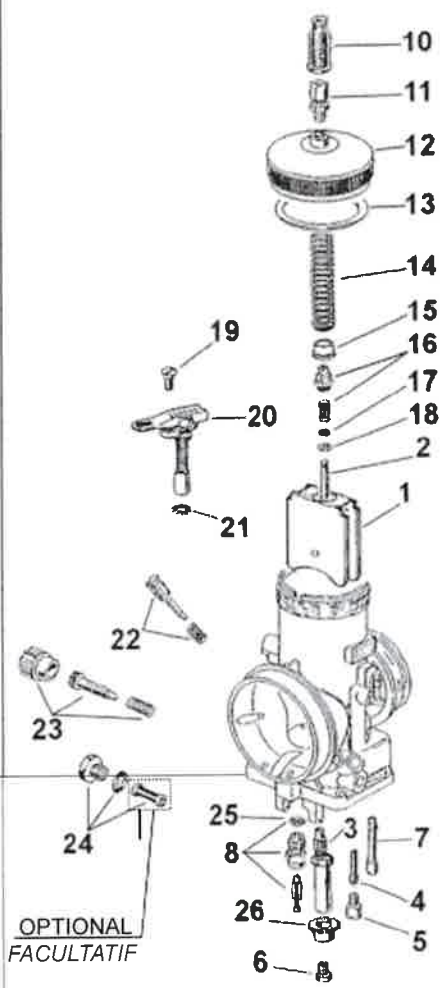


"MC Racing" Hom. CSAI 1041695 / 12

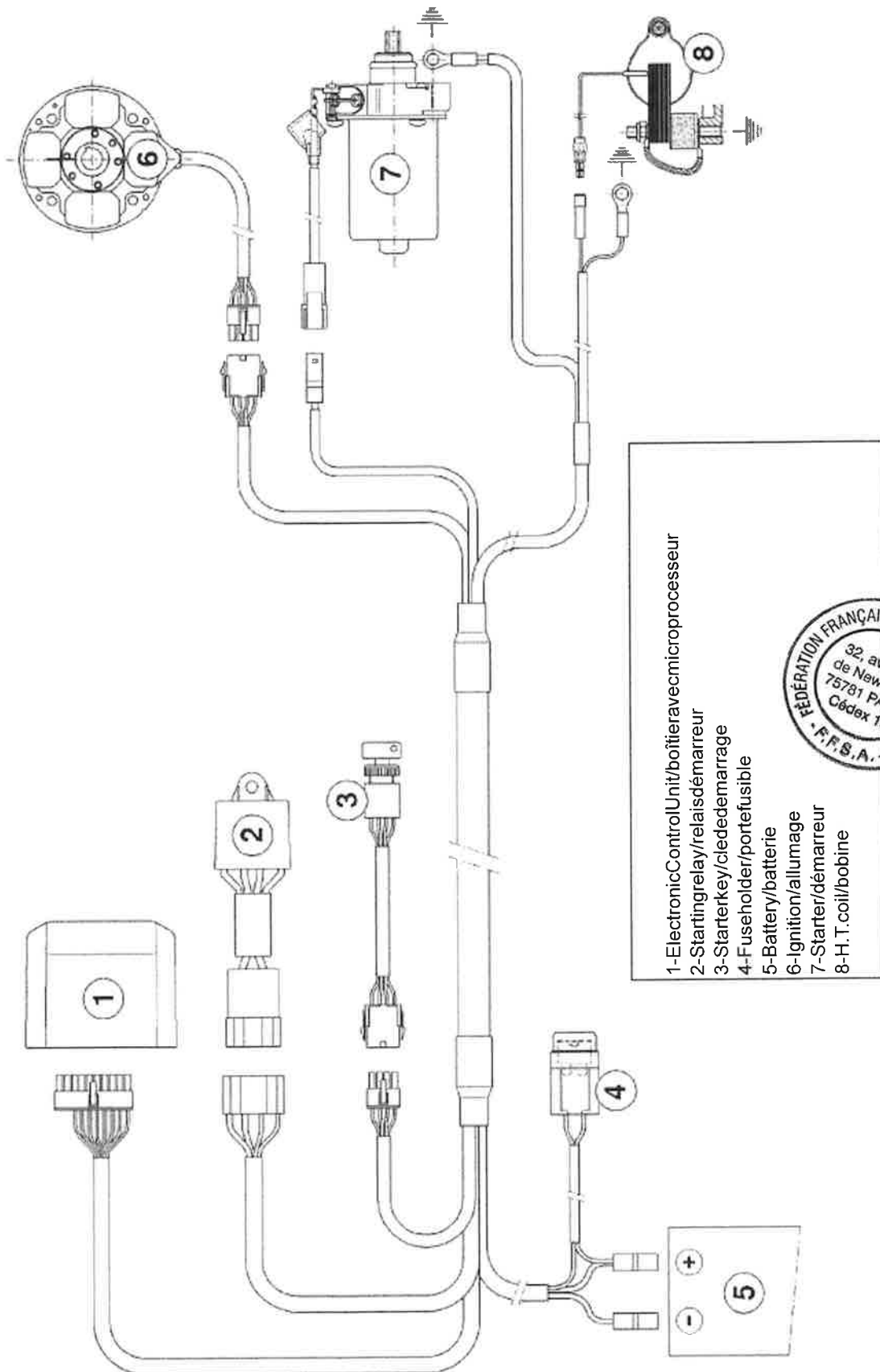
EXPLODED DRAWING AND VENTURI CARB. "DELLORTO VHSB 36-RD" DIMENSIONS TTI
 DESSIN EXPLOSÉ ET DIMENSIONS DU VENTURI DU CAR. "DELLORTO VHSB 36-RD" TTI

1. Throttle Valve - SOUPAPE GAZ
2. Conical Needle - AIGUILLE CONIQUE
3. Sprayer - PULVERISATEUR
4. Minimum Emulsifier - EMULSIONNEUR
5. L. Jet - GICLEUR MIN.
6. H Jet - GILEUR MAX.
7. Starter Jet - GICLEUR DEMARREUR
8. Needle Valve - POINTEAU
- 9A. Single Floating - FLOTTEUR INDEPENDANT
- 9B. Coupled Floating - PAIRE DE FLOTTEUR
10. Cap - BOUCHON
11. Screw Adjuster - VIS REGLAGE
12. Cover Mixing Chamber - COUVERCLE CHAMBRE DE MELANGE
13. Cover Gasket - JOINT COUVERCLE
14. Throttle Return Spring - RESSORT RETOUR SOUPAPE
15. Bottom Spring Guide - CULOT
16. Nipple Throttle Valve + Spring - RACCORD ROBINET GAZ + RESSORT
17. Washer - RONDELLE
18. Clip Needle - FERMOIR POINTEAU
19. Start Fixing Screw - VIS FIXATION DISPOSITIF DEMARRAGE
20. Starter Device - DISPOSITIF DEMARRAGE
21. Starter Device Seal - JOINT DISP. DEMARRAGE
22. Idle Mixture Screw - VIS MELANGE MINIMUM
23. Kit Throttle Adjusting Screw - KIT VIS REGLAGE SOUPAPE
24. Kit Fuel Filter - KIT FILTRE CARBURANT
25. Needle Valve Seal - JOINT POINTEAU
26. Bottom - CULOT
27. Gasket - JOINT
28. Float Chamber - CUVETTE
29. Fixing Screw Float Chamber - VIS FIXATION CUVETTE
30. Spring Washer - RONDELLE RESSORT
31. Pin Float - AXE DE FLOTTEUR
32. Tank Cap Seal - JOINT BOUCHON CUVETTE
33. Float Chamber Plug - BOUCHON CUVETTE
35. Rocker Float - BALANCIER FLOTTEUR

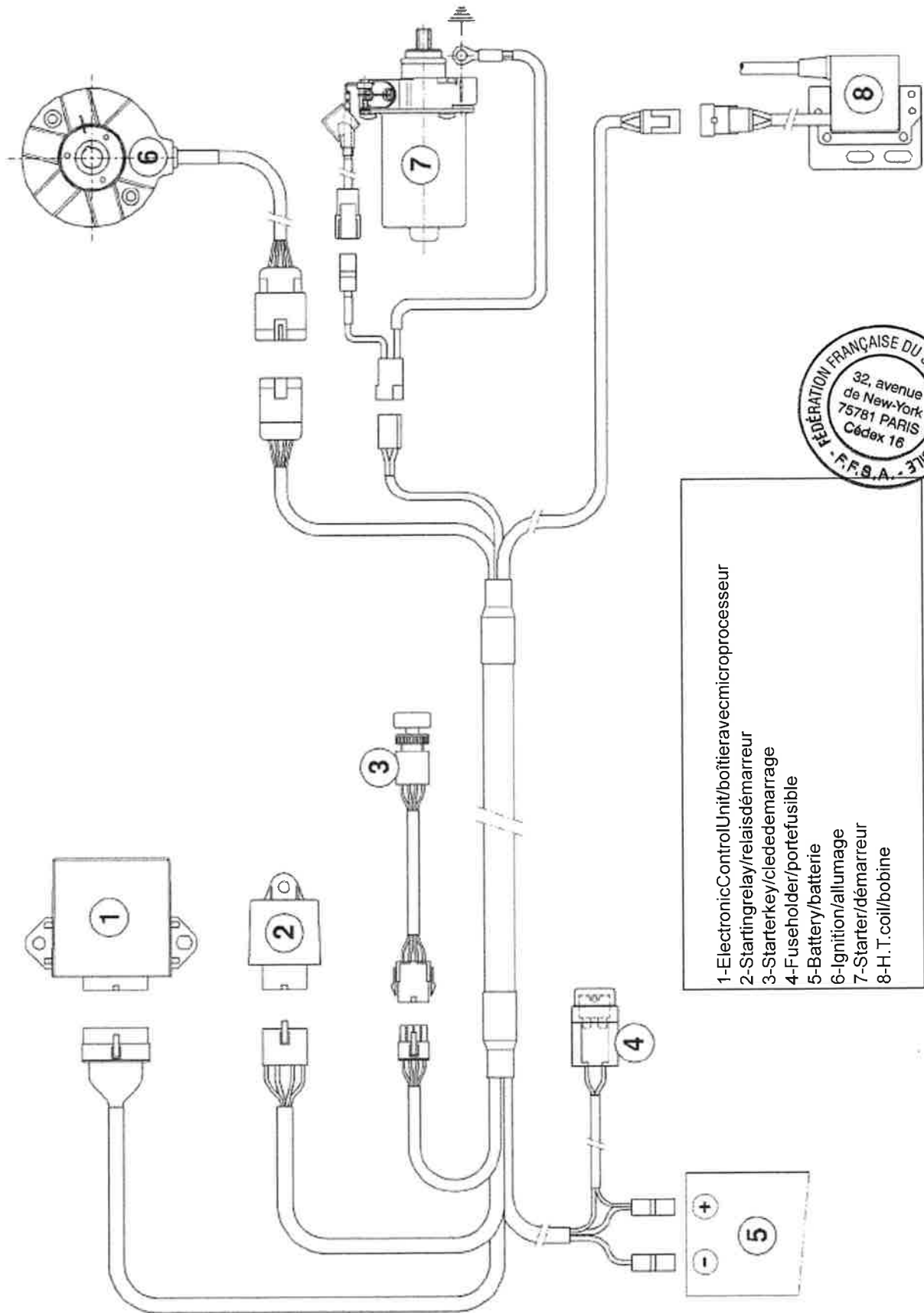
Estampillé TTI



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



WIRING DIAGRAM (PVL DIGITAL „K” IGNITION) TTI
 SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE PVL DIGITAL "K") TTI



- 1-Electronic Control Unit/boîtier avec microprocesseur
- 2-Starter relay/relais démarreur
- 3-Starter key/cle de démarrage
- 4-Fuse holder/portefusible
- 5-Battery/batterie
- 6-Ignition/allumage
- 7-Starter/démarreur
- 8-H. T. coil/bobine

SELETTRA - ELECTRONIC BOX MARKING - TTI
SELETTRA - MARQUAGE DU BOITIER ELECTRONIQUE TTI



STARTER GEAR
COURONNE DEMARREUR

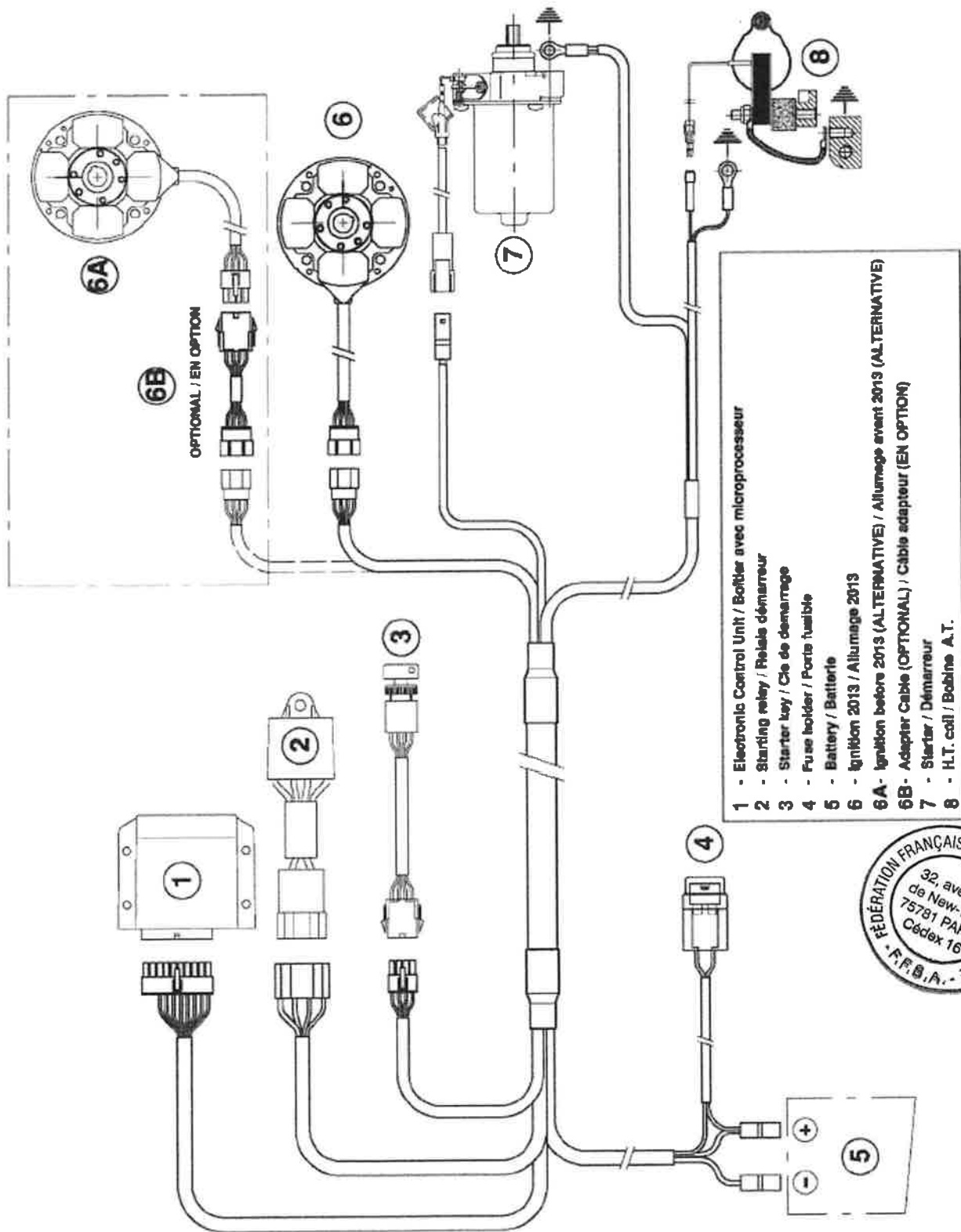
Old version - while stocks last
Vieille version - jusqu'à épuisement des stocks



New version
Nouvelle version

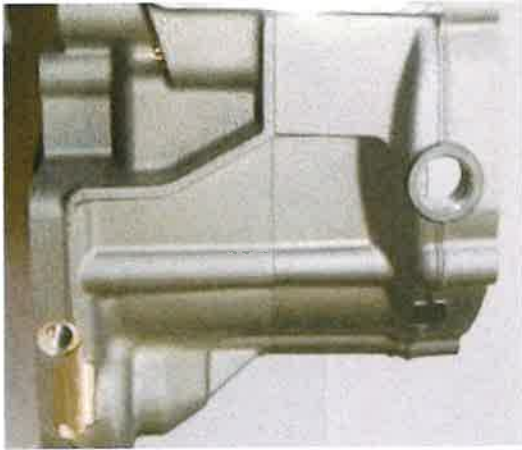


WIRING DIAGRAM (SELETTRA DIGITAL "K" IGNITION 2013) - TTI
 SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE SELETTRA DIGITAL "K" 2013) TTI

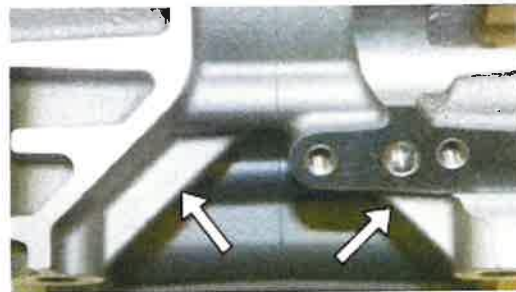
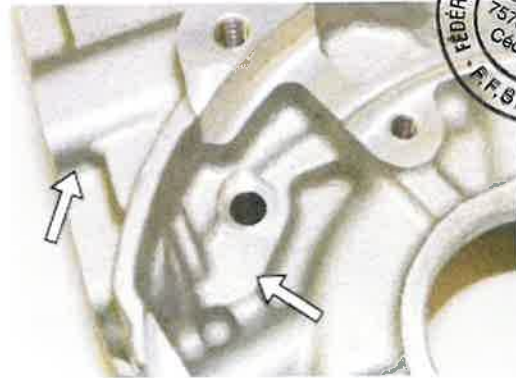
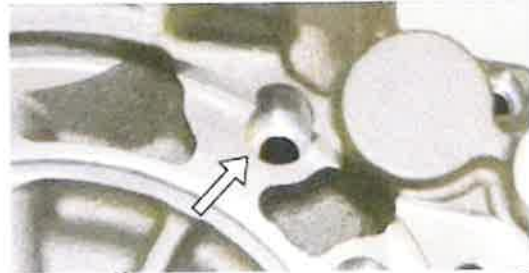
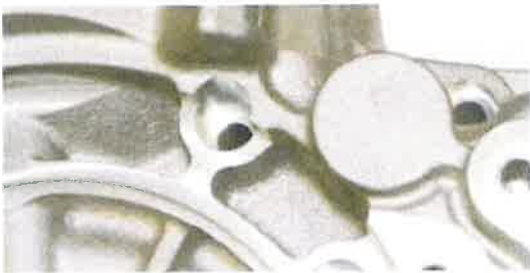
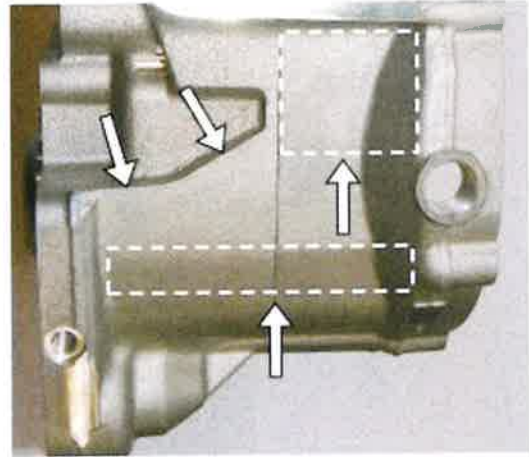


CRANKCASE TTI
CARTER TTI

TYPE 1

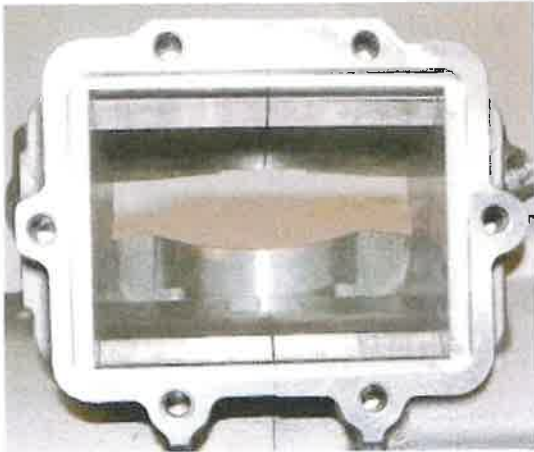


TYPE 2

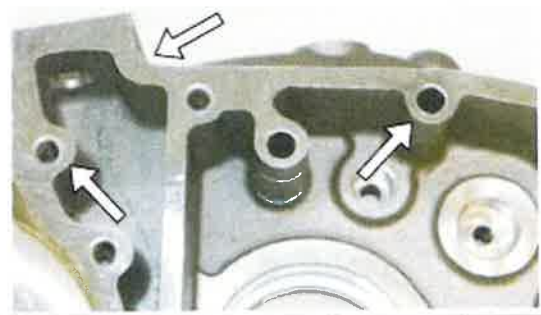
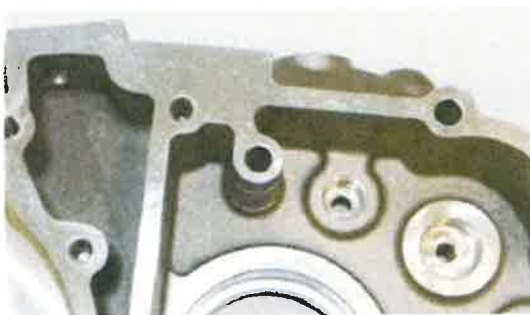
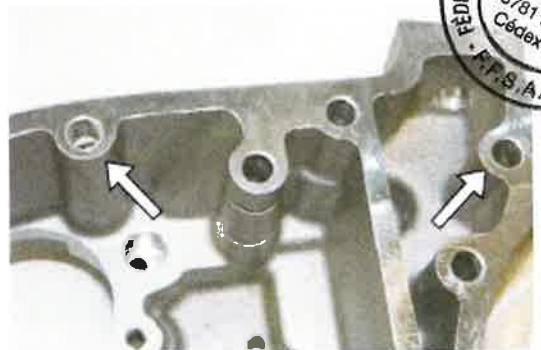
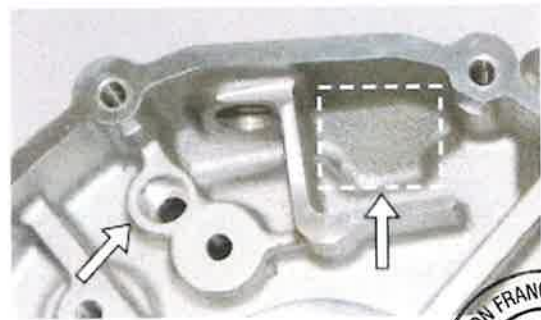
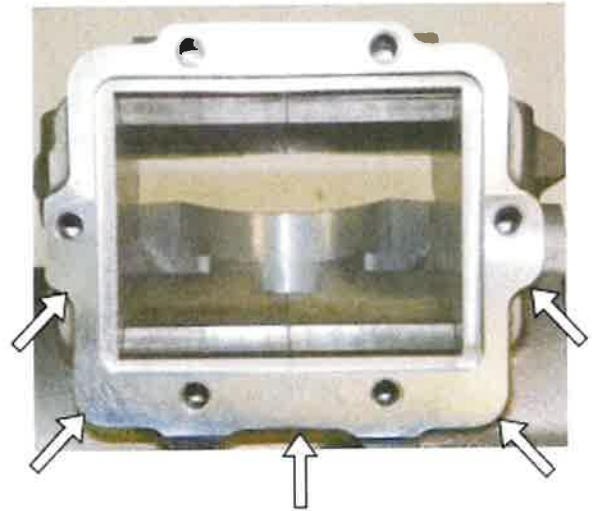


CRANKCASE TTI
CARTER TTI

TYPE 1



TYPE 2

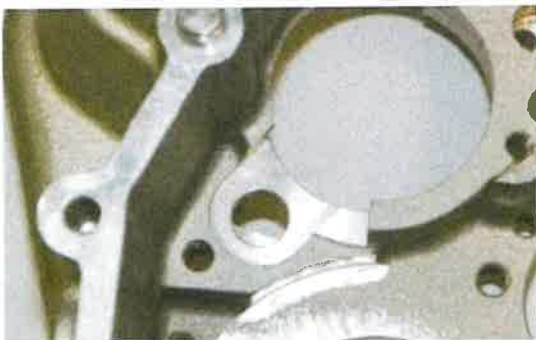
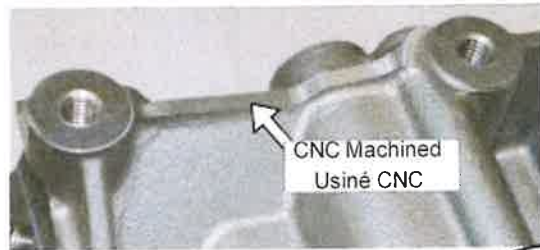
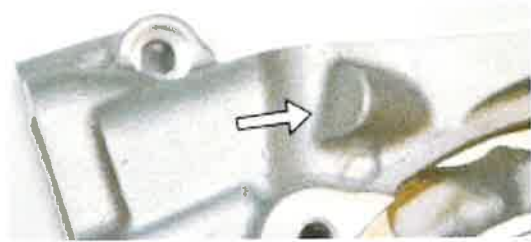


CRANKCASE TTI
CARTER TTI

TYPE 1

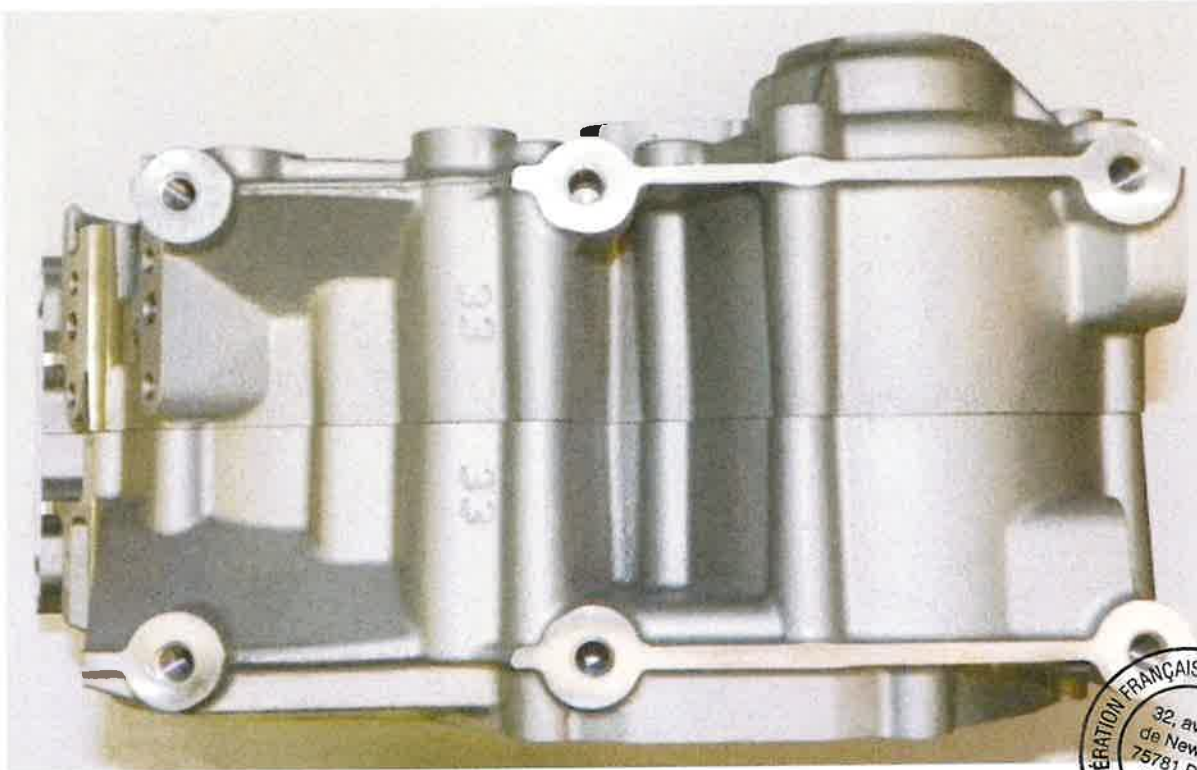


TYPE 2

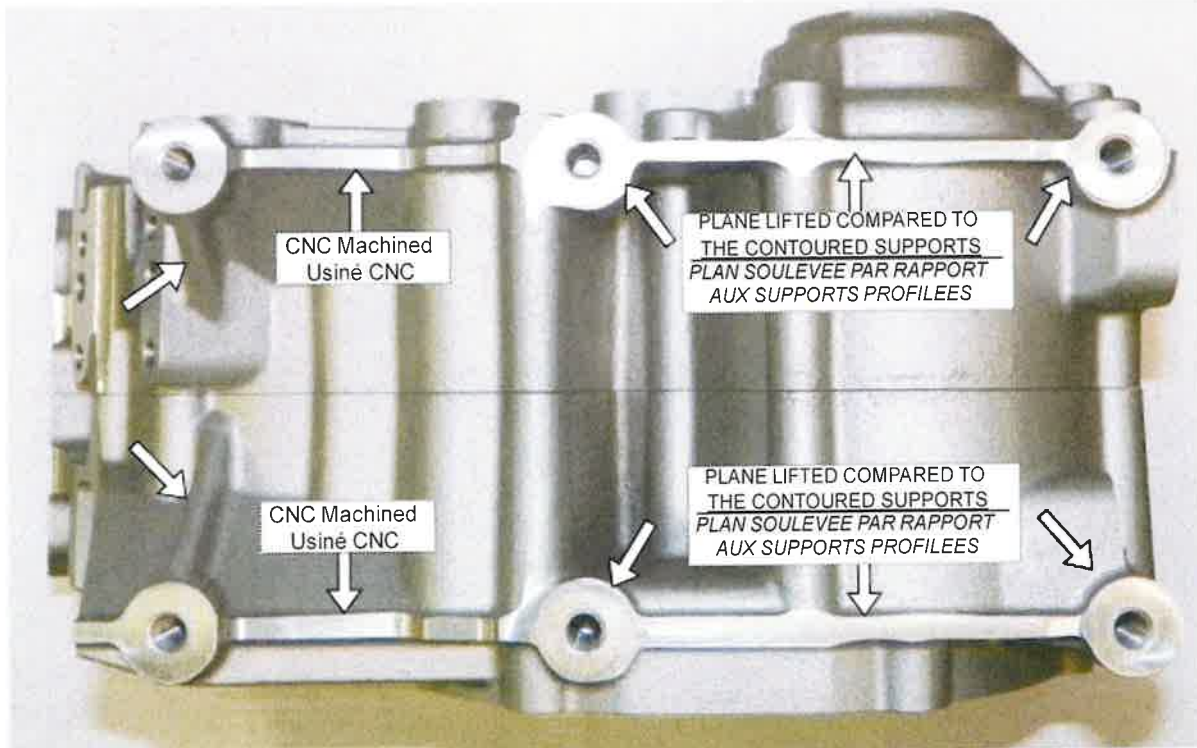


CRANKCASE TTI
CARTER TTI

TYPE 1



TYPE 2



PISTON
ESTAMPILLE TTI

TYPE 1



TYPE 2

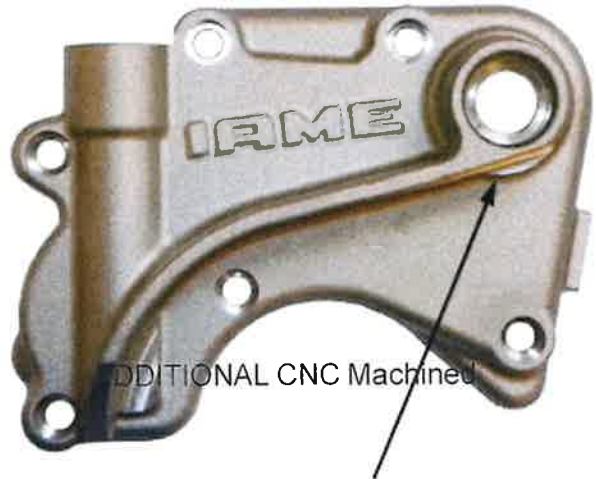


SELECTOR COVER IDENTIFICATION
 IDENTIFICATION DU COUVERCLE SELECTEUR

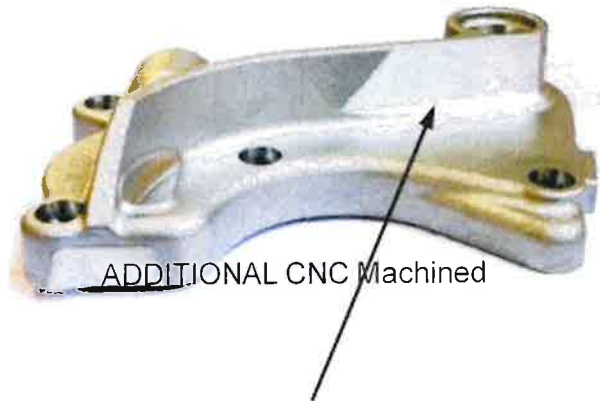
TYPE 1



TYPE 2



SUPPLÉMENTAIRES Usiné CNC

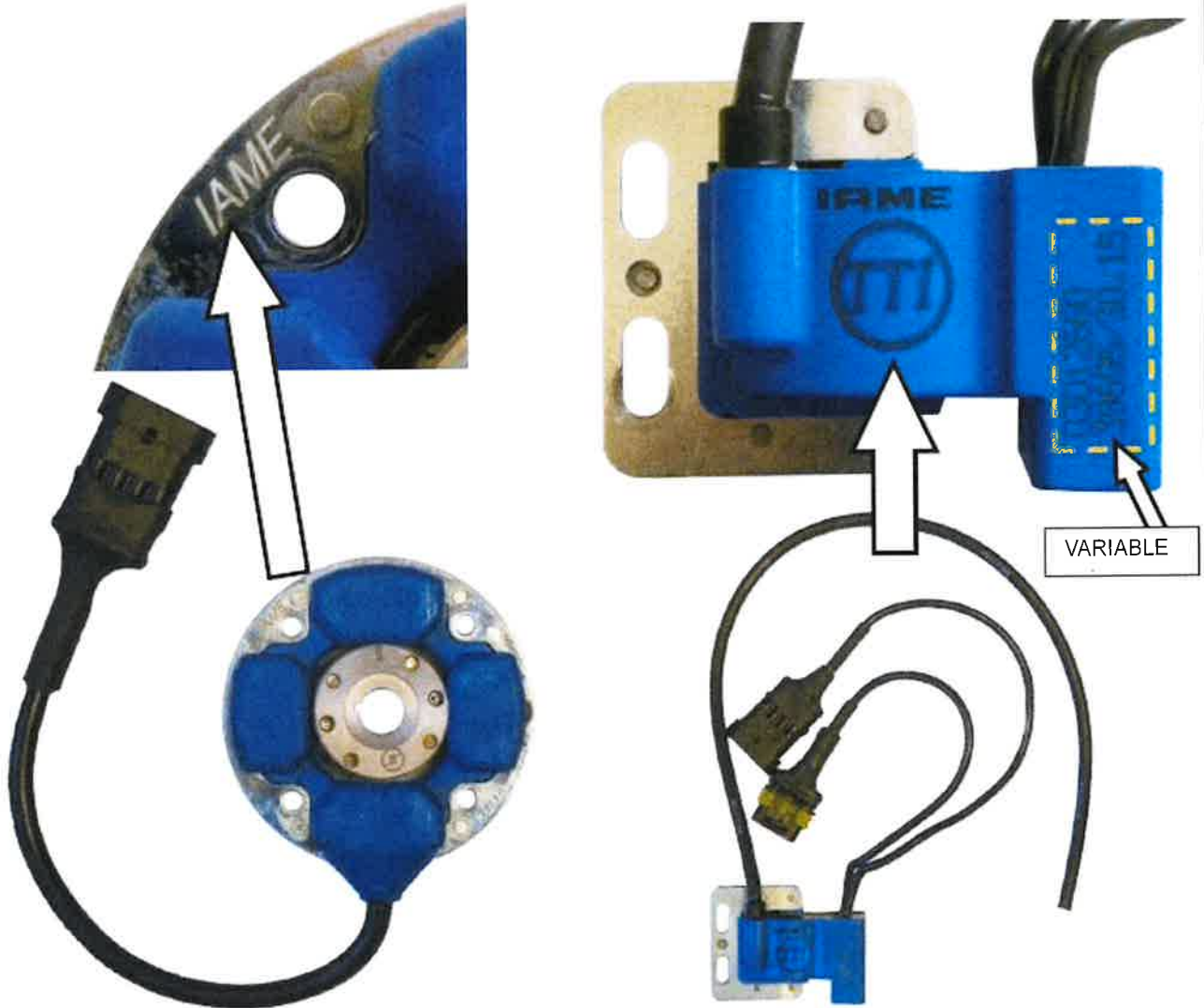


SUPPLÉMENTAIRES Usiné CNC

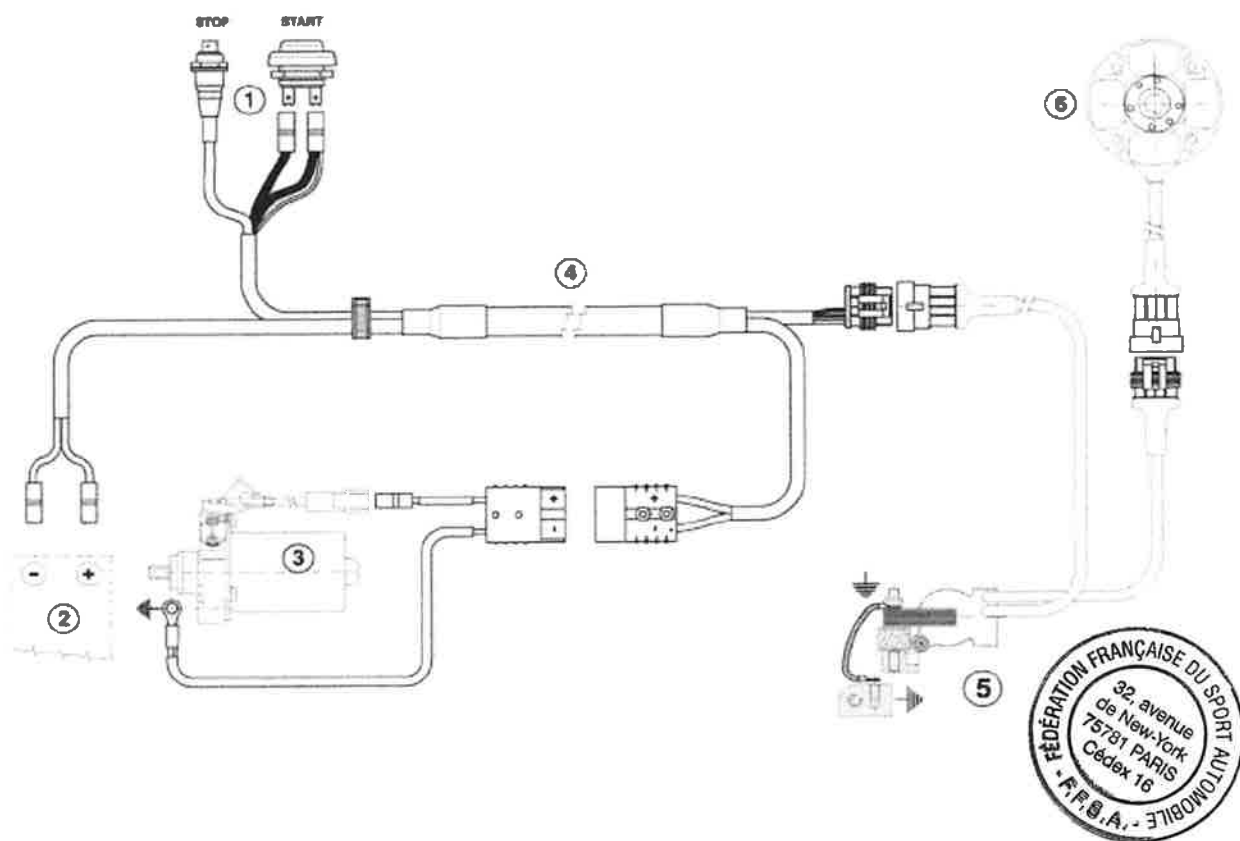
PHOTO COMPLETE ALTERNATIVE WIRING LOOM
 PHOTO DU CABLAGE ELECTRONIQUE COMPLET



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) - TTI
SCHEMA CIRCUIT ELECTRIQUE (ALLUMAGE SELETTRA DIGITAL "S" OU PVL 690)



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

ALTERNATIVE STARTER GEAR
COURONNE DEMARREUR ALTERNATIVE

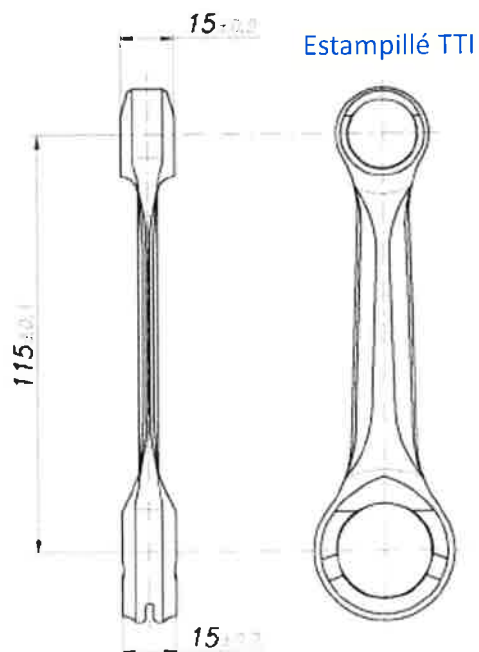
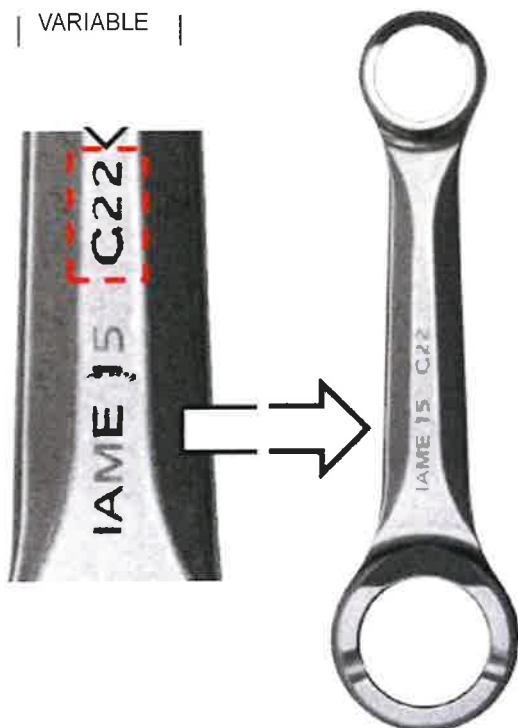


ALTERNATIVE CONROD IDENTIFICATION TTI
 IDENTIFICATION DU BIELLE ALTERNATIVE TTI

PHOTO IDENTIFICATION
 IDENTIFICATION PHOTO

DISTANCE BETWEEN CONROD CENTERS
 ENTRE AXE DE LA BIELLE

| VARIABLE |



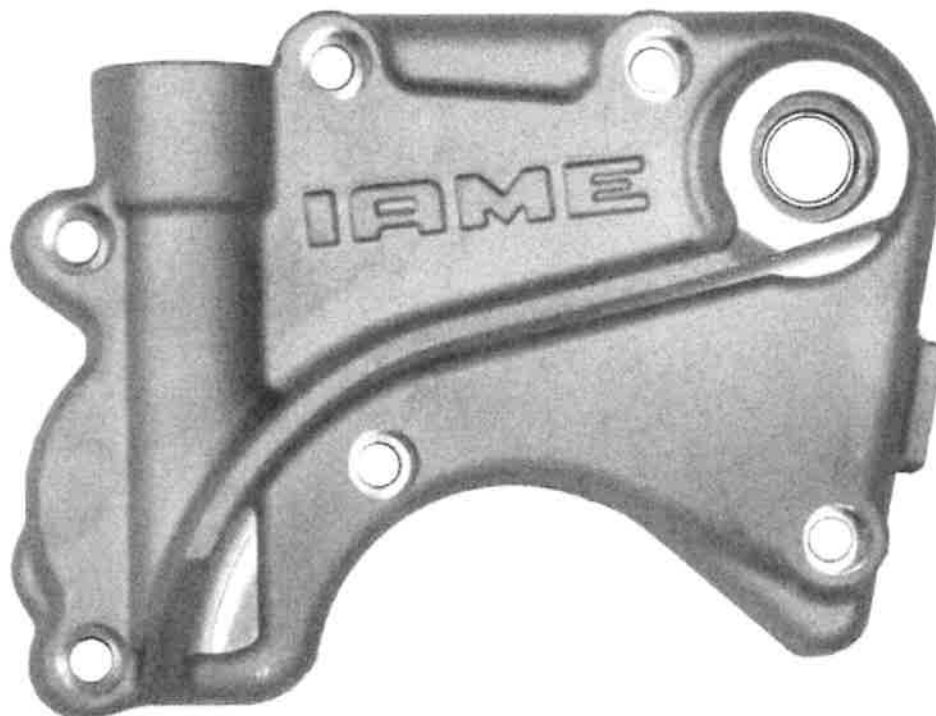
Min. weight 119 g
 Poids min. 119 g

PRESELECTOR CONTROL SHAFT – TYPE 1
 ARBRE COMMANDE PRESELECTEUR – TYPE 1

PRESELECTOR CONTROL SHAFT – TYPE 2
 ARBRE COMMANDE PRESELECTEUR – TYPE 2

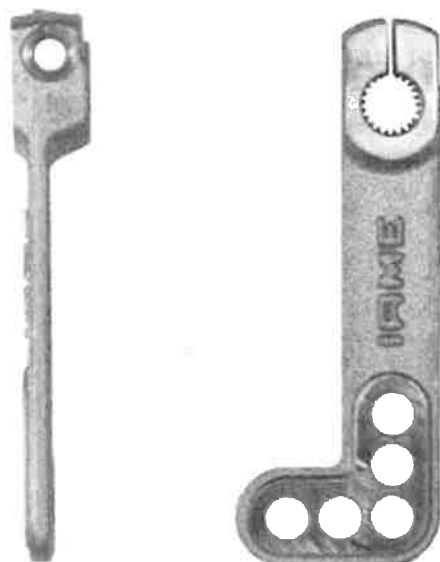


ALTERNATIVE SELECTOR COVER IDENTIFICATION
 INDENTIFICATION DU COUVERCLE SELECTEUR ALTERNATIVE



SHIFT CONTROL LEVER – TYPE 1
 LEVIER DE VITESSE – TYPE 1

SHIFT CONTROL LEVER – TYPE 2
 LEVIER DE VITESSE – TYPE 2



NEW 5th PORT – ADMISSION IDENTIFICATION
 INDENTIFICATION DU NOUVEAU 5 LUMIERE

VIEW FROM "A"
 VUE DE "A"

Marquage TTI



VIEW FROM "B"

VUE DE "B"



TYPE 1

TYPE 2

VIEW FROM "A" - VUE DE "A"

VIEW FROM "A" - VUE DE "A"



VIEW FROM "B" - VUE DE "B"

VIEW FROM "B" - VUE DE "B"



ALTERNATIVE CYLINDER CROSS SECTION VIEW TTI
VUE EN SECTION DU CYLINDRE ALTERNATIVE TTI

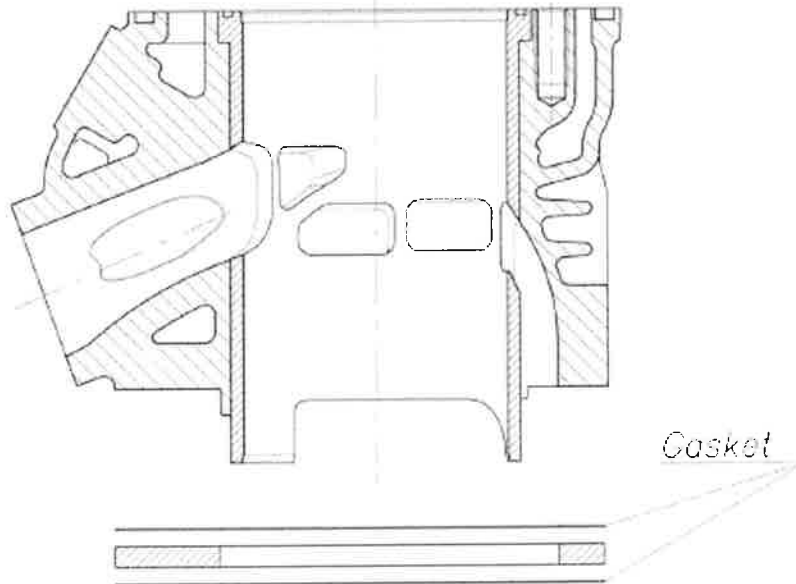
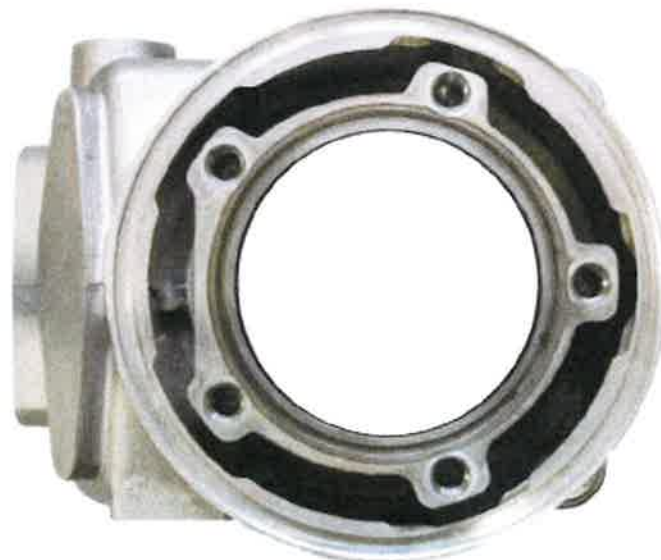


PHOTO OF THE ALTERNATIVE CYLINDER FROM ABOVE TTI
VUE DU HAUT DU CYLINDRE ANTERNATIVE



COMPONENTS WITH ALTERNATIVE NEW LOGO "IAME"
 COMPOSANTS AVEC NOUVEAU LOGO ALTERNATIF "IAME"

CYLINDER HEAD
 CULASSE



NEW / NOUVEAU LOGO



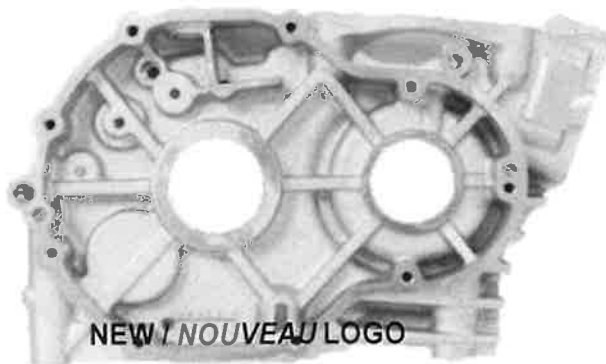
CYLINDER TTI
 CILINDRE TTI



NEW / NOUVEAU LOGO



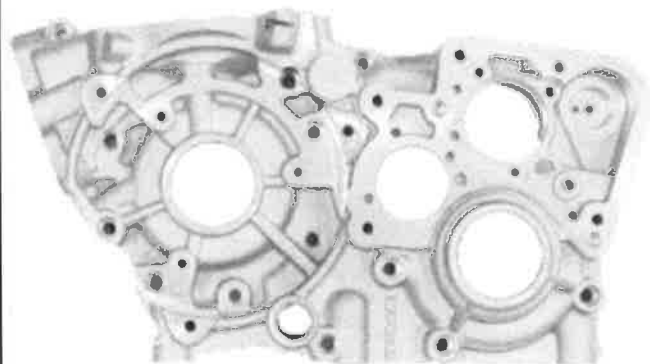
SEMICARTER TRANSMISSION SIDE
 SEMICARTER CÔTÉ PIGNON TTI



NEW / NOUVEAU LOGO



SEMICARTER IGNITION SIDE
 SEMICARTER CÔTÉ ALLUMAGE TTI



COMPONENTS WITH ALTERNATIVE NEW LOGO "IAME"
COMPOSANTS AVEC NOUVEAU LOGO ALTERNATIF "IAME"

EXHAUST
ECHAPPEMENT

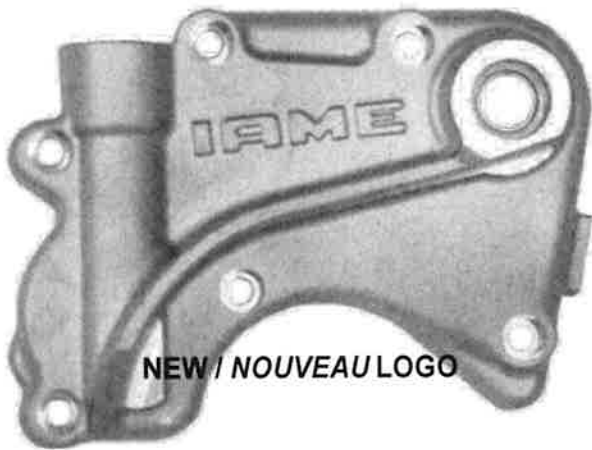


NEW / NOUVEAU LOGO



COMPONENTS WITH ALTERNATIVE NEW LOGO "IAME"
 COMPOSANTS AVEC NOUVEAU LOGO ALTERNATIF "IAME"

SELECTOR COVER
 COUVERCLE DE SELECTEUR



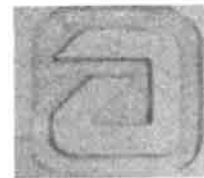
NEW / NOUVEAU LOGO



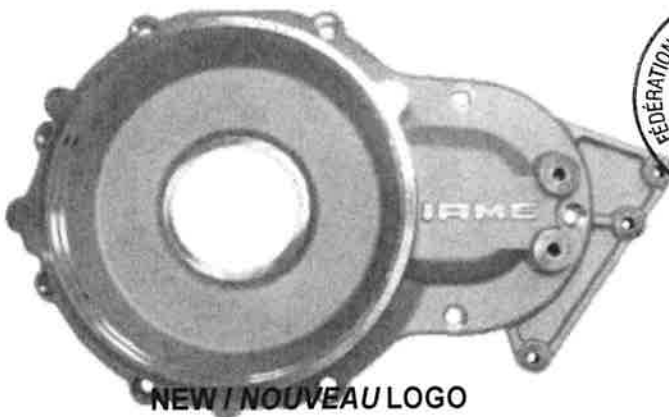
SHIFT CONTROL LEVER
 LEVIER DE VITESSE



NEW / NOUVEAU LOGO



CLUTCH SIDE COVER
 COUVERCLE D'EMBRAYAGE



NEW / NOUVEAU LOGO



STARTER SUPPORT
 SUPPORT DE DEMARREUR



NEW / NOUVEAU LOGO



COMPONENTS WITH ALTERNATIVE NEW LOGO "IAME"
COMPOSANTS AVEC NOUVEAU LOGO ALTERNATIF "IAME"

THE OTHERS COMPONENTS OF ENGINE THAT ARE MARKED (LASER OR PUNCHING) UNTIL TODAY WITH LOGO OR WRITTEN "IAME"

LES AUTRES COMPOSANTS DU MOTEUR AVEC MARQUAGE (LASER OU POINÇONNEUSE) AUJOURD'HUI AVEC LE LOGO OU ÉCRIT " IAME "

IAME

or

IAME

NOW COULD BE MARKED WITH NEW LOGO "IAME"

MAINTENANT POURRAIT EST MARQUAGE AVEC NOUVEAU LOGO "IAME"

iame



or

Ⓜ iame

or

