

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

### GUIDE D'INSTALLATION PISTONS ET SEGMENTS

Pistons coulés de haute performance. Fabriqués conformément aux spécifications des fabricants d'équipement d'origine, toutes les composantes individuelles s'interchangent avec les pièces originales. Conçus pour obtenir le meilleur transfert possible de chaleur de la chambre de combustion aux parois du cylindre.

#### Pièces de remplacement :

- Les ensembles de segment(s) sont complets pour 1 piston.
- Les pinces de retenue (deux (2) par emballage) sont complètes pour un (1) piston et sont vendues à la paire.
- Les numéros des pièces de remplacement suggérés pour les roulements à aiguilles sont fournis pour des fins de référence rapide seulement. Les roulements à aiguilles sont vendus à l'unité.

**Tous les ensembles de piston complet Jolautim comprennent : le piston, le(s) segment(s) du piston, l'axe et les pinces de retenue.**

**Ce guide est conçu pour être utilisé par un mécanicien d'expérience seulement et ne devrait pas servir d'unique source d'instructions lors de l'installation d'un nouveau piston.**

#### ÉTAPE PRÉLIMINAIRE

Si le vieux piston a subi une rupture, en déterminer la cause et effectuer la réparation nécessaire avant d'installer un nouveau piston. Les fuites d'air et / ou un mélange pauvre en carburants sont les deux principaux responsables du grillage des pistons. Si une partie du piston est cassée ou grillée de part en part, démonter le carter du moteur et le vidanger soigneusement pour enlever tous débris.

#### APPRÊT DU CYLINDRE - CHEMISES EN FONTE

Mesurer le cylindre pour déterminer s'il y a conicité et / ou ovalisation. Toute différence de plus de .003" entre le plus petit et le plus grand diamètre nécessite un alésage. Si le cylindre est en bonne condition, le dépolir à l'aide de pierre à grains #220 ou 300. Un fini à hachures croisées à 60° est recommandé afin d'assurer une bonne étanchéité des segments.

#### APPRÊT DU CYLINDRE - CHROMÉ, NIKASIL OU ÉLECTROFUSION.

Mesurer le cylindre pour déterminer s'il y a conicité et / ou ovalisation. Ces modèles ne pouvant être alésés, toute différence de plus de .003" entre le plus petit et le plus grand diamètre nécessite un regarnissage avec chemise en fonte, ou un remplacement. Si le cylindre est en bonne condition, le dépolir à l'aide de pierre à grains #500.

#### APPRÊT DE LA FENÊTRE DU CYLINDRE

Afin d'éviter le bris de segments, chanfreiner toutes les arêtes horizontales des fenêtres jusqu'à l'obtention d'un rayon de 3/64". Utiliser une lime ronde ou des bandes de toile d'émeri.

#### INSTALLATION DES PISTONS ET SEGMENTS

Attention de ne jamais installer des segments chromés dans des cylindres chromés, Nikasil ou électrofusion. Avant l'installation, glisser chaque segment dans l'alésage du cylindre et mesurer l'écartement des extrémités afin d'éliminer les risques de butée des segments. Un écartement acceptable se situe entre .010" et .025". Si l'écartement est inadéquat, limer délicatement pour obtenir la mesure recommandée. Consulter le guide « Jeu cylindre / pistons ». Nettoyer et lubrifier toutes les pièces avec de l'huile à moteur 10W30. Installer le piston avec la flèche pointant vers l'échappement (sauf certaines exceptions, la flèche doit alors pointer vers l'allumage). Poser les pinces de retenue soigneusement, sans les forcer, les plier et les tourner. S'assurer qu'elles siègent proprement dans les rainures et positionner les ouvertures vers le bas. Poser les segments sur les pistons correspondants. Lubrifier et vérifier si les extrémités peuvent se refermer complètement au niveau des chevilles de repérage. Poser le nouveau joint de base, compresser le segment et glisser le cylindre sur le piston. Avant d'installer la culasse, faire tourner le vilebrequin à la main afin de s'assurer que les pistons et les segments se déplacent librement dans les cylindres.

#### RODAGE

Les moteurs réusinés ne requièrent qu'une courte période de rodage. Pour les systèmes à injection d'huile, ajouter 1 :0 litre d'huile 2 temps 50 :1 aux premiers 23 litres d'essence. Pour les systèmes à prémélange, utiliser de l'huile 2 temps 20 :1 pour les premiers 23 litres de mélange huile /essence. Pour un rodage efficace, varier la vitesse en accélérant à plein régime pour une courte durée. Régler le carburateur pour obtenir un mélange air /essence riche et éviter de maintenir un bas régime ou un régime élevé trop longtemps.

#### GUIDE « JEU CYLINDRE / PISTONS »

Pistons avec alésage de moins de 65mm = .0035" à .0045".

Pistons avec alésage de plus de 65mm = .0045" à .006".

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## **ENSEMBLES DE PISTONS - PISTON KITS**

### **PISTON & RING INSTALLATION GUIDE**

High performance cast pistons. Manufactured to OEM specifications. All individual components will interchange with original parts. Engineered for the best possible heat transfer from combustion chamber to cylinder wall.

#### **Replacement parts:**

- Ring sets are replacement for one (1) piston.
- Circlips (two (2) per bag) are replacement for one (1) piston and are sold by the pair.
- Needle bearings suggested replacement part #'s are supplied for quick reference purposes only. Needle bearings are sold individually.

**All Jolautim complete piston kits include the piston, the piston ring(s), the wrist pin and the circlips.**

**The following guide is intended for experienced mechanics and should not be the only reference for installing a new piston.**

#### **PRELIMINARY WORK**

If the old piston has failed, determine the cause and remedy the problem before replacing. Air leaks and/or lean fuel mixture are the two biggest causes of burned pistons. In cases where any part of the old piston is broken or burned through, the crankcase should be disassembled and thoroughly flushed of any debris.

#### **CYLINDER PREPARATION - CAST IRON LINERS**

Measure cylinder for taper and out-of-roundness. Any measured difference of more than .003" (smallest cylinder diameter to largest) would indicate re-boring is necessary. Hone good condition cylinder with #220 or 300 grit stones to de-glaze. A 60° cross-hatch pattern is the recommended finish to insure proper ring sealing.

#### **CYLINDER PREPARATION - CHROME, NIKASIL OR ELECTROFUSION LINERS**

Measure cylinder for taper and out-of roundness. These models cannot be re-bored. If a measured difference of more than .003" exists between smallest and largest cylinder diameter, the cylinder must be replaced or sleeved with a cast iron liner. Hone good condition cylinder with #500 grit stones.

#### **PORT OPENING PREPARATION**

To prevent ring breakage, all horizontal port edges must be chamfered until a minimum 3/64" radius is produced. The best method is to pull strips of emery cloth through the ports or use a round file.

#### **PISTON AND RING INSTALLATION**

Remember never install chrome rings in chrome plated, Nikasil or electrofusion cylinders. Prior to installation, fit each ring into the cylinder bore and measure the end gap to eliminate the chance of ring butting. See « Piston Clearance Guide ». Clean and lubricate all moving parts with 10W30 oil. Install pistons with the arrow pointing to the exhaust side of the engine (with certain exceptions where the arrow will point toward the magneto side). Install circlips carefully without forcing, bending or turning them. Be sure they seat properly in the grooves and position the opening down. Install rings onto matching pistons. Lubricate and check to be sure the end gaps can be completely closed around the locating pins. Install new gaskets, compress rings and carefully slide the cylinders down into position. Before installing the cylinder heads, rotate the crankshaft by hand to make sure pistons and rings move freely into cylinder.

#### **BREAK-IN PROCEDURE**

Overhauled snowmobile engines require a short break-in period. For oil-injected machines, add a pint of 50 :1 two-cycle engine oil to the first 5 gallons, running the pre-mix in conjunction with the oil injection system. For pre-mix system, use 20 :1 oil ratio with the first 5 gallons of mix. For good engine break-in, set carburetor to rich mixture, avoid sustained high or low RPM operation, vary the driving speed and briefly accelerate at full throttle.

#### **« PISTON CLEARANCE GUIDE »**

Pistons with LESS than 65mm bore = .0035" to .0045"    Pistons with MORE than 65mm bore = .0045" to .006".

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

**Les ensembles de piston complet Jolautim comprennent: le piston, le(s) segment(s) de piston, l'axe de retenue et les pinces de retenue.**

**Jolautim complete piston kits include: the piston, the piston ring(s), the wrist pin and the circlips.**

Les pinces de retenue (2 par emballage) sont complètes pour 1 piston et sont vendues à la paire. Enlever et installer les pinces de retenues soigneusement sans les forcer, les plier et les tourner. S'assurer qu'elles siègent adéquatement dans les rainures et positionner les ouvertures vers le bas.

Piston Circlips (2 per bag) are replacement for 1 piston and are sold by pair. Remove and install circlips carefully without forcing, bending or turning them. Be sure that they seat properly in the grooves and position the openings down.



**PT741**



**PT741T**

\* **T = Teflon-Molybdenum coating** (Ex. : PT741 = Reg. , PT741T = Teflon-Molybdenum coating)

							Pièces de remplacement / Replacement parts					
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing		
<b>Arctic Cat (Moteur Kawasaki Engine)</b>												
Cheetah 340	1972-75	339	2	60 (2.362")	60 (2.362")	Standard Chrome	<b>PT685</b> 3000-218	<b>RI685 (2-R)</b> 3001-564	<b>CI016</b>	<b>NB501</b> 3001-164		
EXT 340A	1971											
EXT Special 340A	1971							Resleeved				
Jag 340	1975							.010"			<b>PT685-1</b>	<b>RI685-1</b>
Lynx II 340	1974							Resleeved				
Panther 340A	1971-75							.020"			<b>PT685-2</b>	<b>RI685-2</b>
Puma 340A	1971-73											
Cheetah 440	1972-75	436	2	68 (2.677")	60 (2.362")	Standard Chrome	<b>PT688</b> 3000-234	<b>RI688 (2 R)</b> 3000-235	<b>CI016</b>	<b>NB501</b> 3001-164		
EXT 440A,	1971											
EXT Special 440A	1971											
Lynx II 440	1974											
Pantera 440	1975											
Panther 440A	1971-75											
Puma 440A	1971-73											
Puma Mod 440A	1971											
VIP 440	1974											

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							Pièces de remplacement / Replacement parts				
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing	
<b>Arctic Cat (Moteur Suzuki Engine)</b>											
Jag 2000 F/A	1978-80	275	2	54 (2.126")	60 (2.362")	Standard	<b>PT690</b>	<b>RI690 (2 K)</b>	<b>CI016</b>	<b>NB502</b> 3002-805	
Jag 275	1976						3002-070	3002-739			
Lynx 2000T F/A	1977-80										
Bearcat 340	1995-00	339	2	60 (2.362")	60 (2.362")	Standard Chrome	<b>PT692</b>	<b>RI692 (2-R)</b>	<b>CI016</b>	<b>NB502</b> 3002-805	
Cheetah 340	1994						<b>3005-130</b>	<b>3002-740</b>			
Jag 3000 F/A, F/C	1978-80						Resleeved				
Jag 340	1976-77						.010"	<b>PT692-1</b>			<b>RI692-1</b>
Jag 340	1987-90						Resleeved.				
Jag 340, Deluxe	1998-99						.020"	<b>PT692-2</b>			<b>RI692-2</b>
Jag Mountain Cat	1990-91						Resleeved				
Lynx, Lynx Deluxe	1991-93						.030"	<b>PT692-3</b>			<b>RI692-3</b>
Lynx Mountain Cat	1992-93						Resleeved				
Panther 340	1998-00						.040"	<b>PT692-4</b>			<b>RI692-4</b>
Puma, Deluxe	1994-97										
Trail Cat 3000 F/C	1980										
Bearcat 440	1995-00	431	2	65 (2.559")	65 (2.559")	Standard Chrome	<b>PT696</b>	<b>RI696 (2 R)</b>	<b>CI016</b>	<b>NB502</b> 3002-805	
Bearcat 440 I, II	2000						3002-920	3002-742			
Cheetah 440	1994						3005-474				
Jag 440 Deluxe	1988-89										
Jag 440Z	1991-96										
Jag 4000 F/C,	1981										
Jag Long Track	1981										
Jag, Deluxe	1989-99										
Jag AFS L/T	1991-93										
Jag F/C	1985-87										
Mountain Cat	1991-92										
Panther 4000 F/C	1980-81										
Panther 440, ESR	2000-02										
Panther Deluxe 440	1984-00										
Super Jag	1991-92										
Trail Cat 4000 F/C	1980-81										
Z 440, ES	1995-98										
Cheetah Touring	1991-93	440	2	68 (2.677")	60 (2.362")	Standard Chrome	<b>PT695</b>	<b>RI695 (2 K)</b>	<b>CI018</b>	<b>NB503</b> 3003-107	
Cougar	1991-94						3003-885	3002-738			
El Tigre 5000 L/C	1987						3005-384				
El Tigre 6000 L/C	1978-79						Resleeved				
El Tigre Cross Country	1979						.010"	<b>PT695-1</b>			<b>RI695-1</b>
Jag 440 L/C	1996						Resleeved.				
Pantera L/C	1985-92						.020"	<b>PT695-2</b>			<b>RI695-2</b>
Panther 440 L/C	1996										
Prowler	1990-94										
ZL 440	1997-00										
ZL 500, EFI	1998-00	497	2	71 (2.718")	62.7 (2.468")	Standard	<b>PT679</b>	<b>RI679 (2 K)</b>	<b>CI020</b>	---	
ZR 500, ERS Carb.	1998-00						3005-250	3005-123			
Powder SP 500 EFI	1999-00										
F5 Firecat	2003-06	499	2	71 (2.718")	63 (2.480")	Standard Nikasil	<b>PT655T</b>	<b>RI679(2 K)</b>	---	---	
F5 Firecat Sno Pro	2004-06						3006-427	3005-828			
M5	2005-06										
Sabercat 500, LX	2004-06										



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## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Arctic Cat (Moteur Suzuki Engine)</b>										
Mountain Cat 600 EFI	2001-04	599	2	78	62.7	Standard	<b>PT609T</b>	<b>RI684 (2 K)</b>	---	---
Mountain Cat 600 VEV	2001-04			(3.071")	(2.469")		3005-748	3003-749		
Pantera 600 EFI	2002-05									
Powder Special 600 EFI	2000									
ZL 600 EFI ESR	2001-03									
ZR 600 EFI	2001-03									
Mountain Cat	1990	650	2	78	68	Standard	<b>PT684</b>	<b>RI684 (2 K)</b>	<b>CI020</b>	<b>NB523</b>
Wildcat 650	1988-90			(3.071")	(2.677")		3003-713 3003-828	3003-714		3003-433
						Resleeved .010"	<b>PT684-1</b>			
Crossfire 7	2006	698	2	79.7	70	Standard	<b>PT657T</b>	<b>RI657</b>	---	---
F7 Firecat, Sno Pro	2004-06			(3.138")	(2.756")	Nikasil	3006-499	3006-500		
F7 Firecat EFI	2003-06									
F7 Firecat EFI EXT	2004-06									
F7 Firecat EFI Sno Pro	2004-06									
M7	2005-06									
Sabercat 700 EFI	2004-06									
Sabercat 700 EFI EXT	2004-06									
Sabercat 700 EFI LX	2004-06									
Powder Special 700	1999-2000	699	2	81	68	Standard	<b>PT682</b>	<b>RI682 (2 K)</b>	<b>CI020</b>	<b>NB523</b>
Wildcat 700, MC, EFI	1991-96			(3.189")	(2.677")	Chrome	<b>PT682T</b>	3003-822		3003-433
ZL 700	2000						3004-325			
ZR 700	1994-96									
ZR 700	1999-2000									
Mountain Cat 800	2001-03	785	2	81	76	Standard	<b>PT611T</b>	<b>RI682 (2 K)</b>	---	---
Mountain Cat 800 EFI	2002-04			(3.189")	(2.992")	Nikasil	3006-029	3005-865	3008-585	
Mtn Cat 800 EFI LE	2002-04									
Pantera 800 EFI	2002-04									
ZL 800 EFI ESR	2002-03									
ZL 800 EFI SS	2002-03									
ZR 800	2001-03									
Pantera 800	1998-99	794	3	72	65	Standard	<b>PT602</b>	<b>RI602 (2 K)</b>	<b>CI020</b>	<b>NB523</b>
Thundercat M.C.	1996			(2.835")	(2.559")	Nikasil	3004-527	3004-528	3003-439	3003-433
ZRT 800	1995-01									
King Cat 900	2004-05	862	2	85	76	Standard	<b>PT659T</b>	<b>RI659</b>	---	---
King Cat 900 EFI	2005-06			(3.346")	(2.992")	Nikasil	3006-393	3006-394		
Mountain Cat 900, EFI	2003-04									
ZR 900, EFI	2003-06									
ZR 900 EFI Sno Pro	2004-06									
ZR 900 Sno Pro	2004-06									
<b>Kawasaki</b>										
Drifter 340 F/C	1979-81	339	2	60	60	Standard	<b>PT685</b>	<b>RI685 (2 R)</b>	<b>CI016</b>	<b>NB501</b>
Invader 340 F/C	1978-80			(2.362")	(2.362")	Chrome				
Inviter 340 F/C	1978					Resleeved .010"	<b>PT685-1</b>	<b>RI685-1</b>		
						Resleeved. .020"	<b>PT685-2</b>	<b>RI685-2</b>		

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Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing	
<b>Moto-Ski (Moteur Rotax engine)</b>											
Spirit 250	1976-78	247	1	69 (2.717")	66 (2.598")	Standard	PT740 420.9841.55	RI740 (2 R) 420.9154.30	CI018	NB505 420.9329.04	
							.020"	PT740-2			RI740-2
							.060"	PT740-6			RI740-6
Spirit 250	1979-83	250,4	1	69,5 (2.736")	66 (2.598")	Standard	.020"	PT740-2	RI740-2	CI018	NB505 420.9329.04
							.060"	PT740-6	RI740-6		
							.080"	PT740-8	RI740-8		
Mirage I	1980-82	268,7	1	72 (2.835")	61 (2.402")	Standard	PT741 420.9962.45	RI741 (1L/1R) 420.2152.35L	CI018	NB505 420.9329.04	
							PT741T 420.9952.85	420.9158.5R			
							.010"	PT741-1			RI741-1
Futura 500, 500E Grand Prix Special Sonic	1980-82 1979-81 1982	496,7	2				.020"	PT741-2	RI741-2		
							.040"	PT741-2T	RI741-2		
							.040"	PT741-4T	RI741-4		
Mirage 300	1979	293,5	2	57 (2.244")	57.5 2.264")	Standard	PT764 420.9934.15	RI764 (L/R) 420.9156.15L	ND/ NA	NB514 420.9320.28	
							.010"	PT764-1			RI764-1
							.020"	PT764-2			RI764-2
Super Sonic	1979-81	339,2	2	59.5 (2.343")	61 (2.402")	Standard	PT750 420.9956.19	RI750 (1 L) 420.9158.35	CI018	NB505 420.9329.04	
							.010"	PT750-1			RI750-1
							.020"	PT750-2			RI750-2
							.040"	PT750-4			RI750-4
Futura 340 Nuvik 340, E	1975 1976-79	339	2	59.5 (2.343")	61 (2.402")	Standard. gauche/left	PT747 420.9924.60	RI748(1L/1R)	CI018	NB505 420.9329.04	
							Standard droit / right	PT748 420.9924.65			RI748(1L/1R)
							.010" gauche/left	PT747-1			RI748-1
							.010" droit / right	PT748-1			RI748-1
							.020" gauche/left	PT747-2			RI748-2
							.020" droit /right	PT748-2			RI748-2
Sonic 340	1976-78	346	2	63 (2.480")	54 (2.126")	Standard	---	---	CI018	NB505 420.9329.04	
							.020"	PT767-2			---
							.030"	PT767-3			---
							.040"	PT767-4			---

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Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Moto-Ski (Moteur Rotax engine)</b>										
Mirage	1980-85	368,3	2	62 (2.441")	61 (2.402")	Standard	<b>PT751T</b> 420.9949.75	<b>RI751 (1L/1R)</b> 420.2152.10L 420.9158.90R	<b>CI018</b>	<b>NB505</b> 420.9329.04
						.010"	<b>PT751-1</b>	<b>RI751-1</b>		
						.020"	<b>PT751-2T</b>	<b>RI751-2</b>		
						.030"	<b>PT751-3</b>	<b>RI751-3</b>		
						.040"	<b>PT751-4</b>	<b>RI751-4</b>		
Futura 400, E	1977-79	399	2	64.5 (2.539")	61 (2.402")	Standard. gauche/left	<b>PT753</b>	<b>RI754 (1L/1R)</b>	<b>CI018</b>	<b>NB505</b>
						Standard droit / right	<b>PT754</b>	<b>RI754</b>		
Futura 440 Nuvik 440	1975-79 1977	436,6	2	67.5 (2.658")	61 (2.402")	Standard. gauche/left	<b>PT758</b> 420.9946.10	<b>RI759 (1L/1R)</b> 420.9155.47L 420.9159.60R	<b>CI018</b>	<b>NB505</b> 420.9329.04
						Standard droit / right	<b>PT759</b> 420.9946.15	<b>RI759</b> 420.9158.70L 420.9159.60R		
						.010" gauche/left	<b>PT758-1</b>	<b>RI759-1</b>		
						.010" droit/right	<b>PT759-1</b>	<b>RI759-1</b>		
						.020 gauche/left	<b>PT758-2</b>	<b>RI759-2</b>		
						.020" droit/right	<b>PT759-2</b>	<b>RI759-2</b>		
Ultra Sonic	1980-82	436,6	2	67.5 (2.658")	61 (2.402")	Standard	<b>PT760</b> 420.9951.80	<b>RI760 (1 L)</b> 420.9158.45	<b>CI018</b>	<b>NB505</b> 420.9329.04
						.020"	<b>PT760-2</b>	<b>RI760-2</b>		
Futura 444	1978-79	436,6	2	69.5 (2.736")	57.5 (2.264")	Standard	<b>PT761</b> 420.8869.60	<b>RI761 (1L/1R)</b> 420.9157.25L 420.9159.80R	<b>CI018</b>	<b>NB505</b> 420.9329.04
Futura 464 Sonic L/C	1980-82 1984	462,8	2	69.5 (2.736")	61 (2.402")	.010"	<b>PT761-1</b>	<b>RI761-1</b>		
						.020"	<b>PT761-2</b>	<b>RI761-2</b>		
Futura 500, 500E Grand Prix Special Sonic	1980-82 1979-81 1982	496,7	2	72 (2.835")	61 (2.402")	Standard	<b>PT741</b> <b>PT741T</b> 420.890-070	<b>RI741 (1L/1R)</b> 420-815-200L 420-9158-50R	<b>CI018</b>	<b>NB505</b> 420.9329.04
						.010"	<b>PT741-1</b>	<b>RI741-1</b>		
						.020"	<b>PT741-2</b> <b>PT741-2T</b>	<b>RI741-2</b>		
						.040"	<b>PT741-4T</b>	<b>RI741-4</b>		
<b>Polaris</b>										
Colt 250	1976-78	250	2	53,5 (2.106")	55,6 (2.189")	Standard	<b>PT702</b> 3082407	<b>RI702 (1L/1R)</b> 3081921 L 3082408 R	<b>CI016</b>	<b>NB513</b> 3081648

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts									
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing						
<b>Polaris</b>																
Starfire 250 TX 250	1976 1976-79	250	2	53,4 (2.102")	55,6 (2.189")	Standard Chrome	<b>PT703</b> 3082684	<b>RI703 (1 K)</b> <b>3082435</b>	<b>CI016</b>	<b>NB513</b> 3081648						
Colt 250 Custom II 250	1972-78 1971	244	1	72 (2.835")	60 (2.362")	Standard	<b>PT700</b> 3083023	<b>RI700 (2R)</b> 3080259	<b>CI018</b>	<b>NB520</b> 3081629						
Electra 250	1975-77						.020"	<b>PT700-2</b>			<b>RI700-2</b>					
Gemini 244	1979-83						.040"	<b>PT700-4</b>			<b>RI700-4</b>					
Star	1983-90															
Starlite	1991-95															
Starlite GT	1993-94															
Startrak	1987-90															
TC 250	1974-75															
Charger, Mustang, Voyager	1971						488	2								
Indy Cross Country TX-L 340 L/C	1983 1977-82						333	2			61,78 (2.431")	55,6 (2.189")	Standard Chrome	<b>PT706</b> <b>3082738</b>	<b>RI706 (1 K)</b> <b>3082497</b>	<b>CI016</b>
Centurion 500	1979-82	500	3				Resleeve .010"	<b>PT706-1</b> 3082849	<b>RI706-1</b> 3082559							
							Resleeve .020"	<b>PT706-2</b> 3082705	<b>RI706-2</b> 3082706							
							Resleeve .030"	<b>PT706-3</b>	<b>RI706-3</b>							
Starfire 340 TX 340, F/A	1976 1973-82	336	2	62 (2.441")	55,6 (2.189")	Standard	<b>PT706-1</b> 3082445	<b>RI706-1 (1 K)</b> 3082444	<b>CI016</b>	<b>NB513</b> 3081648						
							Resleeve .010"	<b>PT706-2</b>	<b>RI706-2</b>							
							Resleeve .020"	<b>PT706-3</b>	<b>RI706-2</b>							
Indy Lite, Deluxe Indy Lite, GT Indy Sport	1992-93 1991-93 1987-90	339	2	62,25 (2.450")	55,6 (2.189")	Standard	<b>PT709</b> 3083585 3084603	<b>RI709 (1 K)</b> <b>3083587</b>	<b>CI016</b>	<b>NB525</b> 3080998						
Indy Sport GT Sprint, ES	1989-90 1986-90						.010"	<b>PT709-1</b>			<b>RI709-1</b>					
							.020"	<b>PT709-2</b>			<b>RI709-2</b>					
340 340 Edge Touring, LX Indy 340, Dlx, Classic	2008 2007 1999-2008	340	2	62,3 (2.452")	55,6 (2.189")	Standard	<b>PT717</b> 3084603	<b>RI717 (2 K)</b> 3083587	<b>CI016</b>	<b>NB525</b>						
Indy 340 Touring	1999-2006						.020"	<b>PT717-2</b>			<b>RI717-2</b>					
Indy Lite, Deluxe Indy Lite GT Indy Lite Touring Indy Sport Touring	1994-98 1994-98 1998 1999-2004															
Indy 400	1984-91	398	2	65 (2.559")	60 (2.362")	Standard	<b>PT707</b> 3083883	<b>RI707 (1 K)</b> 3083349	<b>CI018</b>	<b>NB503</b> 3083216						
Indy 600	1984-87	597	3	65 (2.559")	60 (2.362")		.010"	<b>PT707-1</b> 3083884	<b>RI707-1</b> 3083358							
							.020"	<b>PT707-2</b> 3083885	<b>RI707-2</b> 3083359							
							.030"	<b>PT707-3</b>	<b>RI707-3</b>							
							.040"	<b>PT707-4</b>	<b>RI707-4</b>							

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Polaris</b>										
Cobra 440	1978-79	432	2	67.72	60	Standard	<b>PT704</b>	<b>RI704 (1 K)</b>	<b>CI018</b>	<b>NB520</b>
Cutlass SS 440, 440E	1981-82			(2.666")	(2.362")		3082821	3082822		3081629
Electra 440	1974-77					.010"	<b>PT704-1</b>	<b>RI704-1</b>		
Galaxy 440, E	1980-81					.020"	<b>PT704-2</b>	<b>RI704-2</b>		
Long Track	1983-86									
Sport, Super Sport SS	1983									
TX 440	1973									
TX-C 440C	1981									
Indy 440 XC	1992	432	2	67.72	60	Standard	<b>PT715</b>	<b>RI713 (2 K)</b>	<b>CI018</b>	<b>NB503</b>
Indy 440, XCR	1993-94			(2.666")	(2.362")		3084326	3083859		3083216
Indy 440 SKS	1995-98					.010"	<b>PT715-1</b>	<b>RI713-1</b>		
Indy Trail, Deluxe	1993					.020"	<b>PT715-2</b>	<b>RI713-2</b>		
Indy Sport	1991-99	432	2	67.75	60	Standard	<b>PT710</b>	<b>RI704 (1 K)</b>	<b>CI018</b>	<b>NB503</b>
Indy Trail	1983-86			(2.667")	(2.362")		3083882	3083216		3083216
Long Trak	1984-90						3085837	3082822		
Sport GT	1991-93	432	F/C	68		.010"	<b>PT710-1</b>	<b>RI704-1</b>		
Sport Touring	1995-98			(2.777")						
Super Sport	1995-96					.020"	<b>PT710-2</b>	<b>RI704-2</b>		
Transport	1996-99						<b>PT710-2T</b>			
TXC 440 F/C	1982					.030"	<b>PT710-3</b>	<b>RI704-3</b>		
XCF	1997-98					.040"	<b>PT710-4</b>	<b>RI704-4</b>		
TX 440	1976-80	433	2	67.75	60	Standard Chrome	<b>PT705</b>	<b>RI705 (1 K)</b>	<b>CI018</b>	<b>NB520</b>
				(2.667")	(2.362")		3082451	3082452		3081629
Indy 500, SKS, SP (except.SKS 97)	1990-98	488	2	71.98	60	Standard	<b>PT711</b>	<b>RI711 (2 K)</b>	<b>CI018</b>	<b>NB503</b>
				(2.834")	(2.362")		<b>PT711T</b>			3083216
Indy 500 EFI	1992-98						3084339	3083963		
Indy 500 Classic Tour.	2001-06					.010"	<b>PT711-1T</b>	<b>RI711-1</b>		
Indy 500 L/C, Classic	1989-06						3083902	3083970		
Indy Classic Touring	1993-94,96					.020"	<b>PT711-2T</b>	<b>RI711-2</b>		
Indy Widetrak	1992-94						3083903	3083971		
Indy Widetrak LX	1994-98					.030"	<b>PT711-3T</b>	<b>RI711-3</b>		
						.040"	<b>PT711-4T</b>	<b>RI711-4</b>		
Indy Trail Deluxe	1988-96	488	2	71.89	60	Standard	<b>PT712</b>	<b>RI712 (2 K)</b>	<b>CI018</b>	<b>NB503</b>
Indy Trail F/C	1986		F/C	(2.834")	(2.362")		<b>PT712T</b>	3083838		3083216
Indy Trail, Touring	1994-99						3083841			
Super Sport	1997-98					.010"	<b>PT712-1</b>	<b>RI712-1</b>		
Supertrack	1991-94					.020"	<b>PT712-2</b>	<b>RI712-2</b>		
Indy Trail RMK	1997-98									
Indy Widetrak	1990-91									
Indy Widetrak GT	1994-97									
Indy 500 RMK	1997-99	488	2	72	60	Standard	<b>PT726T</b>	<b>RI719 (2 K)</b>	<b>CI018</b>	<b>NB503</b>
Indy 500 SKS	1997		L/C	(2.835")	(2.362")		3085458	3084342		3083216
Indy Classic Touring	1997-00					.020"	<b>PT726-2T</b>	<b>RI719-2</b>		
Indy Widetrak LX	1999-09						3085460	3084344		

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Polaris</b>										
Indy 500 RMK	2000-02	500	2	70.50	64	Standard	<b>PT720</b>	<b>RI720 (2K)</b>	<b>CI020</b>	---
Indy 500 XC	1999-02			(2.775")	(2.520")		7201383	2201196		
Indy 500 XC SP	1999-07						2201560			
Indy 500 Euro	2001					.010"	<b>PT720-1</b>	<b>RI720-1</b>		
Indy 500 SKS	2000-02					.020"	<b>PT720-2</b>	<b>RI720-2</b>		
Indy Sport Touring 550, ES	2000-04	544	2	73	65	Standard	<b>PT727T</b>	<b>RI727 (2 K)</b>	<b>CI018</b>	<b>NB503</b>
Indy Supersport 550	1999-2006		F/C	(2.874")	(2.559")		3089485	3086988	3084167	3083216
Indy Trail RMK	1999-2006					.020"	<b>PT727-2T</b>	<b>RI727-2</b>		
Indy Trail Touring	2000-06						3089487	3086990		
Indy 550 Classic	2002-06									
550 Pro X Fan	2004									
Indy 580 XLT, SKS	1993-94	579	3	64	60	Standard	<b>PT714</b>	<b>RI714 (2 K)</b>	<b>CI016</b>	<b>NB525</b>
Indy XLT SP	1992-94			(2.520")	(2.362")					3080998
						.020"	<b>PT714-2</b>	<b>RI714-2</b>		
Indy 600 Classic	2000	593	2	74.5	68	Standard	<b>PT721T</b>	<b>RI721 (2 K)</b>	<b>CI020</b>	---
Indy 600 RMK	1998-2001			(2.933")	(2.677")	Nikasil	2200942	2200940	3022950	
Indy 600 XC DLX 45 <sup>th</sup>	2000									
Indy 600 XC, SP	1998-99									
Triumph 600	2000	597	3	65	60	Standard	<b>PT716T</b>	<b>RI716 (2 K)</b>	<b>CI016</b>	<b>NB525</b>
XC 600	1997			(2.559")	(2.362")		3085873	3083349	3084456	3080998
XCR 600	1995-96					.020"	<b>PT716-2T</b>	<b>RI716-2</b>		
XLT 600, SP, SKS	1995-99					.030"	<b>PT716-3</b>	<b>RI716-3</b>		
XLT Classic	1995-99					.040"	<b>PT716-4</b>	<b>RI716-4</b>		
XLT LTD, LTD SP	1995-99									
XLT RMK, Touring	1995-99									
XCR 600 SP	1996	597	3	62.5	60	Standard	<b>PT729T</b>	<b>RI729 (2 K)</b>	<b>CI018</b>	<b>NB503</b>
XCR 600 SE	1997			(2.461")	(2.362")		3085297	3085298	3084167	3083216
XCR 600	1997-98									
Indy 600 Classic	2001-06	600	2	77.25	64	Standard	<b>PT728T</b>	<b>RI728</b>	<b>CI020</b>	---
Indy 600 Classic, Tour.	2001-03						2201558	2201256	3022950	
Indy 600 Edge Touring	2002-06									
Indy 600 Pro X	2003-04									
Indy 600 RMK	2002-07									
Indy 600 Switchback	2004-07									
Indy 600 Touring	2000-07									
600 HO IQ	2007									
600 Fusion	2006									
600 XC SP (EV)	2000									
600 XC SP Edge	2000									
600 XC SP	2001-05									
Indy 650, RXL, SKS	1990-97	648	3	67.75	60	Standard	<b>PT713</b>	<b>RI713 (2 K)</b>	<b>CI018</b>	<b>NB503</b>
Indy 650, SKS	1988-93			(2.667")	(2.362")		3084245	3083859		3083216
						.010"	<b>PT713-1</b>	<b>RI713-1</b>		
						.020"	<b>PT713-2</b>	<b>RI713-2</b>		
						.030"	<b>PT713-3</b>	<b>RI713-3</b>		
						.040"	<b>PT713-4</b>	<b>RI713-4</b>		

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Polaris</b>										
Ultra SPX, SE	1996-97	679	3	66.5	65	Standard	<b>PT718T</b>	<b>RI718</b>	<b>CI018</b>	<b>NB503</b>
Indy Ultra SP	1996-98			(2.618")	(2.559")		<b>3085262</b>	3085132	3084167	
Indy Ultra Touring	1996-98									
700 Classic	2001-04	700	2	81	68	Standard	<b>PT722T</b>	<b>RI722 (2 K)</b>	<b>CI020</b>	---
700 Classic Touring	2003			(3.189")	(2.677")	Nikasil	2202237	2200895	3022950	
700 Edge Touring	2004									
700 Pro X	2003-04									
700 RMK, SKS	1997-2004									
700 Switchback	2004									
700 XC, SP	1997-2005									
Indy Storm 800	1994-98	794	3	72	65	Standard	<b>PT719</b>	<b>RI719 (2 K)</b>	<b>CI018</b>	<b>ND / NA</b>
				(2.835")	(2.559")	Nikasil	3085313	3085316	3084167	
Indy 800 Classic	2004	800	2	85	70	Standard	<b>PT730T</b>	<b>RI730</b>	<b>CI022</b>	---
Indy 800 Edge Touring	2004-05			(3.150")	(2.756")		2202337	2201631		<b>3514357</b>
Indy 800 LE	2001									
Indy 800 Pro X	2003-04									
Indy 800 RMK	2000-05									
Indy 800 RMK SP	2001									
Indy 800 SKS	2003									
Indy 800 Switchback	2004-05									
Indy 800 XC SP	2001-05									
800 XCR	1999-2003	800	3	72	65	Standard	<b>PT731T</b>	<b>RI731</b>	<b>CI018</b>	<b>NB503</b>
				(2.835")	(2.559")		3086142	3085803	3084167	3083216
<b>Ski-Doo (Moteur Rotax engine)</b>										
Elan 250, E	1971-78	247	1	69	66	Standard	<b>PT740</b>	<b>RI740 (2 R)</b>	<b>CI018</b>	<b>NB505</b>
				(2.717")	(2.598")		420.9841.55	420.9154.30		420.9329.04
Elan 250	1979-96	250,4	1	69.5	66	.020"	<b>PT740-2</b>	<b>RI740-2</b>		
				(2.736")	(2.598")		420.9841.56	420.9154.31		
						.060"	<b>PT740-6</b>	<b>RI740-6</b>		
						.080"	<b>PT740-8</b>	<b>RI740-8</b>		
Elan 250	1973-79	247,3	2	54	54	Standard	<b>PT745</b>	<b>RI745 (1L/1R)</b>	<b>ND/ NA</b>	<b>NB514</b>
				(2.126")	(2.126")		420.9934.00	420.2151.05L		420.9320.28
						.020"	<b>PT745-2</b>	<b>RI745-2</b>		
Citation 3500	1980-84	268,7	1	72	61	Standard	<b>PT741</b>	<b>RI741 (1L/1R)</b>	<b>CI018</b>	<b>NB505</b>
Citation LS, LSE	1985-88			(2.835")	(2.402")		<b>PT741T</b>	420.2152.35L		420.9329.04
Skandic 277	1983						420.890.070	420.9158.50R		
Tundra, LT	1985-98					.010"	<b>PT741-1</b>	<b>RI741-1</b>		
Tundra II, LT	1999-2005					.020"	<b>PT741-2</b>	<b>RI741-2</b>		
Tundra R, RER	1999-2005	280	1				<b>PT741-2T</b>			
						.040"	<b>PT741-4T</b>	<b>RI741-4</b>		
Freestyle 300F	2006	269	1	72	61	Standard	<b>PT741</b>	<b>RI741 (1L/1R)</b>	<b>CI018</b>	<b>NB505</b>
Tundra RF 300F	2006			(2.835")	(2.402")		<b>PT741T</b>	420.815.200		420.932.904
Skandic Tundra 300F	2007-09						420.890.070	420.915.850		
Freestyle Session 300F	2007-08					.010"	<b>PT741-1</b>	<b>RI741-1</b>		
						.020"	<b>PT741-2</b>	<b>RI741-2</b>		
							<b>PT741-2T</b>			
						.040"	<b>PT741-4T</b>	<b>RI741-4</b>		

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts				
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing	
<b>Ski-Doo (Moteur Rotax engine)</b>											
Citation 300	1978-79	293,5	2	57 (2.244")	57.5 (2.264")	Standard	<b>PT764</b>	<b>RI764 (1L/1R)</b>	ND/ NA	<b>NB514</b> 420.9320.28	
Elan 294, 300SS	1974-75						420.9934-15	420.9156.15L			
TNT 294	1973						420.9156.00R	420.9156.00R			
							.010"	<b>PT764-1</b>	<b>RI764-1</b>		
							.020"	<b>PT764-2</b>	<b>RI764-2</b>		
Olympique 300, S, M	1971-77	299,4	1	76 (2.992")	66 (2.598")	Standard	<b>PT742</b> 420.9850.50	<b>RI742 (2 R)</b> 420.9152.50	<b>CI018</b>	<b>NB505</b> 420.9329.04	
Olympique 320, 320E	1969	319	1				.010"	<b>PT742-1</b>	<b>RI742-1</b>		
							.020"	<b>PT742-2</b>	<b>RI742-2</b>		
							.030"	<b>PT742-3</b>	<b>RI742-3</b>		
							.040"	<b>PT742-4</b>	<b>RI742-4</b>		
Olympique 335	1969-72	335	1	78 (3.071")	70 (2.756")	Standard	<b>PT746</b>	<b>RI746 (2 R)</b>	<b>CI018</b>	<b>NB505</b> 420.9329.04	
Skandic	1970-73						420.9950.55	420.9152.70			
							.010"	<b>PT746-1</b>			<b>RI746-1</b>
							.020"	<b>PT746-2</b>	<b>RI746-2</b>		
Everest 340, E	1977-79	339	2	59.5 (2.343")	61 (2.402")	Standard	<b>PT747</b>	<b>RI748 (1L/1R)</b>	<b>CI018</b>	<b>NB505</b> 420.9329.04	
Olympique 340, E	1975-79						420.9924.60	420.9155.35L			
TNT 340	1972-76						420.9153.21R	420.9153.21R			
							.010"	<b>PT747-1</b>			<b>RI748-1</b>
							.010"	<b>PT748-1</b>			<b>RI748-1</b>
							.020"	<b>PT747-2</b>			<b>RI748-2</b>
							.020"	<b>PT748-2</b>			<b>RI748-2</b>
							.020"	<b>PT748-2</b>			<b>RI748-2</b>
Blizzard 6500 Plus	1978	339,2	2	59.5 (2.343")	61 (2.402")	Standard	<b>PT750</b>	<b>RI750 (1L)</b>	<b>CI018</b>	<b>NB505</b> 420.9329.04	
Blizzard 7500 Plus	1979-81						420.9956.19	420.9158.35			
Blizzard Cross Country	1979						.010"	<b>PT750-1</b>			<b>RI750-1</b>
							.020"	<b>PT750-2</b>			<b>RI750-2</b>
							.040"	<b>PT750-4</b>	<b>RI750-4</b>		
TNT RV 340	1976-80	346	2	63 (2.480")	54 (2.126")	Standard	---	---	<b>CI018</b>	<b>NB505</b> 420.9329.04	
							.020"	<b>PT767-2</b>	---		
							.030"	<b>PT767-3</b>	---		
							.040"	<b>PT767-4</b>	---		
Citation 4500	1980-83	368,3	2	62 (2.441")	61 (2.402")	Standard	<b>PT751T</b>	<b>RI751(1L/1R)</b>	<b>CI018</b>	<b>NB505</b> 420.9329.04	
Formula S	1995-98						420.9949.75	420.2152.10L			
Nordic	1981-83						420.9158.90R	420.9158.90R			
Safari 377	1984-91						.010"	<b>PT751-1</b>			<b>RI751-1</b>
Safari L, LE	1990-94						.020"	<b>PT751-2T</b>			<b>RI751-2</b>
Saga	1989						.030"	<b>PT751-3</b>			<b>RI751-3</b>
Scout	1989-92						.040"	<b>PT751-4</b>			<b>RI751-4</b>
Skandic	1982-87										
Skandic II 377, R	1992-98										
Touring L, LE	1995-98										
Grand Touring 380 Fan	2002-03	380	2	62 (2.441")	61 (2.402")	Standard	<b>PT751T</b>	<b>RI751</b>	<b>CI018</b>	<b>NB505</b> 420.916.260	
Legend 380 Fan	2002-04						420.890.060	420.915.895			
MX Z 380 Fan	2002-06						.010"	<b>PT751-1</b>			<b>RI751-1</b>
GSX 380 FAN	2005-06						.020"	<b>PT751-2T</b>			<b>RI751-2</b>
GTX 380 FAN	2005-06						.030"	<b>PT751-3</b>			<b>RI751-4</b>
		.040"	<b>PT751-4</b>	<b>RI751-4</b>							





# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Ski-Doo (Moteur Rotax engine)</b>										
Grand Touring 500 Fan	2002	500	2	72	61	Standard	<b>PT741</b>	<b>RI741 (1L/1R)</b>	<b>CI018</b>	<b>NB505</b>
Legend 500 Fan	2002			(2.835")	(2.402")		<b>PT741T</b>	420.9158.50R		420.916.186
MX Z 500 Fan	2002						420.888.175			
Skandic 500 SWT	2002-04					.010"	<b>PT741-1</b>	<b>RI741-1</b>		
Skandic 500 WT	2002-04					.020"	<b>PT741-2</b>	<b>RI741-2</b>		
Skandic Sport 500 Fan	2003-04						<b>PT741-2T</b>			
Summit 500 Fan	2002-04					.040"	<b>PT741-4T</b>	<b>RI741-4</b>		
<b>550 Fan Cool Engine</b>		553	2	75.86	---	Standard	<b>PT779T</b>	<b>RI779(1K/1R)</b>	---	---
Expedition 550F	2005-07			(2.987")			420-889-050	420-815-155L		
Expedition Sport 550F	2007-08							420-815-300R		
Freestyle Session 550F	2007									
Freestyle Back Country 550F	2007-09					.020"	<b>PT779-2T</b>	<b>RI779-2</b>		
Freestyle Park 550F	2007-08						420-889-052			
Grand Touring 550F	2003									
GSX 550F	2005-09									
GTX 550F	2005-09									
Legend 550F	2003-04									
MX Z 550F, X	2003-09									
Skandic 550F SUV	2004-09									
Skandic 550F WT/SWT	2004-09									
Skandic Tundra LT 550F	2008-09									
Summit 550F	2003-09									
Formula Deluxe 583	1998-99	580	2	76	64	Standard	<b>PT772</b>	<b>RI772 (1 L)</b>	<b>CI018</b>	<b>NB505</b>
Formula Gr. Tour., 580	1993-96			(2.992")	(2.402")		<b>PT772T</b>			420.9329.04
Formula Mach I, XTC	1989-92						420.9958.35	420.8150.10		
Formula Plus, E	1992-93	617	2	76	68	.010"	<b>PT772-1</b>	<b>RI772-1</b>		
Formula Plus EFI	1993-94			(2.992")	(2.677")		<b>PT772-1T</b>			
Formula Plus XTC, X	1992-93					.020"	<b>PT772-2T</b>	<b>RI772-2</b>		
Formula STX, Z	1994-96					.030"	<b>PT772-3</b>	<b>RI772-3</b>		
Summit	1994-96					.040"	<b>PT772-4</b>	<b>RI772-4</b>		
<b>600 HO / RER Engine</b>		594	2	72	73	Standard	<b>PT776T</b>	<b>RI776 (1K)</b>	<b>C1020</b>	---
Expedition 600 TUV	2005-08			(2.835")	(2.874")	Nikasil	420.889.187	420.815.295		
Grand Touring Sport / SE	2003									
GSX LE 600 HO E-TEC	2009									
GSX Limited SDI	2004-08									
GSX Ltd 600 HO E-TEC	2009									
GSX Sport	2004-06									
GTX Limited / Sport	2005-08									
Legend SE	2004									
Legend Sport SDI	2004									
MXZ Adrenaline	2003-08									
MXZ Adr.600 HO E-TEC	2009									
MXZ Renegade	2003-08									
MXZ Ren.600 HO E-TEC	2009									
MXZ Ren.X 600 HO E-TEC	2009									
MXZ Renegade X	2005-08									
MXZ REV Sport	2003									
MXZ REV X	2003									
MXZ TNT 600 HO E-TEC	2009									

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# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Ski-Doo (Moteur Rotax engine)</b>										
<b>600 HO / RER Engine</b>		594	2	72 (2.835")	73 (2.874")	Standard Nikasil	<b>PT776T</b> 420.889.187	<b>RI776 (1K)</b> 420.815.295	<b>C1020</b>	---
MXZ Trail	2004-06									
MXZ X	2004-08									
MXZ X 600 HO E-TEC	2009									
MXZ XRS 600 HO SDI	2007									
Summit Adrenaline	2003-08									
Summit Everest HO E-TEC	2009									
Summit X 600 HO E-TEC	2009									
Formula Deluxe 600	1999-01	597	2	76 (2.992")	65.8 (2.590")	Standard	<b>PT785T</b> 420.8866.87	<b>RI785 (1 K)</b> 420.8151.50	<b>C1020</b>	---
Formula Deluxe 600 GS	2001									
Formula Deluxe 600 GSE	2001									
Formula Z 600	1999-00					.020"	<b>PT785-2T</b>	<b>RI785-2</b>		
Grand Touring 600	1999-01									
Grand Touring 600 GS	2002									
Grand Touring 600 SE	2002-03									
Grand Touring 600 Sport	2002									
Legend 600 GS	2002									
Legend 600 Sport	2002-03									
Legend SE 600	2002									
MX Z 600	1999-01									
MX Z 600 Adrenaline	2002									
MX Z 600 Renegade	2002									
MX Z 600 RER Sport	2002									
MX Z 600 Sport	2002									
MX Z 600 Trail	2002-03									
MX ZX 600	2001-02									
Skandic 600 SUV, WT	2003-08									
Skandic 600 WT L/C	2001-09									
Summit 600	1999-01									
Summit 600 RER Sport	2002									
Summit 600 Sport	2002									
Formula III	1995-97	600	3	64.5 (2.539")	61 (2.402")	Standard	<b>PT774</b> 420.8874.35	<b>RI774 (1K/1R)</b> 420.8151.40 420.8150.60	<b>CI018</b>	<b>NB503</b>
Formula III LT	1997									
Alpine 640	1969-82	635,1	2	76 (2.992")	70 (2.756")	Standard gauche/left	<b>PT762</b> 420.9856.37	<b>RI762(1L/1R)</b> 420.9153.50L 420.9152.50R	<b>CI018</b>	<b>NB505</b> 420.9329.04
Nordic 640	1970-74									
TNT 640	1971-72									
Valmont 640	1971-72									
						Standard droit/right	<b>PT763</b> 420.9856.38 420.9944.66	<b>RI763 (2 R)</b> 420.9152.50		
						.010" gauche/left	<b>PT762-1</b>	<b>(1L/1R)</b> <b>RI762-1</b>		
						.010" droit/right	<b>PT763-1</b>	<b>(1L/1R)</b> <b>RI763-1</b>		
						.020" gauche/left	<b>PT762-2</b> 420.9856.31	<b>RI762-2</b> 420.9153.51L 420.9152.51R		
						.020" droit/right	<b>PT763-2</b>	<b>RI763-2</b>		

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Ski-Doo (Moteur Rotax engine)</b>										
Formula Grand Tour.SE	1994-96	669	2	78 (3.071")	70 (2.756")	Standard	<b>PT773T</b>	<b>RI773 (1L/1R)</b>	<b>CI020</b>	<b>NB524</b> 420.8320.40
Formula Mach I	1993-96						420.8865.30	420.8150.30L		
Formula Mach I X	1993						420.8150.20R			
Formula SS 670	1995-96					.020"	<b>PT773-2</b>	<b>RI773-2</b>		
Formula Z 670	1998-99						<b>PT773-2T</b>			
MXZ 670	1996-98									
Summit 670	1995-99									
Formula III 700	1998-00	699	3	69.8 (2.748")	61 (2.402")	Standard	<b>PT781</b>	<b>RI781(1K/1R)</b>	<b>CI018</b>	<b>NB503</b>
Grand Touring 700	1998-00						420.8875.21	420.8150.46		
Grand Touring SE	1997-98						420.9159.86			
Mach I, 700	1997-00									
Formula Deluxe 700	2000	700	2	78 (3.071")	73 (2.874")	Standard Nikasil	<b>PT783T</b>	<b>RI783 (1 K)</b>	<b>CI020</b>	---
Formula Dlx 700 GS,GSE	2001						420-888-293	420-815-222		
Formula Z 700	2000						420-888-296			
Grand Touring 700 GS	2001-02						420-888-298			
Grand Touring 700 SE	2003									
Grand Touring 700 Sport	2002-03									
Legend 700 GS	2002									
Legend 700 SE	2003-04									
Legend 700 Sport	2002-04									
Legend GT 700 SE	2004									
Legend GT 700 Sport	2004									
MX Z 700	2000-01									
MX Z 700 Adrenaline	2002-04									
MX Z 700 Renegade	2002-04									
MX Z 700 RER Sport	2002									
MX Z 700 Sport, Trail	2002									
MX ZX 700	2001-02									
Summit 700	2000-01									
Summit 700 H, HX, X	2002-03									
Summit 700 RER Sport	2002-03									
Summit 700 Sport	2002									
<b>800 HO/RER Engine</b>		793	2	82 (3.228")	75.7 (2.980")	Standard Nikasil	<b>PT778T</b>	<b>RI778 (1K/1R)</b>	<b>CI020</b>	---
MXZ 800	2001						420-889-456	420-815-360		
MXZ 800 Adrenaline	2001									
MXZ 800 Adrenaline	2004-07									
MXZ Blizzard	2007									
MXZ X 800 HO	2001									
MXZ X 800 HO	2003-07									
MXZ XRS	2007									
MXZ Renegade	2003-07									
MXZ Renegade X	2005-07									
MXZ REV, RER	2003									
Summit 800	2001-02									
Summit, X	2005-07									
Summit X 800	2001/03									
Summit Highmark, X 800	2002									
Summit Adrenaline	2003-07									
Summit Sport	2004									
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# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Ski-Doo (Moteur Rotax engine)</b>										
<b>800 HO/RER Engine</b>		793	2	82 (3.228")	75.7 (2.980")	Standard	<b>PT778T</b> 420-889-456	<b>RI778 (1K/1R)</b> 420-815-360	<b>CI020</b>	---
Summit Highmark, X (151")	2003-04									
Summit Highmark Xtreme	2003									
GSX 800 Limited	2004-07									
GTX 800 Limited	2007									
Legend SE 800	2002-04									
Legend GT SE 800	2004									
Formula III 800	1999-00	796	3	70.5 (2.776")	68 (2.677")	Standard	<b>PT782</b> 420.8876.41	<b>RI782(1K/1R)</b> 420.8150.48	<b>CI018</b>	---
Grand Touring 800 SE	1999-01									
Mach Z 800	1997-02									
Mach Z LT	1997-98									
Mach Z Tech Plus	2001-03									
Mach Z Adrenaline	2005-07	1000	2	88 (3.465")	82 (3.228")	Standard	<b>PT777T</b> 420.889.233	---	---	---
Mach Z 1000 SDI										
Adrenaline & X	2007									
MX Z 1000 SDI										
Renegade, RT & X	2007									
Summit 1000 Highmark										
SDI 151, 162	2005-07									
Summit Highmark X, SDI, 151, 162	2005-07									
<b>Yamaha</b>										
BR 250	1982-94	246	1	70 (2.756")	64 (2.520")	Standard	<b>PT800</b> 8R4-11631-00-96	<b>RI800 (1R/1K)</b> 8R4-11610-00-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
BR 250T, TS	1985-09									
BR 250TS	1984-97									
						.010"	<b>PT800-1</b> 8R4-11635-00-00	<b>RI800-1</b> 8R4-11610-10-00		
						.020"	<b>PT800-2</b> 8R4-11636-00-00	<b>RI800-2</b> 8R4-11610-20-00		
ET 250	1977-81	246	1	72.96 (2.872")	59 (2.322")	Standard	<b>PT801</b> 8G5-11631-01-96	<b>RI801 (2 K)</b> 8F3-11601-00-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
							<b>PT801-2</b> 8G5-11636-01-00	<b>RI801-2</b> 8F3-11601-20-00		
ET 300	1980-84	294	2	56 (2.205")	59.6 (2.346")	Standard	<b>PT811</b> 8K0-11631-00-96	<b>RI811 (1R/1K)</b> 8K0-11610-00-00	<b>CI016</b>	<b>NB513</b> 93310-216L2
						.010"	<b>PT811-1</b> 8K0-11635-00-00	<b>RI811-1</b> 8K0-11610-10-00		
						.020"	<b>PT811-2</b> 8K0-11636-00-00	<b>RI811-2</b> 8K0-11610-20-00		
						.040"	<b>PT811-4</b> 8K0-11638-00-00	<b>RI811-4</b> 8K0-11610-40-00		
CS 340E	1989-00	337	2	60 (2.362")	59.6 (2.346")	Standard	<b>PT802</b> 8G8-11631-01-96 85L-11631-00-96	<b>RI802 (2 K)</b> 8G8-11601-00-00	<b>CI016</b>	<b>NB522</b> 93310-216E1
EC 340	1982-88									
ET 340	1978-88									
						.010"	<b>PT802-1</b>	<b>RI802-1</b>		
						.020"	<b>PT802-2</b>	<b>RI802-2</b>		
						.040"	<b>PT802-4</b>	<b>RI802-4</b>		
GP 338	1973	338	2	60 (2.362")	59.6 (2.346")	Standard	<b>PT803</b>	<b>RI803 (1L/1R)</b>	<b>CI018</b>	<b>NB505</b> 93310-218A6
GS 338, 340	1976-79									
SL-338	1974									
						.020"	<b>PT803-2</b>	<b>RI803-2</b>		
						.040"	<b>PT803-4</b>	<b>RI803-4</b>		

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Yamaha</b>										
EX 340 STX 340	1976-78 1976-77	338	2	60 (2.362")	59.6 (2.346")	Standard	<b>PT804</b> 8A6-11631-01-96	<b>RI804 (1L)</b> 846-11611-00-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
						.010"	<b>PT804-1</b> 8A6-11635-01-00	<b>RI804-1</b> 846-11611-10-00		
						.020"	<b>PT804-2</b> 8A6-11636-00-00	<b>RI804-2</b> 846-11611-20-00		
GPX 338 F/A	1974-75	338	2	60 (2.362")	59.6 (2.346")	Standard	<b>PT815</b> 888-11631-00-96	<b>RI815 (1K)</b> 878-11611-00-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
						.010"	<b>PT815-1</b>	<b>RI815-1</b>		
						.020"	<b>PT815-2</b>	<b>RI815-2</b>		
ET 400 ET 410TR	1989-91 1992-01	408	2	66 (2.598")	59.6 (2.346")	Standard	<b>PT805</b> 89X-11631-00-94	<b>RI807 (2 K)</b> 8K4-11601-00-00	<b>CI016</b>	---
						.010"	<b>PT805-1</b> 85T-11635-00-00	<b>RI807-1</b>		
						.020"	<b>PT805-2</b> 85T-11636-00-00	<b>RI807-2</b> 8K4-11601-20-00		
SR 433, GPX 433	1971-75	433	2	68 (2.677")	59.6 (2.346")	Standard Chrome	<b>PT814</b> 889-11631-00-96	<b>RI814 (1K)</b> 889-11611-00-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
						.020"	<b>PT814-2</b> 889-11636-00-00	<b>RI814-2</b> 889-11611-20-00		
						.030"	<b>PT814-3</b>	<b>ND / NA</b>		
						.040"	<b>PT814-4</b>	<b>RI814-4</b>		
EX 440 GP, TL 433 GP440 PR 440 STX 440	1976-81 1975 1976-78 1976-77 1976-77	433	2	68 (2.677")	59.6 (2.346")	Standard Reed hole	<b>PT806</b> 8A5-11631-01-96	<b>RI806 (2 K)</b> 8G6-11601-00-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
						.010"	<b>PT806-1</b> 8G6-11635-00-00	<b>RI806-1</b> 8G6-11601-10-00		
						.020"	<b>PT806-2</b> 8G6-11636-00-00	<b>RI806-2</b> 8G6-11601-20-00		
						.040"	<b>PT806-4</b> 8G6-11638-00-00	<b>RI806-4</b> 8G6-11601-40-00		
SS 440	1980-83	437	2	66 (2.598")	59.6 (2.346")	Standard	<b>PT807</b> 8K4-11631-01-96	<b>RI807 (2 K)</b> 8K4-11601-00-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
						.010"	<b>PT807-1</b>	<b>RI807-1</b>		
						.020"	<b>PT807-2</b> 8K4-11636-01-00	<b>RI807-2</b> 8K4-11601-20-00		
SRX 440	1978-80	439	2	68.5 (2.697")	59.6 (2.346")	Standard Chrome	<b>PT818</b> 8J0-11631-00-93	<b>RI818 (1 K)</b> 8G9-11601-00-00	<b>CI020</b>	<b>NB521</b> 93310-320G0
						.010"	<b>PT818-1</b>	<b>RI818-1</b>		
						.020"	<b>PT818-2</b>	<b>RI818-2</b>		
PZ 480, 480 E PZ 480ST VT 480 VT 480GT VT 480TF, XL	1984-98 1991-98 1991-97 1993-97 1993-01	480	2	72 (2.835")	59.6 (2.346")	Standard Reed hole	<b>PT813T</b> 8V0-11631-00-96	<b>RI813 (2 K)</b> 8V0-11601-00-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
						.010"	<b>PT813-1T</b> 8V0-11635-00-00	<b>RI813-1</b> 8V0-11601-10-00		
						.020"	<b>PT813-2</b> <b>PT813-2T</b> 8V0-11636-00-00	<b>RI813-2</b> 8V0-11601-20-00		
Mountain Lite 500 Phazer 500 Phazer 500 ML Phazer Mountain 480 Venture 500 XL	2001 1999-01 2000 1999 1997-06	485	2	72 (2.835")	59.6 (2.346")	Standard	<b>PT813T</b> 8DJ-11631-A0	<b>RI813 (2 K)</b> 8DJ-11603-00	<b>CI018</b>	<b>NB505</b> 93310-218A6
						.010"	<b>PT813-1T</b>	<b>RI813-1</b>		
						.020"	<b>PT813-2</b> <b>PT813-2T</b>	<b>RI813-2</b>		

# COMPOSANTES DU MOTEUR - 9 - ENGINE COMPONENTS

## ENSEMBLES DE PISTONS - PISTON KITS

							Pièces de remplacement / Replacement parts			
Modèle Model	Année Year	CC	Cyl.	Alésage MM Bore	Course MM Stroke	Grandeur Size	Ensemble de piston Piston kit	Ensemble segment Ring(s) set	Pince de retenue Circlips	Roulement à aiguille / Needle bearing
<b>Yamaha</b>										
V-Max 500, LE, DX, ST	1994-96	493	2	68 (2.677")	68 (2.677")	Standard Nikasil	<b>PT825</b> 8AB-11631-00-94	<b>RI825 (2 K)</b>	<b>CI020</b>	<b>NB521</b> 93310-320G0
SX, SXR 500 Venture 500 V-Max 500, Deluxe	1999-01 1997-01 1997-01	494	2	68 (2.677")	68 (2.677")	Standard	<b>PT829T</b> 8CJ-11631-00	<b>RI825</b> 8AB-11603-01	<b>CI020</b>	<b>NB521</b> 93310-320G0
VMX 540	1983-91	535	2	73 (2.874")	64 (2.520")	Standard Chrome	<b>PT816</b> 8U9-11631-01-94	<b>RI816 (2 K)</b> 8U9-11601-00-00	<b>CI020</b>	<b>NB521</b> 93310-320G0
EC 540 SR 540 VK 540 XL 540	1979-84 1980-91 1988-07 1985-90	535	2	73 (2.874")	64 (2.520")	Standard	<b>PT808</b> 8R6-11631-00-95	<b>RI808 (2 K)</b> 8R6-11601-00-00	<b>CI020</b>	<b>NB521</b> 93310-320G0
						.010"	<b>PT808-1</b> 8H8-11635-00-00	<b>RI808-1</b> 8R6-11601-10-00		
						.020"	<b>PT808-2</b> 8H8-11636-00-00	<b>RI808-2</b> 8R6-11601-20-00		
						.030"	<b>PT808-3</b>	<b>RI808-3</b>		
						.040"	<b>PT808-4</b>	<b>RI808-4</b>		
Exciter 570 Exciter II 570	1987-90 1991-92	569	2	73 (2.874")	68 (2.677")	Standard Nikasil	<b>PT817</b> 82M-11631-02-92	<b>RI817 (2 K)</b> 8R6-11601-00-00	<b>CI020</b>	<b>NB521</b> 93310-320G0
						.010"	<b>PT817-1</b>	<b>RI817-1</b>		
						.020"	<b>PT817-2</b>	<b>RI817-2</b>		
Mountain Max 600 SX R 600 SX Venom, ER Venture 600 VMax 600 Dlx, SX VMax 600 ER	2000-02 2000-02 2004-05 1999-2006 1999-2002 2002-03	593	3	65 (2.559")	59 (2.323")	Standard	<b>PT830T</b> 8DG-11631-00	<b>RI821</b> 8DG-11603-00	<b>CI020</b>	---
Mountain Max 600 Venture 600 V-Max 600 SX V-Max 600 XT, XTC	1998-99 1997-98 1997-99 1997-99	598	2	74.8 (2.945")	68 (2.677")	Standard	<b>PT826T</b> 8CR-11631-00-00	<b>RI826 (2 K)</b> 8CR-11603-00-00	<b>CI020</b>	<b>NB521</b> 93310-320G0
						.020"	<b>PT826-2</b>	<b>RI826-2</b>		
V-Max 600, LE, DX, ST	1994-96	598	2	74.8 (2.945")	68 (2.677")	Standard Nikasil	<b>PTA826T</b> 8CA-11631-00-93	<b>RI826 (2 K)</b> 8CA-11603-00-00	<b>CI020</b>	<b>NB521</b> 93310-320G0
						.020"	<b>PT826-2</b>	<b>RI826-2</b>		
Mountain SRX 700 SRX 700, S SX 700 Viper, ER SX 700 Viper Mtn Venture 700	1998-99 2000-02 2002-04 2003-05 2004-05	696	3	69 (2.717")	62 (2.441")	Standard	<b>PT831T</b> 8DN-11631-10	<b>RI831</b> 8DN-116-03-00	<b>CI020</b>	---
Mountain Max 700 V-Max 700 SX, XT, XTC, Deluxe V-Max 700, Deluxe SX R700 Venture 700	1997-2003 1997-2000 2000-02 2000-02 1998-2003	698	3	70.5 (2.776")	59.6 (2.346")	Standard	<b>PT828T</b>	<b>RI828 (2 K)</b> 8CH-11631-00	<b>CI020</b>	---