

CHAPTER 1

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1996 Publication Numbers

Model	Model No.	Owner's Manual	Parts Manual	Parts Microfiche	Assembly Instructions
Indy Lite	0963433	9913084	9913166	9913167	9913085
Indy Lite Deluxe	0963431	9913084	9913166	9913167	9913088
Indy Lite GT	0963133	9913084	9913308	9913309	9913087
Indy Sport	0960443	9913224	9913222	9913223	9913220
Indy TranSport	0960143	9913224	9913227	9913228	9913225
Indy Sport Touring	0960243	9913215	9913222	9913223	9913221
Indy Super Sport	0960743	9913215	9913218	9913219	9913216
Indy 440 LC	0962760	9913107	9913174	9913175	9913172
Indy 440 XCR	0961660	9913207	9913211	9913213	9913208
Indy 440 XCR SP	0961760	9913706	9913158	9913336	9913338
Indy WideTrak GT	0962061	9913092	9913162	9913163	9913093
Indy WideTrak LX	0962064	9913089	9913164	9913165	9913090
Indy Trail	0962761	9913107	9913176	9913177	9913110
Indy Trail Touring	0962262	9913465	9913176	9913177	9913109
Indy 500	0962764	9913210	9913187	9913188	9913185
Indy 500 SKS	0962564	9913210	9913187	9913188	9913185
Indy 500 RMK	0962964	9913210	9913187	9913188	9913189
Indy Classic	0963865	9913153	9913538	9913539	9913184
Indy Classic Trg.	0963365	9913153	9913362	9913363	9913154
Indy 500 EFI	0963774	9913617	9913618	9913619	9913196
Indy 500 EFI SKS	0962574	9913195	9913198	9913199	9913310
Indy 500 EFI RMK	0962974	9913195	9913198	9913199	9913200
Indy XLT	0966756	9913103	9913382	9913383	9913178
Indy XLT SKS	0960556	9913307	9913181	9913182	9913466
Indy XLT RMK	0960956	9913307	9913181	9913182	9913179
Indy XLT SP	0966676	9913103	9913170	9913171	9913105
Indy XLT Touring	0963357	9913153	9913192	9913193	9913190
Indy 600 XCR	0961676	9913207	9913212	9913214	9913209
Indy 600 XCR SP	0965677	9913322	9913206	9913311	9913323
Indy RXL	0966768	9913205	9913203	9913204	9913201
Indy Ultra SP	0960678	9913094	9913708	9913707	9913194
Indy Ultra SKS	0960578	9913094	9913168	9913169	9913095
Indy Ultra RMK	0960978	9913094	9913168	9913169	9913183
Indy Storm	0965782	9913097	9913159	9913160	9913098
Indy Storm SKS	0965582	9913097	9913159	9913160	9913101
Indy Storm RMK	0965982	9913097	9913159	9913160	9913101

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Model	Model No.	Owner's Manual	Parts Manual	Parts Microfiche	Assembly Instructions
Indy Lite	0973433	9913748	9913827	9913828	9913749
Indy Lite Deluxe	0973431	9913748	9913827	9913828	9913750
Indy Lite GT	0973133	9913740	9913825	9913826	9913742
Indy Sport	0970443	9913688	9913767	9913768	9913687
Indy TranSport	0970143	9913696	9913829	9913830	9913697
Indy Sport Touring	0970243	9913699	9913767	9913768	9913702
Indy XCF	0971643	9913661	9913861	9913862	9913662
Indy Super Sport	0970761	9913763	9913764	9913765	9913766
Indy 440 LC	0972760	9913934	9913835	9913836	9913837
Indy 440 XC	0971760	9913755	9913787	9913788	9913754
Indy 440 XCR	0971660	9914006	9913789	9914472	9913791
Indy WideTrak GT	0972061	9913816	9913817	9913818	9913819
Indy WideTrak LX	0972065	9913821	9913822	9913823	9913824
Indy Trail	0972761	9913709	9913831	9913832	9913710
Indy Trail Touring	0972262	9913705	9913831	9913832	9913704
Indy Trail RMK	0970961	9913647	9913833	9913834	9913648
Indy 500	0972764	9913709	9913839	9913840	9913735
Indy 500 SKS	0972564	9913841	9913839	9913840	9913735
Indy 500 RMK	0972964	9913841	9913839	9913840	9913844
Indy Classic	0973865	9913845	9913846	9913847	9913848
Indy Classic Trg.	0973365	9913732	9913849	9913850	9913737
Indy 500 EFI	0973774	9913753	9913842	9913843	9913751
Indy XLT	0976756	9913713	9913769	9913770	9913714
Indy XLT SKS	0970556	9913761	9913769	9913770	9913762
Indy XLT RMK	0970956	9913761	9913769	9913770	9913771
Indy XLT SP	0976676	9913774	9913775	9913776	9913777
Indy XLT Touring	0973357	9913732	9913772	9913773	9913733
Indy XLT LTD	0973756	9913658	9913779	9913780	9913659
Indy XLT SP LTD	0973776	9913658	9914007	9914008	9913659
Indy 600 XC	0971776	9913755	9913793	9913794	9913758
Indy 600 XCR	0975677	9913795	9913796	9913797	9913798
Indy 600 XCR SE	H975677	9913795	9913796	9913797	9913798
Indy RXL	0976768	9913851	9913852	9913853	9913854
Indy Ultra	0976778	9913804	9913805	9913806	9913807
Indy Ultra SP	0970678	9913912	9913809	9913810	9913811
Indy Ultra SPX	0975678	9913801	9913953	9913954	9913802
Indy Ultra SPX SE	H975678	9913801	9913953	9913954	9913802
Indy Ultra Touring	0975378	9913812	9913813	9913814	9913815
Indy 700 SKS	0970566	9913856	9913857	9913858	9913859
Indy 700 RMK	0970966	9913856	9913857	9913858	9913859
Indy 700 XC	0971766	9914180	9914181	9914182	9914183
Indy Storm	0975782	9913781	9913782	9913783	9913784
Indy Storm SE	H975782	9913781	9913782	9913783	9913784
Indy Storm RMK	0975982	9913786	9913782	9913783	9913784

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Model	Model No.	Supplement to Owner's Manual	Parts Book	Parts Microfiche	Assembly Manual Addendum
Indy Lite	0983433	9914185	9914186	9914187	9914241
Indy Lite Deluxe	0983431	9914185	9914186	9914187	9914188
Indy Lite Trg.	0983133	9914185	9914193	9914194	9914195
Indy Sport	0980443	9914281	9914205	9914206	9914299
Indy TranSport	0980143	9914281	9914282	9914283	9914284
Indy Super Sport	0980761	9914281	9914287	9914288	9914289
Indy Sport Trg.	0980243	9914281	9914205	9914206	9914207
Indy XCF	0981643	9914281	9914277	9914278	9914279
Indy 440	0982760	9914257	9914272	9914273	9914274
Indy 440 XCR	0981660	9914371	9914590	9914591	9914592
Indy Trail	0982761	9914257	9914258	9914259	9914260
Indy Trail Trg.	0982362	9914257	9914231	9914232	9914233
Indy Trail RMK	0980961	9914281	9914221	9914222	9914223
Indy 500	0982764	9914257	9914210	9914211	9914212
Indy 500 Classic	0983865	9914257	9914362	9914363	9914364
Indy 500 RMK	0982964	9914257	9914263	9914264	9914265
Indy Classic Trg.	0983365	9914247	9914248	9914249	9914250
Indy WideTrak LX	0982065	9914387	9914388	9914389	9914390
Indy XLT LTD	0983756	9914302	9914303	9914304	9914305
Indy XLT Classic	0983857	9914302	9914226	9914227	9914228
Indy XLT SP	0985776	9914215	9914216	9914217	9914218
Indy XLT Trg.	0983357	9914302	9914253	9914254	9914255
Indy 600 XCR	0985677	9914339	9914316	9914317	9914318
Indy 700 XCR	0985678	9914339	9914311	9914312	9914313
Indy 600 RMK	0980958	9914371	9914463	9914464	9914465
Indy 700 RMK	0980966	9914371	9914372	9914373	9914374
Indy 600 XC	0981758	9914414	9914419	9914420	9914421
Indy 700 XC	0981766	9914414	9914415	9914416	9914417
Indy Storm	0985782	9914339	9914367	9914368	9914369
Indy Ultra	0986778	9914354	9914355	9914356	9914357
Indy Ultra Trg.	0985378	9914339	9914340	9914341	9914342

1998 Snowmobile Owner's Manual (All) - PN 9914617

1998 Snowmobile Dealer Assembly Manual - PN 9913911

1998 Snowmobile Dealer Assembly Manual Update - PN 9914643

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- S-94-04 1994 XCR 600 Piston Cracking, Fuel Pump Relocation, Carburetor Jetting
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- S-94-06 1995 XCR 440 Cylinder Head O-Rings leaking
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1996 Indy Ultra SP	I-96-04	Info	Bogging or Belt slippage
	I-96-01	Info	Main Harness/Brake Light Harness Position
	I-95-13	Info	Heavy Steering
	S-96-10	Service	Improved Clutch Alignment
	S-96-06	Safety	Coolant Tank Expansion
	S-95-22	Service	False Oil Level
	S-95-18	Service	Exhaust Thermal Sensing System
	S-95-17	Service	Low Oil Level In Water Pump Drive Gearcase
	S-95-10	Service	Kinked Oil Lines
	I-96-11	Info	Cracked Exhaust Pipes
	I-96-10	Info	Loose Wheel Lock Collars

GENERAL INFORMATION
Bulletin Index - 1996 By Model

1996 Model	Bulletin #	Type	Notes
1996 Indy Ultra SP, (cont.)	I-96-06	Info	Loose Front Torque Arm Bolts
	I-96-04	Info	Bogging or Belt slippage
	I-96-02	Info	Sharp Edge on Mounting Bracket
	I-95-13	Info	Heavy Steering
1996 Indy Ultra SKS	S-96-10	Service	Improved Clutch Alignment
	S-96-06	Safety	Coolant Tank Expansion
	S-95-22	Service	False Oil Level
	S-95-18	Service	Exhaust Thermal Sensing System
	S-95-10	Service	Kinked Oil Lines
	I-96-11	Info	Cracked Exhaust Pipes
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-04	Info	Bogging or Belt slippage
	I-96-02	Info	Sharp Edge on Mounting Bracket
	I-95-13	Info	Heavy Steering
	S-96-13	Service	Aluminum Ski Replacement Program
	S-96-10	Service	Improved Clutch Alignment
1996 Indy Ultra RMK	S-96-09	Service	Improved Running Quality & Snowmobility
	S-96-06	Safety	Coolant Tank Expansion
	S-95-22	Service	False Oil Level
	S-95-18	Service	Exhaust Thermal Sensing System
	S-95-10	Service	Kinked Oil Lines
	S-95-07	Service	Recoil Hub Cracking
	I-96-11	Info	Cracked Exhaust Pipes
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-08	Info	Improved High Elevation Performance
	I-96-05	Info	Optional Setup for Deep Snow Performance
	I-96-04	Info	Bogging or Belt slippage
	I-96-02	Info	Sharp Edge on Mounting Bracket
	I-95-15	Info	Improved Snowmobility In Deep Snow
	I-95-13	Info	Heavy Steering
	I-95-09	Info	Kinked Coolant Hose
	I-95-08	Info	Carb & Fuel Recommendations for High Alt.
	I-96-04	Info	Bogging or Belt Slippage
	I-95-13	Info	Heavy Steering
1996 RXL	S-96-10	Service	Improved Clutch Alignment
	S-96-06	Safety	Coolant Tank Expansion
1996 600 XCR SP	S-96-02	Service	Sharp Edge On Engine Mount
	S-95-22	Service	False Oil Level
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-09	Info	Improved Low End Performance-Low Alt.
	I-96-08	Info	Improved High Alt. Performance
	I-96-06	Info	Loose Front Torque Arm Bolts
	I-96-04	Info	Bogging or Belt slippage

GENERAL INFORMATION
Bulletin Index - 1996 By Model

1996 Model	Bulletin #	Type	Notes
1996 600 XCR SP (cont.)	I-96-02	Info	Sharp Edge on Mounting Bracket
	I-95-13	Info	Heavy Steering
	I-95-11	Info	Setup Recommendations
1996 600 XCR	I-96-12	Info	Extended Warranty on 1996 EC58PL Engines
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-06	Info	Loose Front Torque Arm Bolts
	I-96-04	Info	Bogging or Belt slippage
	I-96-03	Info	Restricted Coolant Filter
	I-95-13	Info	Heavy Steering
1996 Indy XLT RMK	S-96-13	Service	Aluminum Ski Replacement Program
	S-95-11	Service	Snow Skirts Cracking Around Mounting Boss
	I-96-12	Info	Extended Warranty on 1996 EC58PL Engines
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-05	Info	Optional Setup for Deep Snow Performance
	I-96-04	Info	Bogging or Belt slippage
	I-96-03	Info	Restricted Coolant Filter
	I-95-13	Info	Heavy Steering
	I-95-07	Info	19 Tooth Top Sprocket For Reverse Kit
1996 XLT SP	I-96-12	Info	Extended Warranty on 1996 EC58PL Engines
	I-96-04	Info	Bogging or Belt slippage
	I-96-03	Info	Restricted Coolant Filter
	I-95-13	Info	Heavy Steering
	I-95-03	Info	Wrong Octane Callout on Specification Decal
1996 XLT SKS	S-95-11	Service	Snow Skirts Cracking Around Mounting Boss
	I-96-12	Info	Extended Warranty on 1996 EC58PL Engines
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-04	Info	Bogging or Belt slippage
	I-96-03	Info	Restricted Coolant Filter
	I-95-13	Info	Heavy Steering
1996 XLT	I-96-12	Info	Extended Warranty on 1996 EC58PL Engines
	I-96-04	Info	Bogging or Belt slippage
	I-96-03	Info	Restricted Coolant Filter
	I-95-13	Info	Heavy Steering
	I-95-04	Info	Front Muffler Damper Installation Location
1996 XLT Touring	S-96-08	Service	Increased Rear Handwarmer Heat
	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	S-96-01	Service	Front Torque Arm Shaft Retention Kit
	I-96-13	Info	Slide Rail Beam Repair Kit
	I-96-12	Info	Extended Warranty on 1996 EC58PL Engines
	I-96-04	Info	Bogging or Belt slippage
	I-96-03	Info	Restricted Coolant Filter
	I-95-13	Info	Heavy Steering
	I-95-10	Info	Nut Sert™ Missing From Back Rest Bracket

GENERAL INFORMATION
Bulletin Index - 1996 By Model

1996 Model	Bulletin #	Type	Notes
1996 Indy Classic	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	I-96-14	Info	Oil In Fuel Pump Impulse Line
	I-96-07	Info	Hose Clamp Tab May Damage Coolant Line
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
1996 Classic Touring	S-96-08	Service	Increased Rear Handwarmer Heat
	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	S-96-01	Service	Front Torque Arm Shaft Retention Kit
	I-96-14	Info	Oil In Fuel Pump Impulse Line
	I-96-13	Info	Slide Rail Beam Repair Kit
	I-96-07	Info	Hose Clamp Tab May Damage Coolant Line
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
	I-95-10	Info	Nut Sert™ Missing From Back Rest Bracket
1996 Indy 500 RMK	S-96-13	Service	Aluminum Ski Replacement Program
	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	I-96-14	Info	Oil In Fuel Pump Impulse Line
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-07	Info	Hose Clamp Tab May Damage Coolant Line
	I-96-05	Info	Optional Setup for Deep Snow Performance
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
	I-95-07	Info	19 Tooth Top Sprocket Required For Reverse Kit
1996 Indy 500 EFI RMK	S-96-13	Service	Aluminum Ski Replacement Program
	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-05	Info	Optional Setup for Deep Snow Performance
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
1996 Indy 500 EFI/SKS (SKS Only)	I-95-07	Info	19 Tooth Top Sprocket Required For Reverse Kit
	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-04	Info	Bogging or Belt slippage
1996 Indy 500	I-95-13	Info	Heavy Steering
	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	I-96-14	Info	Oil In Fuel Pump Impulse Line
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-07	Info	Hose Clamp Tab May Damage Coolant Line
	I-96-06	Info	Loose Front Torque Arm Bolts
	I-96-04	Info	Bogging or Belt slippage
1996 Indy 500 SKS	I-95-13	Info	Heavy Steering
	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	I-96-14	Info	Oil In Fuel Pump Impulse Line

GENERAL INFORMATION
Bulletin Index - 1996 By Model

1996 Model	Bulletin #	Type	Notes
1996 Indy 500 SKS (cont.)	I-96-10	Info	Loose Wheel Lock Collars
	I-96-07	Info	Hose Clamp Tab May Damage Coolant Line
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
1996 Indy 440 XCR	I-96-10	Info	Loose Wheel Lock Collars
	I-96-06	Info	Loose Front Torque Arm Bolts
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
1996 Indy 440 XCR SP	S-95-20	Service	Loose Shock Eyelet On Fox Shocks
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-06	Info	Loose Front Torque Arm Bolts
	I-96-04	Info	Bogging or Belt slippage
	I-95-14	Info	Jetting and Clutching For Improved Perf.
	I-95-13	Info	Heavy Steering
	I-95-12	Info	Exhaust Pipe May Contact Hood
1996 Indy 440	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-14	Info	Oil In Fuel Pump Impulse Line
	I-96-06	Info	Loose Front Torque Arm Bolts
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
1996 Indy Widetrak GT/LX	S-95-12	Service	Handlebar Damage When Opening Hood
	I-96-04	Info	Bogging or Belt slippage
(LX Only)	I-96-14	Info	Oil In Fuel Pump Impulse Line
1996 Indy Trail	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-06	Info	Loose Front Torque Arm Bolts
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
1996 Indy Trail Touring	S-96-05	Safety	Handle Bar Welds Missing or Incomplete
	S-95-09	Service	Throttle Cable Ends May Be Reversed
	S-95-08	Service	Wrong Pinion Gear In Chaincase
	I-96-10	Info	Loose Wheel Lock Collars
	I-96-04	Info	Bogging or Belt slippage
	I-95-13	Info	Heavy Steering
1996 Indy Super Sport	I-96-10	Info	Loose Wheel Lock Collars
	I-96-06	Info	Loose Front Torque Arm Bolts
	I-95-13	Info	Heavy Steering
1996 Indy Sport Touring	S-95-11	Service	Snow Skirts Cracking Around Mounting Boss
	I-96-10	Info	Loose Wheel Lock Collars
	I-95-13	Info	Heavy Steering
1996 Sport and Lites	I-95-13	Info	Heavy Steering

GENERAL INFORMATION

Bulletin Index - 1997 By Model

1997 Model	Bulletin #	Type	Notes
1997 Storm / SE	S-96-18	Service	Coolant Check Valve / Filter Assembly Installed Incorrectly
1997 Storm RMK	S-96-18	Service	Coolant Check Valve / Filter Assembly Installed Incorrectly
1997 700 (SKS and RMK)	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure and Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer to S-97-05R</u>	
	S-97-02	Service	Coolant Hose May Contact Recoil Housing
	I-96-24	Info	Revised Oil Pump Bleeding Procedure
(RMK Only)	S-96-20	Service	Insufficient Clearance Between Exhaust Pipe and Hood
All 700s (XC/SKS/RMK)	I-96-29	Info	Carburetor Calibration Changes
	S-97-07	Service	Durability Improvement Kit for Oil Pump and CDI
1997 Ultra SPX/SE	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure and Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer to S-97-05R</u>	
1997 Ultra SP (Euro)	S-97-05R	Service	Pitman Arm Weld Failure and Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer to S-97-05R</u>	
	S-96-17	Service	Oil Supply Line May Kink Below Filter
1997 Ultra Touring	S-96-19	Service	Hood Interference With Reverse Cable
	S-96-15	Service	Aluminum Tape On Speedometer Cable May Contact Battery
	S-96-14	Service	Electric Start - Loose Starter Ring Gear Screws
1997 Ultra (Euro)	S-96-17	Service	Oil Supply Line May Kink Below Filter
1997 RXL			
1997 600 XCR / SE	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure and Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer to S-97-05R</u>	
1997 600 XC	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure and Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer to S-97-05R</u>	
1997 XLT RMK	S-96-21	Service	Rich Condition / Poor Fuel Economy
1997 XLT LTD / LTD SP	S-96-16	Service	Incorrect Main Jets Installed In Carburetors
1997 XLT Touring	S-96-14	Service	Electric Start - Loose Starter Ring Gear Screws
1997 XLT SP			
1997 XLT SKS			
1997 XLT			
1997 500 EFI			
1997 500 L/C			
1997 500 RMK	S-96-13	Service	Aluminum Ski Replacement Program
	S-96-12	Service	Incorrect Throttle Lever
1997 500 SKS			

GENERAL INFORMATION
Bulletin Index - 1997 By Model

1997 Model	Bulletin #	Type	Notes
1997 Classic	S-96-14	Service	Electric Start - Loose Starter Ring Gear Screws
1997 Classic Touring	S-96-14	Service	Electric Start - Loose Starter Ring Gear Screws
1997 Widetrak GT	S-97-03	Service	Transmission Not Engaging or Sticking In Gear
	S-96-23	Service	Transmission Oil Leaks / Hard To Shift
1997 Widetrak LX	S-97-03	Service	Transmission Not Engaging or Sticking In Gear
	S-96-23	Service	Transmission Oil Leaks / Hard To Shift
	S-96-14	Service	Electric Start - Loose Starter Ring Gear Screw
1997 440 XCR	S-97-06	Service	Engine Kit options
	S-97-01	Service	Cracked or Broken CDI Wires
	S-96-22	Service	Fuel Line And Water Trap Abrasion
1997 440 XC	S-97-04	<u>Safety Alert</u>	Pitman Arm Weld Failure
	S-96-11	Service	Front Track Shock Reservoir Clamps Installed Incorrectly
1997 440 L/C			
1997 XCF	S-97-04	<u>Safety Alert</u>	Pitman Arm Weld Failure
1997 Trail Touring	S-96-14	Service	Electric Start - Loose Starter Ring Gear Screws
1997 Trail			
1997 Sport			
1997 Super Sport			
1997 Sport Touring			
1997 Transport			
1997 Lite			
1997 Lite Deluxe	S-96-14	Service	Electric - Loose Starter Ring Gear Screws
1997 Lite GT			

GENERAL INFORMATION
Bulletin Index - 1998 By Model

1998 Model	Bulletin #	Type	Notes
Storm			
700 XC			
700 XCR	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure And Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer To S-97-05R</u>	
700 RMK	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure And Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer To S-97-05R</u>	
Ultra			
Ultra Touring			
600 XC			
600 XCR	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure And Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer To S-97-05R</u>	
600 RMK	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure And Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer To S-97-05R</u>	
XLT SP	S-97-05R	<u>Safety Alert</u>	Pitman Arm Weld Failure And Pitman Arm to Steering Rack Bolt Replacement
	S-97-05	<u>Safety Alert - Refer To S-97-05R</u>	
XLT Ltd			
XLT Classic			
XLT Touring			
500			
500 RMK			
Classic			
Classic Touring			
Widetrak LX			
Trail			
Trail Touring			
Trail RMK			
440			
440 XCR			
XCF			
Sport			
Super Sport			
Sport Touring			
Transport			
Lite			
Lite Deluxe			
Lite Touring			

Service Videos

<u>Part Number</u>	<u>Description</u>
9914394	Advanced Carburetion
9912776	Fuel System Diagnostics
9913987	Polaris Variable Transmissions
9914171	Customer Service
9912996	Magnum 4 Stroke Introduction
9913278	Charging System Diagnostics
9913533	Ignition System Diagnostics
9913684	Snowmobile Suspension Service

GENERAL INFORMATION

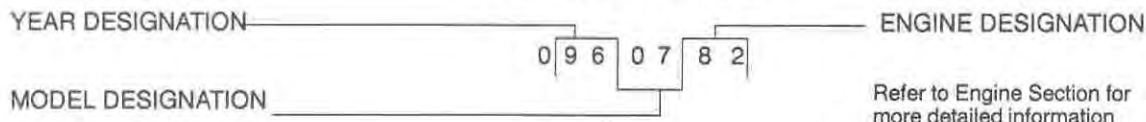
1996 Model Identification

SERIAL NUMBER IDENTIFICATION

The machine serial number may be used as an aid in identifying machine model year. Refer to the first digits in the serial number for proper identification:

FIRST DIGITS	MODEL YEAR
26	1996

1996 MODEL DESIGNATION



1996

MODEL DESIGNATION

NUMBERS (Chassis)

- 01 - Indy TranSport
- 02 - Indy Sport Touring
- 04 - Indy Sport
- 05 - Indy XLT SKS, Ultra SKS
- 06 - Indy Ultra SP
- 07 - Indy Super Sport, XLT, Storm
- 09 - Indy XLT RMK, Ultra RMK
- 16 - Indy 440 XCR, 600 XCR
- 20 - Indy WideTrak GT/LX
- 22 - Indy Trail Touring
- 25 - Indy 500 EFI SKS, 500 SKS
- 27 - Indy 440, Trail, 500
- 29 - Indy 500 RMK, 500 EFI RMK
- 31 - Indy Lite GT
- 33 - Indy Classic Touring, XLT Touring
- 34 - Indy Lite, Lite Deluxe
- 37 - Indy 500 EFI
- 38 - Indy Classic
- 55 - Indy Storm SKS
- 56 - Indy 600 XCR SP
- 57 - Indy Storm
- 59 - Indy Storm RMK
- 66 - Indy XLT SP
- 67 - Indy XLT, RXL

1996

ENGINE DESIGNATION

NUMBERS

- 33 - EC34-2PM02
- 43 - EC44-3PM01, PM02
- 60 - EC45PL07, PL08, PL06
- 61 - EC50PM03, PM04
- 62 - EC50PM04
- 56 - EC58PL03, PL07
- 57 - EC58PLE05
- 64 - EC50PL11, PL15, PLE12
- 65 - EC50PLE11, PL14
- 68 - EC65PL05
- 74 - EC50PL13
- 76 - EC58PL02
- 77 - EC59PL01
- 78 - EC68PL01, PL04
- 82 - EC80PL05, PL04
- 31 - EC34-2PME02

	MODEL NO.	MADE IN U.S.A.	POLARIS		PATENT NOTICE	
	V.I.N. NO.		Mfd. by Polaris Industries Inc., in Roseau, MN under one or more of the following patents:			
	THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL AND STATE REQUIREMENTS AND CANADA MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE.		U.S. Patents		Patented Canada	
	MFD. DATE:		3,805,511	3,813,810	5,050,559	882,491/71
		3,580,647	3,867,991	5,048,503	883,694/71	
		3,483,766	4,793,950	5,056,482	864,394/71	
		3,533,662	5,038,881	5,099,813	Canadian Rd.	
		3,545,821	5,172,675	5,074,271	34,573/71	
		3,805,510	5,090,386	5,191,531	34,572/71	
		3,525,412	5,050,564	3,813,811	1,227,823/87	
					7072133	

These numbers should be referred to in any correspondence regarding warranty, service or replacement parts.

The machine model and serial number identification decal is located on the right front side of the tunnel. The serial number is permanently stamped into the tunnel. The model number is embossed on the decal.

Whenever corresponding about an engine it is important that the engine model and serial numbers be called out. Laser engraved model and serial numbers are located on the crankcase (intake side).

GENERAL INFORMATION

1996 Model Identification

	Indy Lite	Indy Lite Deluxe	Indy Lite GT	Indy Sport
	0963433	0963431	0963133	0960443
Engine Type	Fan Twin	Fan Twin	Fan Twin	Fan Twin
Engine Model Number	EC34-2PM02	EC34-2PM02	EC34-2PM02	EC44-3PM01
Displacement (cc)	339	339	339	432
Bore x Stroke (mm)	62.3 x 55.6	62.3 x 55.6	62.3 x 55.6	67.72 x 60
Carburetion/Throttle Body	2 Mikuni VM30SS Slide	2 Mikuni VM30SS Slide	2 Mikuni VM30SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 150W	12V 150W	12V 150W	12V 200W
Length (in./cm.)	105/266.7	105/266.7	115/292.1	106.25/269.9
Width (in./cm.)	42.5/108	42.5/108	42.5/108	43.5/110.5
Height (in./cm.)	44/111.8	44/111.8	48/121.9	44/111.8
Ski Stance (in./cm.)	37/94	37/94	37/94	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	8/6.7/30.3	8/6.7/30.3	8/6.7/30.3	10.7/8.9/40.5
Recommended Fuel	87 Octane Min.	87 Octane Min.	87 Octane Min.	87 Octane Min.
Front Suspension	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	Standard	Standard	Standard	Standard
Brake Type	Mechanical Disc	Mechanical Disc	Mechanical Disc	Hydraulic Disc
Storage	Rear of Seat Top of Hood	Rear of Seat Top of Hood	Rear of Seat Top of Hood	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard	Standard	Standard
Tachometer	N/A	N/A	N/A	Option
Electric Fuel Gauge	N/A	N/A	N/A	Option
Accessory Lights	N/A	Oil/Acc	Oil/Acc	Oil/Brake Acc High Beam
Electric Start	Option	Standard	Option	Option
Handwarmers/Thumbwarmer	Option/Option	Single Heat/Std	Single Heat/Std	Single Heat/Std
Seat	Standard Lite	Standard Lite	2 Up Lite	Standard
Storage Rack	Option	Option	Standard	Option
Tow Hitch	Option	Option	Standard	Option

GENERAL INFORMATION

1996 Model Identification

	Indy TransPort	Indy Super Sport	Indy Sport Touring	Indy 440 LC
	0960143	0960743	0960243	0962760
Engine Type	Fan Twin	Fan Twin	Fan Twin	LC Twin
Engine Model Number	EC44-3PM01	EC44-3PM02	EC44-3PM01	EC45PL06
Displacement (cc)	432	432	432	432
Bore x Stroke (mm)	67.72 x 60	67.72 x 60	67.72 x 60	67.72 x 60
Carburetion/Throttle Body	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W	12V 200W	12V 200W	12V 200W
Length (in./cm.)	113/287	106.25/269.9	113/287	108/274.3
Width (in./cm.)	43.5/110.5	45.5/115.6	43.5/110.5	46.5/118.1
Height (in./cm.)	45/114.3	38.5/97.8	50/127	46/118.1
Ski Stance (in./cm.)	38/96.5	41/104.14	38/96.5	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	141/358.1	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Min.	88 Octane Min.	87 Octane Min.	87 Octane Min.
Front Suspension	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	Standard	XTRA 10	XTRA 10	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc
Storage	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Option	Standard	Option	Standard
Electric Fuel Gauge	Option	Option	Option	Option
Accessory Lights	Oil/Brake Acc High Beam	Oil/Brake Acc High Beam	Oil/Brake Acc High Beam	Oil/Brake Temp High Beam
Electric Start	Option	Option	Option	Option
Handwarmers/Thumbwarmer	Single Heat/Acc	Single Heat/Std	Single Heat/Acc	Hi-Lo/Std
Seat	2 Up	Standard	2 Up	Short
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1996 Model Identification

	Indy 440 XCR	Indy 440 XCR SP	Indy Trail	Indy Trail Touring
	0961660	0961760	0962761	0962262
Engine Type	LC Twin	LC Twin	Fan Twin	Fan Twin
Engine Model Number	EC45PL07	EC45PL08	EC50PM04	EC50PME04
Displacement (cc)	439	439	488	488
Bore x Stroke (mm)	68.25 x 60	68.25 x 60	72 x 60	72 x 60
Carburetion/Throttle Body	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W	12V 200W	12V 200W	12V 200W
Length (in./cm.)	109/276.8	109/276.8	114/289.5	122/309.8
Width (in./cm.)	46.5/118.1	46.5/118.1	46.5/118.1	46.5/118/1
Height (in./cm.)	38.5/97.8	TBA	46/116.8	48/121.9
Ski Stance (in./cm.)	41/104.14	41/104.14	41/104.14	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	121/307.3	133.5/339.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	9.5/8.9/40.5	9.5/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	91 Octane Min.	91 Octane Min.	87 Octane Min.	87 Octane Min.
Front Suspension	CRC	CRC	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	XTRA 10	XTRA 10	XTRA 10	XTRA 10
Brake Type	Liquid Cooled Hydraulic Disc	TBA	Hydraulic Disc	Hydraulic Disc
Storage	Rear of Seat	Rear of Seat	Rear of Seat Toolbox	Rear of Seat Toolbox
Speedometer	Standard	Option	Standard	Standard
Tachometer	Standard	Standard	Standard	Option
Electric Fuel Gauge	N/A	N/A	Option	Option
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake High Beam	Oil/Brake High Beam
Electric Start	Option	Option	Option	Standard
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	2 pc / Knee Pad	2 pc / Knee Pad	Long	2 Up
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1996 Model Identification

	Indy Classic	Indy Classic Touring	Indy 500	Indy 500 SKS Indy 500 RMK
	0963865	0963365	0962764	0962564 0962964
Engine Type Engine Model Number	LC Twin EC50PLE11	LC Twin EC50PL14	LC Twin EC50PL11	LC Twin EC50PL11 EC50PL15 RMK
Displacement (cc)	488	488	488	488
Bore x Stroke (mm)	72 x 60	72 x 60	72 x 60	72 x 60
Carburetion/Throttle Body	2 Mikuni VM38SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM38SS Slide	2 Mikuni VM38SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W	12V 200W	12V 200W	12V 200W
Length (in./cm.)	108/121.9	115/292.1	108/274.3	108/274.3
Width (in./cm.)	48/121.9	48/121.9	46.5/118.1	46.5/118.1
Height (in./cm.)	49.5/125.7	51.5/130.8	46/116.8	48/121.9
Ski Stance (in./cm.)	42.5/107.9	42.5/107.9	41/104.14	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	133.5/339.1	121/307.3	133.5/339.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Min.	87 Octane Min.	87 Octane Min.	87 Octane Min.
Front Suspension	IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	XTRA 12	XTRA 12	XTRA 10	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc HD Pads RMK
Storage	Rear of Seat Toolbox	Rear of Seat Toolbox	Rear of Seat Toolbox	Rear of Seat Toolbox
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Standard	Standard	Option	Option
Accessory Lights	Oil/Brake Temp High Beam	Oil/Brake Temp High Beam	Oil/Brake Temp High Beam	Oil/Brake Temp High Beam
Electric Start	Standard	Standard	Option	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Long	2 Up/Tour	Short	Long
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1996 Model Identification

	Indy 500 EFI	Indy 500 EFI SKS Indy 500 EFI RMK	Indy WideTrak LX	Indy WideTrak GT
	0963774	0962574 0962974	0962064	0962061
Engine Type Engine Model Number	LC Twin EC50PL13	LC Twin EC50PL13	LC Twin EC50PLE12	Fan Twin EC50PM03
Displacement (cc)	488	488	488	488
Bore x Stroke (mm)	72 x 60	72 x 60	72 x 60	72 x 60
Carburetion/Throttle Body	2 Throttle Body 46 mm	2 Throttle Body 46 mm	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 250W	12V 250W	12V 200W	12V 200W
Length (in./cm.)	108/274.3	108/274.3	128/325.1	121.5/308.6
Width (in./cm.)	48/121.9	46.5/118.1	43.5/110.5	43.5/110.5
Height (in./cm.)	49.5/125.7	48/121.9	49/124.5	49/124.5
Ski Stance (in./cm.)	42.5/107.9	41/104.14	38/96.5	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1	20/50.8	20/50.8
Track Length Overall (in./cm)	121/307.3	133.5/339.1	156/396.2	141/358.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10/8.3/38	10/8.3/37.8
Recommended Fuel	87 Octane Min.	87 Octane Min.	87 Octane Min.	88 Octane Min.
Front Suspension	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	XTRA 12	XTRA 10	Standard	Standard
Brake Type	Hydraulic Disc	Hydraulic Disc HD Pads RMK	Mechanical	Mechanical
Storage	Rear of Seat Toolbox	Rear of Seat Toolbox	Under Seat Storage Rack	Under Seat
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Option
Electric Fuel Gauge	Option	Option	N/A	N/A
Accessory Lights	Oil/Brake/Temp Batt High Beam	Oil/Brake/Temp Batt High Beam	Oil/Temp Rev High Beam	Rev/Acc Oil High Beam
Electric Start	Option	Option	Standard	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Single Heat/Std	Single Heat/Std
Seat	Long	Short	2 Up w/Riser	2 Up w/Riser
Storage Rack	Option	Option	Standard	Standard
Tow Hitch	Option	Option	Standard	Standard

GENERAL INFORMATION

1996 Model Identification

	Indy XLT	Indy XLT SP	Indy XLT SKS	Indy XLT RMK
	0966756	0966676	0960556	0960956
Engine Type Engine Model Number	LC Triple EC58PL03	LC Triple EC58PL02	LC Triple EC58PL03	LC Triple EC58PL07
Displacement (cc)	597	597	597	597
Bore x Stroke (mm)	65 x 60	65 x 60	65 x 60	65 x 60
Carburetion/Throttle Body	3 Mikuni VM34SS	3 Mikuni VM38SS	3 Mikuni VM34SS Slide	3 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 170W	12V 170W	12V 170W	12V 170W
Length (in./cm.)	108/274.3	106.25/269.9	113/287	113/287
Width (in./cm.)	48/121.9	48/121.9	46.5/118.1	43.5/110.4
Height (in./cm.)	48.5/123.1	48.5/123.1	44/111.8	44/111.8
Ski Stance (in./cm.)	42.5/107.9	42.5/107.9	41/104.14	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	133.5/339.1	133.5/339.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	88 Octane Min.	91 Octane Min.	88 Octane Min.	87 Octane Min.
Front Suspension	42.5 IFS	Non-Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	XTRA 12	XTRA 12	XTRA 10	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc
Storage	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Option	Option	Option	Option
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	Option	Option	Option	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Standard	Long	Long	Long
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION 1996 Model Identification

	Indy XLT Touring	Indy 600 XCR	Indy 600 XCR SP	Indy RXL
	0963357	0961676	0965677	0966768
Engine Type Engine Model Number	LC Triple EC58PLE05	LC Triple EC58PL02	LC Triple EC59PL01	LC Triple EC65PL05
Displacement (cc)	597	597	598	648
Bore x Stroke (mm)	65 x 60	65 x 60	62.5 x 65	67.72 x 60
Carburetion/Throttle Body	3 Mikuni VM34SS Slide	3 Mikuni VM38AL Slide	3 Mikuni VM38AL Slide	3 Throttle Body 46mm
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	Digital CDI	CDI
Alternator Output	12V 200W	12V 170W	12V 200W	12V 180W
Length (in./cm.)	115/292.1	109/276.8	109/276.8	106.25/269.9
Width (in./cm.)	48/121.9	46/116.8	46/116.8	48/121.9
Height (in./cm.)	51.5/130.8	38.5/97.7	44/111.7	48.5/123.1
Ski Stance (in./cm.)	42.5/107.9	41/104.14	41/104.14	42.5/107.9
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	133.5/339.1	121/307.3	121/307.3	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	9.5/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Min.	91 Octane Min.	91 Octane Min.	87 Octane Min.
Front Suspension	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Non-Parallel Link Trailing Arm IFS
Rear Suspension	XTRA 12	XTRA 10	XTRA 10	XTRA 12
Brake Type	Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox Under Hood	Rear of Seat	Rear of Seat Toolbox	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Standard	N/A	Option	Standard
Accessory Lights	Oil/Brake Temp High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	Standard	Option	N/A	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Option
Seat	2 Up Touring	2 pc Knee Pad	Mid, 1 pc, 121	Long
Storage Rack	Option	Option	N/A	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1996 Model Identification

	Indy Ultra SP	Indy Ultra SKS	Indy Ultra RMK	Indy Storm
	0960678	0960578	0960978	0965782
Engine Type Engine Model Number	LC Triple EC68PL01	LC Triple EC68PL01	LC Triple EC68PL04	LC Triple EC80PL05
Displacement (cc)	679	679	679	794
Bore x Stroke (mm)	66.6 x 65	66.6 x 65	66.6 x 65	72 x 65
Carburetion/Throttle Body	3 Mikuni VM38 Slide	3 Mikuni VM38 Slide	3 Mikuni VM38 Slide	3 Mikuni VM38SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	Digital CDI	Digital CDI	Digital CDI	Digital CDI
Alternator Output	12V 200W	12V 200W	12V 200W	12V 200W
Length (in./cm.)	108/274.3	114/289.5	114/289.5	108/274.3
Width (in./cm.)	46.5/118.1	41/104.14	43.5/110.4	46.5/118.1
Height (in./cm.)	38.5/97.7	46/116.8	46/116.8	44/111.7
Ski Stance (in./cm.)	41/104.14	41/104.14	38/96.5	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm)	121/307.3	133.5/339.1	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Min.	87 Octane Min.	87 Octane Min.	91 Octane Min.
Front Suspension	Parallel Link	Parallel Link	Parallel Link	41" IFS
Rear Suspension	XTRA 10	XTRA 10	XTRA 10	XTRA 10 HP
Brake Type	Liquid Cooled Hydraulic Disc	Hydraulic	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Option	Option	Option	Option
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	N/A	N/A	N/A	N/A
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std Hi-Lo
Seat	Standard	Long	Long	Sculpt, Mid 121
Storage Rack	Option	Option	Option	N/A
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION
1996 Model Identification

	Indy Storm SKS	Indy Storm RMK
	0965582	0965982
Engine Type	LC Triple	LC Triple
Engine Model Number	EC80PL05	EC80PL04
Displacement (cc)	794	794
Bore x Stroke (mm)	72 x 65	72 x 65
Carburetion/Throttle Body	3 Mikuni VM38SS Slide	3 Mikuni VM38SS Slide
Oil Injected	Standard	Standard
Ignition	Digital CDI	Digital CDI
Alternator Output	12V 200W	12V 200W
Length (in./cm.)	114/289.5	114/289.5
Width (in./cm.)	46.5/118.1	46.5/118.1
Height (in./cm.)	44/111.8	44/111.8
Ski Stance (in./cm.)	41/104.14	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1
Track Length Overall (in./cm.)	133.5/339.1	133.5/339.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	91 Octane Min.	91 Octane Min.
Front Suspension	41" IFS	38" IFS
Rear Suspension	XTRA 10 HP	XTRA 10
Brake Type	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard
Tachometer	Standard	Standard
Electric Fuel Gauge	Option	Option
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	N/A	N/A
Handwarmers/Thumbwarmer	Hi-Lo/Std Hi-Lo	Hi-Lo/Std Hi-Lo
Seat	Sculpt, Mid, 133	Sculpt, Mid, 133
Storage Rack	N/A	N/A
Tow Hitch	Option	Option

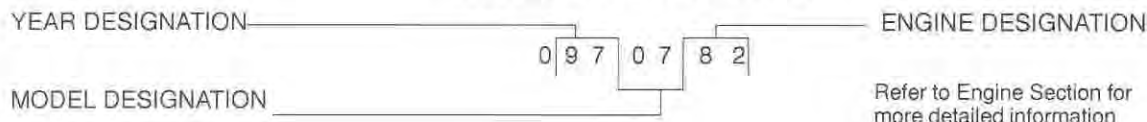
GENERAL INFORMATION 1997 Model Identification

SERIAL NUMBER IDENTIFICATION

The machine serial number may be used as an aid in identifying machine model year. Refer to the first digits in the serial number for proper identification:

FIRST DIGITS	MODEL YEAR
31	1997

1997 MODEL DESIGNATION



1997
MODEL DESIGNATION
NUMBERS (Chassis)
01 - Indy TranSport
02 - Indy Sport Touring
04 - Indy Sport
05 - Indy XLT SKS, 700 SKS
06 - Indy Ultra SP
07 - Indy Super Sport, XLT,
09 - Indy Trail RMK, XLT RMK, 700 RMK
16 - Indy XCF, 440 XCR
17 - Indy 440 XC, 600 XC
20 - Indy WideTrak GT/LX
22 - Indy Trail Touring
25 - Indy 500 SKS
27 - Indy 440, Trail, 500
29 - Indy 500 RMK
31 - Indy Lite GT
33 - Indy Classic Touring, XLT Touring
34 - Indy Lite, Lite Deluxe
37 - Indy 500 EFI, XLT LTD
38 - Indy Classic
53 - Ultra Touring
56 - Indy 600 XCR, 600 XCR SE
57 - Indy Storm, Storm SE
59 - Indy Storm RMK
66 - Indy XLT SP
67 - Indy RXL, Ultra

1997
ENGINE DESIGNATION
NUMBERS
31 - EC34-2PME02
33 - EC34-2PM02
43 - EC44-3PM02
56 - EC58PL03, PL05, PL07
57 - EC58PL09
60 - EC45PL08, PL09
61 - EC50PM03, PM04, PM05, PM06
64 - EC50PL16, PL17
65 - EC50PL19, PL20
66 - SN70LCDCSP-01, SP-02
68 - EC65PL05
73 - EC50PL18
76 - EC58PL08, PL12
77 - EC59PL01
78 - EC68PL01, PL03
82 - EC80PL04, PL05

	MODEL NO.	MADE IN U.S.A.	POLARIS		PATENT NOTICE	
	V.I.N. NO.		Mfd. by Polaris Industries Inc., in Roseau, MN under one or more of the following patents:			
	THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL AND STATE REQUIREMENTS AND CANADA MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE.		U.S. Patents		Patented Canada	
		MFD. DATE:		3,605,511 3,580,647 3,483,766 3,533,662 3,545,821 3,605,510 3,525,412	3,613,810 3,887,991 4,793,950 5,038,881 5,172,675 5,090,386 5,050,564	5,050,559 5,048,503 5,056,482 5,099,813 5,074,271 5,191,531 3,613,811

These numbers should be referred to in any correspondence regarding warranty, service or replacement parts.

The machine model and serial number identification decal is located on the right front side of the tunnel. The serial number is permanently stamped into the tunnel. The model number is embossed on the decal.

Whenever corresponding about an engine it is important that the engine model and serial numbers be called out. Laser engraved model and serial numbers are located on the crankcase (intake side).

GENERAL INFORMATION

1997 Model Identification

	Indy Lite	Indy Lite Deluxe	Indy Lite GT	Indy Sport
	0973433	0973431	0973133	0970443
Engine Type	Fan Twin	Fan Twin	Fan Twin	Fan Twin
Engine Model Number	EC34-2PM02	EC34-2PM02	EC34-2PM02	EC44-3PM01
Displacement (cc)	339	339	339	432
Bore x Stroke (mm)	62.3 x 55.6	62.3 x 55.6	62.3 x 55.6	67.72 x 60
Carburetion/Throttle Body	2 Mikuni VM30SS Slide	2 Mikuni VM30SS Slide	2 Mikuni VM30SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 150W	12V 150W	12V 150W	12V 200W
Length (in./cm.)	105/266.7	105/266.7	115/292.1	108/274.3
Width (in./cm.)	42.5/108	42.5/108	42.5/108	43.5/110.5
Height (in./cm.)	44/111.8	44/111.8	48/121.9	44/111.8
Ski Center Distance (in./cm.)	37/94	37/94	37/94	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	8/6.7/30.3	8/6.7/30.3	8/6.7/30.3	10.7/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	X-Lite	Xd-Lite	Standard	X-Lite
Brake Type	Mechanical Disc	Mechanical Disc	Mechanical Disc	Hydraulic Disc
Storage	Rear of Seat Top of Hood	Rear of Seat Top of Hood	Rear of Seat Top of Hood	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard	Standard	Standard
Tachometer	N/A	N/A	N/A	Option
Electric Fuel Gauge	N/A	N/A	N/A	Option
Accessory Lights	N/A	Oil/Acc	Oil/Acc	Oil/Brake Acc High Beam
Electric Start	Option	Standard	Option	Option
Handwarmers/Thumbwarmer	Option/Option	Single Heat/Std	Single Heat/Std	Single Heat/Std
Seat	Standard Lite	Standard Lite	2 Up Lite	Standard
Storage Rack	Option	Option	Standard	Option
Tow Hitch	Option	Option	Standard	Option

GENERAL INFORMATION

1997 Model Identification

	Indy TransPort	Indy Super Sport	Indy Sport Touring	Indy 440 LC
	0970143	0970761	0970243	0972760
Engine Type	Fan Twin	Fan Twin	Fan Twin	LC Twin
Engine Model Number	EC44-3PM02	EC50PM06	EC44-3PM02	EC45PL09
Displacement (cc)	432	488	432	432
Bore x Stroke (mm)	67.72 x 60	72 x 60	67.72 x 60	67.72 x 60
Carburetion/Throttle Body	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W	12V 200W	12V 200W	12V 200W 2P
Length (in./cm.)	117/297.2	108/274.3	117/297.2	108/274.3
Width (in./cm.)	43.5/110.5	46.5/118.1	43.5/110.5	46.5/118.1
Height (in./cm.)	48/121.9	38.5/97.8	48/121.9	47.5/120.7
Ski Center Distance (in./cm.)	38/96.5	41/104.14	38/96.5	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	141/358.1	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	IFS
Rear Suspension	Standard	XTRA 10	XTRA 10	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc
Storage	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Under Hood
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Option	Standard	Option	Standard
Electric Fuel Gauge	Option	Option	Option	Option
Accessory Lights	Oil/Brake Acc High Beam	Oil/Brake Acc High Beam	Oil/Brake Acc High Beam	Oil/Brake Temp High Beam
Electric Start	Option	Option	Option	Option
Handwarmers/Thumbwarmer	Single Heat/Std	Single Heat/Std	Single Heat/Acc	Hi-Lo/Std
Seat	2 Up	Standard	2 Up	Short
Storage Rack	Option	Option	Option	Option
Tow Hitch	Std	Option	Option	Option

GENERAL INFORMATION 1997 Model Identification

	Indy XCF	Indy 440 XC	Indy Trail	Indy Trail Touring
	0971643	0971760	0972761	0972262
Engine Type	Fan Twin	LC Twin	Fan Twin	Fan Twin
Engine Model Number	EC44-CPM02	EC45PL08	EC50PM04	EC50PME04
Displacement (cc)	432	438	488	488
Bore x Stroke (mm)	67.72x60	68.19 x 60	72 x 60	72 x 60
Carburetion/Throttle Body	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W	12V 200W 2P	12V 200W 2P	12V 200W 2P
Length (in./cm.)	108/274.3	108/274.3	108/274.3	114/289.6
Width (in./cm.)	46.5/118.1	46.5/118.1	46.5/118.1	46.5/118/1
Height (in./cm.)	38.5/97.8	38.5/97.8	47.5/120.7	48/121.9
Ski Center Distance (in./cm.)	41/104.1	41/104.14	41/104.14	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	121/307.3	133.5/339.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	9.5/8.9/40.5	9.5/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	CRC	CRC	IFS	IFS
Rear Suspension	XTRA 10	XTRA 10	XTRA 10	XTRA 10
Brake Type	Vented Hydraulic Disc	Liquid Cooled Hydraulic Disc	Hydraulic Disc	Hydraulic Disc
Storage	Rear Seat	Rear of Seat	Rear of Seat Toolbox Under Hood	Rear of Seat Toolbox Under Hood
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Option
Electric Fuel Gauge	Option	N/A	Option	Option
Accessory Lights	Oil/Brake Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake High Beam	Oil/Brake High Beam
Electric Start	Option	Option	Option	Standard
Handwarmers/Thumbwarmer	Single Heat/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	2 Pc	2 pc / Knee Pad	Long	2 Up
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1997 Model Identification

	Indy Trail RMK	Indy Classic	Indy Classic Touring	Indy 500
	0970961	0973865	0973365	0972764
Engine Type Engine Model Number	Fan Twin EC50PM05	LC Twin EC50PL17	LC Twin EC50PL19	LC Twin EC50PL17
Displacement (cc)	488	488	488	488
Bore x Stroke (mm)	72x60	72 x 60	72 x 60	72 x 60
Carburetion/Throttle Body	2Mikuni/ACCS VM34SS Slide	2 Mikuni VM38SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM38SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W 2P	12V 200W 2P	12V 200W 2P	12V 200W 2P
Length (in./cm.)	114/289.6	108/121.9	115/292.1	108/274.3
Width (in./cm.)	43.5/110.5	48/121.9	48/121.9	46.5/118.1
Height (in./cm.)	46/116.8	49.5/125.7	51.5/130.8	41/104.14
Ski Center Distance (in./cm.)	38/96.5	42.5/107.9	42.5/107.9	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	133.5/339.1	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	Parallel Link Trailing Arm IFS	IFS	IFS	IFS
Rear Suspension	XTRA 10	XTRA 12	XTRA 12	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc
Storage	Rear Seat/Toolbox	Rear of Seat Toolbox	Rear of Seat Toolbox	Rear of Seat Toolbox
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Option	Standard	Standard	Option
Accessory Lights	Oil/Brake Acc High Beam	Oil/Brake Temp High Beam	Oil/Brake Temp High Beam	Oil/Brake Temp High Beam
Electric Start	Option	Standard	Standard	Option
Handwarmers/Thumbwarmer	Single Heat/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Long/RMK	Long	2 Up/Tour	Short
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1997 Model Identification

	Indy 500 SKS Indy 500 RMK	Indy 500 EFI	Indy WideTrak LX	Indy WideTrak GT
	0972564 0972964	0973774	0972065	0972061
Engine Type Engine Model Number	LC Twin EC50PL17 EC50PL16 RMK	LC Twin EC50PL18	LC Twin EC50PLE12	Fan Twin EC50PM03
Displacement (cc)	488	488	488	488
Bore x Stroke (mm)	72 x 60	72 x 60	72 x 60	72 x 60
Carburetion/Throttle Body	2 Mikuni VM38SS Slide 2 Mikuni/ACCS/RMK VM34SS Slide/ RMK	2 Throttle Body 46 mm	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W 2P	130 AC/125 DC 2P	12V 200W	12V 200W
Length (in./cm.)	114/289.6	108/274.3	128/325.1	122/309.9
Width (in./cm.)	46.5/118.1 43.5/110.5/RMK	48/121.9	43.5/110.5	43.5/110.5
Height (in./cm.)	48/121.9	49.5/125.7	49/124.5	49/124.5
Ski Center Distance (in./cm.)	38/96.5	42.5/107.9	38/96.5	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1	20/50.8	20/50.8
Track Length Overall (in./cm)	133.5/339.1	121/307.3	156/396.2	141/358.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10/8.3/38	10/8.3/37.8
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	IFS	IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	XTRA 10	XTRA 12	WideTrak Single Slide Rail	WideTrak Single Slide Rail
Brake Type	Hydraulic Disc HD Pads RMK	Hydraulic Disc	Mechanical	Mechanical
Storage	Rear of Seat Toolbox	Rear of Seat Toolbox	Under Seat	Under Seat
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Option
Electric Fuel Gauge	Option	Option	N/A	N/A
Accessory Lights	Oil/Brake Temp High Beam	Oil/Brake/Temp Batt High Beam	Oil/Temp Rev High Beam	Rev/Acc Oil High Beam
Electric Start	Option	Option	Standard	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Single Heat/Std	Single Heat/Std
Seat	Long	Long	2 Up w/Riser	2 Up w/Riser
Storage Rack	Option	Option	Standard	Standard
Tow Hitch	Option	Option	Standard	Standard

GENERAL INFORMATION

1997 Model Identification

	Indy XLT	Indy XLT SP	Indy XLT SKS	Indy XLT RMK
	0976756	0976676	0970556	0970956
Engine Type	LC Triple	LC Triple	LC Triple	LC Triple
Engine Model Number	EC58PL03	EC58PL12	EC58PL03	EC58PL07
Displacement (cc)	597	597	597	597
Bore x Stroke (mm)	65 x 60	65 x 60	65 x 60	65 x 60
Carburetion/Throttle Body	3 Mikuni VM34SS	3 Mikuni VM38SS	3 Mikuni VM34SS Slide	3 Mikuni VM34SS Slide/ACCS
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 170W	12V 200W	12V 170W	12V 170W
Length (in./cm.)	108/274.3	108/274.3	114/289.6	114/289.6
Width (in./cm.)	46.5/118.11	48/121.9	46.5/118.1	43.5/110.4
Height (in./cm.)	46/116.8	48.5/123.1	46/116.8	4/116.8
Ski Center Distance (in./cm.)	41/104.14	42.5/107.9	41/104.14	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	133.5/339.1	133.5/339.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	42.5 IFS	Non-Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS	Parallel Link Trailing Arm IFS
Rear Suspension	XTRA 10	XTRA 12	XTRA 10	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc
Storage	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Option	Option	Option	Option
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	Option	Option	Option	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Standard	Long	Long	Long
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION 1997 Model Identification

	Indy XLT Touring	Indy XLT LTD	Indy XLT LTD SP	Indy 600 XC
	0973357	0973756	0973776	0971776
Engine Type Engine Model Number	LC Triple EC58PL09	LC Triple EC58PL09	LC Triple EC58PL12	LC Triple EC58PL08
Displacement (cc)	597	597	597	597
Bore x Stroke (mm)	65 x 60	65x60	65x60	65 x 60
Carburetion/Throttle Body	3 Mikuni VM34SS Slide	3 Mikuni VM34CS Slide	3 Mikuni VM38SS	3 Mikuni VM38SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W 6P	12V 200W 6P	12V 200W 6P	12V 170W 6P
Length (in./cm.)	115/292.1	108/274.3	108/274.3	108/274.3
Width (in./cm.)	48/121.9	48/121.9	48/121.9	46.5/118.11
Height (in./cm.)	51.5/130.8	49.5/125.7	49.5/125.7	38.5/97.7
Ski Center Distance (in./cm.)	42.5/107.9	42.5/108	42.5/108	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	133.5/339.1	121/307.3	121/307.3	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	9.5/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	IFS	IFS	IFS	CRC
Rear Suspension	XTRA 12	XTRA 12	XTRA 12	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox Under Hood	Rear Seat/Toolbox	Rear Seat/Toolbox	Rear of Seat
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Standard	Option	Option	N/A
Accessory Lights	Oil/Brake Temp High Beam	Oil/Brake Acc High Beam	Oil/Brake Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	Standard	Option	Option	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	2 Up Touring	Long	Long	2 pc Knee Pad
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1997 Model Identification

	Indy 600 XCR	Indy 600 XCR SE	Indy RXL	Indy Ultra
	0975677	H975677	0976768	0976778
Engine Type Engine Model Number	LC Triple EC59PL01	LC Triple EC59PL01	LC Triple EC65PL05	LC Triple EC68PL01
Displacement (cc)	597	597	648	679
Bore x Stroke (mm)	62.5 x 65	62.5 x 65	67.72 x 60	66.6 x 65
Carburetion/Throttle Body	3 Mikuni VM38AL Slide	3 Mikuni VM38AL Slide	3 Throttle Body 46mm	3 Mikuni VM38AL Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	Digital CDI	Digital CDI	CDI	Digital CDI
Alternator Output	12V 200W	12V 200W	12V 180W	12V 200W
Length (in./cm.)	109/276.8	109/276.8	106.25/269.9	108/274.3
Width (in./cm.)	46.5/118.11	46.5/118.11	48/121.9	48/121.9
Height (in./cm.)	44/111.7	44/111.7	48.5/123.1	48.5/123.2
Ski Center Distance (in./cm.)	41/104.14	41/104.14	42.5/107.9	42.5/108
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm)	121/307.3	121/307.3	121/307.3	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	91 Octane Min.	91 Octane Min.	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	Parallel Link IFS	Parallel Link IFS	Non-Parallel Link Trailing Arm IFS	Parallel Link IFS
Rear Suspension	XTRA 10	XTRA 10	XTRA 12	XTRA 12
Brake Type	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox	Rear of Seat Toolbox	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Option	Option	Standard	Option
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	N/A	N/A	Option	N/A
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Mid, 1 pc, 121	Mid, 1 pc, 121	Long	Standard
Storage Rack	N/A	N/A	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION 1997 Model Identification

	Indy Ultra SP	Indy Ultra SPX	Indy Ultra SPX SE	Indy Ultra Touring
	0970678	0975678	H975678	0975378
Engine Type Engine Model Number	LC Triple EC68PL01	LC Triple EC68PL03	LC Triple EC68PL03	LC Triple EC68PL01
Displacement (cc)	679	679	679	679
Bore x Stroke (mm)	66.6 x 65	65x60	65x60	66.6 x 65
Carburetion/Throttle Body	3 Mikuni VM38AL Slide	3 Mikuni VM38AL Slide	3 Mikuni VM38AL Slide	3 Mikuni VM38AL Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	Digital CDI	Digital CDI	Digital CDI	Digital CDI
Alternator Output	12V 200W	12V 170W	12V 170W	12V 200W
Length (in./cm.)	108/274.3	109/276.9	109/276.9	115/292.1
Width (in./cm.)	46.5/118.1	46.5/118.1	46.5/118.1	48/121.9
Height (in./cm.)	47.5/120.7	44/111.8	44/111.8	47/119.4
Ski Center Distance (in./cm.)	41/104.14	41/104.14	41/104.14	42.5/108
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	121/307.3	133.5/339.1
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	91 Octane Min.	91 Octane Min.	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	Parallel Link IFS, CRC	CRC	CRC	Parallel Link IFS
Rear Suspension	XTRA 10	XTRA 10	XTRA 10	XTRA 12
Brake Type	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Option	N/A	N/A	Option
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	N/A	Option	Option	N/A
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Standard	2-Pc/Knee Pad	2-Pc/Knee Pad	Standard
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1997 Model Identification

	Indy 700 XC	Indy 700 SKS	Indy 700 RMK
	0971766	0970566	0970966
Engine Type	LC Twin	LC Twin	LC Twin
Engine Model Number	SN70-LCDCSP-01	SN70-LCDCSP-01	SN70-LCDCSP-02
Displacement (cc)	700	700	700
Bore x Stroke (mm)	81x68	81x68	81x68
Carburetion/Throttle Body	2 Keihin 2-38MM D Slide	2 Keihin 2-38MM D Slide	2 Keihin 2-38MM D Slide
Oil Injected	Standard	Standard	Standard
Ignition	Digital CDI	Digital CDI	Digital CDI
Alternator Output	12V 280W	12V 280W	12V 280W
Length (in./cm.)	109/276.9	116/294.6	116/294.6
Width (in./cm.)	46.5/118.1	46.5/118.1	43.5/110.5
Height (in./cm.)	38.5/97.8	46/116.8	46/116.8
Ski Center Distance (in./cm.)	41/104.14	41/104.14	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	136/345.4	136/345.4
Fuel Capacity (U.S. gas./Imp. gal./liters)	9.5/7.9/35.9	10.7/8.9/40.5	10.7/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	XC-10 CRC IFS	Parallel Link CRC IFS	Parallel Link CRC IFS
Rear Suspension	XTRA 10	XTRA 10	XTRA 10
Brake Type	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox	Rear of Seat Toolbox	Rear of Seat Toolbox
Speedometer	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard
Electric Fuel Gauge	Option	Option	Option
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	Option	Option	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Long	Long	Long
Storage Rack	Option	Option	Option
Tow Hitch	Option	Option	Option

GENERAL INFORMATION

1997 Model Identification

	Indy Storm	Indy Storm SE	Indy Storm RMK	Indy 440 XCR
	0975782	H975782	0975982	0971660
Engine Type	LC Triple	LC Triple	LC Triple	LC Twin
Engine Model Number	EC80PL05	EC80PL05	EC80PL04	SN44LCDCSP-01
Displacement (cc)	794	794	794	439
Bore x Stroke (mm)	72 x 65	72 x 65	72 x 65	68.25 x 60
Carburetion/Throttle Body	3 Mikuni VM38SS Slide	3 Mikuni VM38SS Slide	3 Mikuni VM38SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	Digital CDI	Digital CDI	Digital CDI	Digital CDI
Alternator Output	12V 200W	12V 200W	12V 200W	12V 200W 2P
Length (in./cm.)	109/276.9	109/276.9	115/292.1	109/276.9
Width (in./cm.)	46.5/118.1	46.5/118.1	46.5/118.1	46.5/118.1
Height (in./cm.)	44/111.7	44/111.7	49/124.5	38.5/97.8
Ski Center Distance (in./cm.)	41/104.14	41/104.14	38/96.5	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.7/8.9/40.5	10.7/8.9/40.5	10.7/8.9/40.5	9.5/7.9/35.9
Recommended Fuel	91 Octane Min.	91 Octane Min.	91 Octane Minimum	91 Octane Minimum
Front Suspension	41" IFS	41" IFS	38" IFS	XC-10 CRC
Rear Suspension	XTRA 10 HP	XTRA 10 HP	XTRA 10 LWT	XTRA 10
Brake Type	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc 5/8 Piston (Mast Cyl)
Storage	Rear of Seat Toolbox	Rear of Seat Toolbox	Rear of Seat Toolbox	Rear of Seat
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Option	Option	Option	N/A
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	N/A	N/A	N/A	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std Hi-Lo	Hi-Lo/Std Hi-Lo	Hi-Lo/Std Hi-Lo	Hi-Lo/Std
Seat	Sculpt, Mid 121	Sculpt, Mid 121	Sculpt, Mid, 133	2 pc / Knee Pad
Storage Rack	N/A	N/A	N/A	N/A
Tow Hitch	Option	Option	Option	N/A

GENERAL INFORMATION

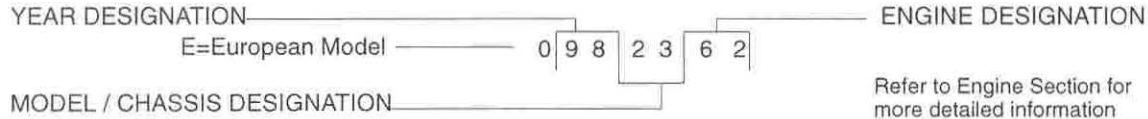
1998 Model Identification

SERIAL NUMBER IDENTIFICATION

The machine serial number may be used as an aid in identifying machine model year. Refer to the first digits in the serial number for proper identification:

FIRST DIGITS	MODEL YEAR
33	1998

1998 MODEL DESIGNATION



1998

MODEL DESIGNATION

NUMBERS (Chassis)

- 01 - Indy TranSport
- 02 - Indy Sport Touring
- 04 - Indy Sport
- 07 - Indy Super Sport
- 09 - Indy Trail RMK, 600 RMK, 700 RMK
- 16 - Indy XCF, 440 XCR
- 17 - Indy 600 XC, 700 XC
- 20 - Indy WideTrak LX
- 23 - Indy Trail Touring
- 27 - Indy 440, Trail, 500
- 29 - Indy 500 RMK
- 31 - Indy Lite Touring
- 33 - Indy Classic Touring, XLT Touring
- 34 - Indy Lite, Lite Deluxe
- 37 - XLT LTD
- 38 - Indy 500 Classic, XLT Classic,
- 53 - Ultra Touring
- 56 - Indy 600 XCR, 700 XCR
- 57 - Indy Storm, XLT SP
- 67 - Indy Ultra

1998

ENGINE DESIGNATION

NUMBERS

- 31 - EC34-2PM02A
- 33 - EC34-2PM02A
- 43 - EC44-3PM024
- 56 - EC58PL130
- 57 - EC58PL130, EC58PL150
- 58 - SN60-70LCDCSP-01 / 02
- 60 - SN44-44LCDCSP-01 / EC45PL091
- 61 - EC50PM043, EC50PM051, EC50PM061
- 62 - EC50PM043 (-S)
- 64 - EC50PL161, EC50PL171
- 65 - EC50PL171, EC50PL191, EC50PL201
- 66 - SN70-70LCDCSP-01 / SN70-70LCDCSP-02
- 68 - SN60-70LCDCSP-01
- 76 - EC58PL140
- 77 - EC59PL020
- 78 - EC68PL050, EC68PL060
- 82 - EC80PL052

	MODEL NO. _____	MADE IN U.S.A. _____	POLARIS Mfd. by Polaris Industries Inc., in Roseau, MN under one or more of the following patents:		PATENT NOTICE Patented Canada 882,491/71 883,694/71 864,394/71 Canadian Rd. 34,573/71 34,572/71 1,227,823/87 7072133	
	V.I.N. NO. _____	THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S. FEDERAL AND STATE REQUIREMENTS AND CANADA MOTOR VEHICLE SAFETY STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE.				
	MFD. DATE: _____	U.S. Patents 3,605,511 3,613,810 5,050,559 3,580,647 3,867,991 5,048,503 3,483,766 4,793,950 5,056,482 3,533,662 5,038,881 5,099,813 3,545,821 5,172,675 5,074,271 3,605,510 5,090,386 5,191,531 3,525,412 5,050,564 3,613,811				

These numbers should be referred to in any correspondence regarding warranty, service or replacement parts.

The machine model and serial number identification decal is located on the right front side of the tunnel. The serial number is permanently stamped into the tunnel. The model number is embossed on the decal.

Whenever corresponding about an engine it is important that the engine model and serial numbers be called out. Laser engraved model and serial numbers are located on the crankcase (intake side).

GENERAL INFORMATION
1998 Model Identification

1998 Model	Indy Lite	Indy Lite Deluxe	Indy Lite Touring	Indy Sport
	0983433	0983431	0983133	0980443
Engine Type Engine Model Number	Fan Twin EC34-2PM02A	Fan Twin EC34-2PM02A	Fan Twin EC34-2PM02A	Fan Twin EC44-3PM024
Displacement (cc)	339	339	339	432
Bore x Stroke (mm)	62.3 x 55.6	62.3 x 55.6	62.3 x 55.6	67.72 x 60
Carburetion/Throttle Body	2 Mikuni VM30SS Slide	2 Mikuni VM30SS Slide	2 Mikuni VM30SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 150W	12V 150W	12V 150W	12V 200W
Length (in./cm.)	105/266.7	105/266.7	115/292.1	108/274.3
Width (in./cm.)	42.5/108	42.5/108	42.5/108	43.5/110.5
Height (in./cm.)	44/111.8	44/111.8	48/121.9	44/111.8
Ski Center Distance (in./cm.)	37/94	37/94	37/94	38/96.5
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	8.8/7.3/33.3	8.8/7.3/33.3	8.8/7.3/33.3	10.7/8.9/40.5
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	IFS-38	IFS-38	IFS-38	IFS-38
Rear Suspension	XTRA-Lite	XTRA-Lite	XTRA-Lite	XTRA-Lite
Brake Type	Mechanical Disc	Mechanical Disc	Mechanical Disc	Hydraulic Disc
Storage	Rear of Seat Top of Hood	Rear of Seat Top of Hood	Rear of Seat Top of Hood	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard	Standard	Standard
Tachometer	N/A	N/A	N/A	Option
Reverse	Accessory	Accessory	Accessory	Accessory
Electric Fuel Gauge	N/A	N/A	N/A	Option
Accessory Lights	N/A	Oil/Acc	Oil/Acc	Oil/Brake Acc High Beam
Electric Start	Option	Standard	Option	Option
Handwarmers/Thumbwarmer	Option/Option	Single Heat/Std	Single Heat/Std	Single Heat/Std
Seat	Standard Lite	Standard Lite	2 Up Lite	Standard
Storage Rack	Option	Option	Standard	Option
Tow Hitch	Option	Option	Standard	Option

GENERAL INFORMATION

1998 Model Identification

1998 Model	Indy TranSport	Indy Sport Touring	Indy XCF	Indy 440 LC
	0980143	0980243	0981643	0982760
Engine Type Engine Model Number	Fan Twin EC44-3PM024	Fan Twin EC44-3PM024	Fan Twin EC44-3PM024	LC Twin EC45PL091
Displacement (cc)	432	432	432	432
Bore x Stroke (mm)	67.72 x 60	67.72 x 60	67.72x60	67.72 x 60
Carburetion/Throttle Body	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W	12V 200W	12V 200W	12V 200W 2P
Length (in./cm.)	117/297.2	117/297.2	108/274.3	108/274.3
Width (in./cm.)	43.5/110.5	43.5/110.5	46.5/118.1	46.5/118.1
Height (in./cm.)	48/121.9	48/121.9	38.5/97.8	47.5/120.7
Ski Center Distance (in./cm.)	38/96.5	38/96.5	41/104.1	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	141/358.1	133.5/339.1	121/307.3	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	11.8/9.8/44.7	11.8/9.8/44.7	10.5/8.7/39.7	11.8/9.8/44.7
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	IFS-38	IFS-38	IFS XTRA-10 CRC	IFS XTRA-10
Rear Suspension	Standard	XTRA Lite	XTRA 10	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Vented Hydraulic Disc	Hydraulic Disc
Storage	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear Seat	Rear of Seat Toolbox Under Hood
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Option	Option	Standard	Standard
Reverse	Option	Option	Option	Option
Electric Fuel Gauge	Option	Option	Option	Option
Accessory Lights	Oil/Brake Acc High Beam	Oil/Brake Acc High Beam	Oil/Brake Acc High Beam	Oil/Brake Temp High Beam
Electric Start	Option	Option	Option	Option
Handwarmers/Thumbwarmer	Single Heat/Std	Single Heat/Acc	Single Heat/Std	Hi-Lo/Std
Seat	2 Up	2 Up	Racing w/0 pads	Std Length
Storage Rack	Option	Option	Option	Option
Tow Hitch	Std	Option	Option	Option

GENERAL INFORMATION

1998 Model Identification

1998 Model	Indy Trail	Indy Trail Touring	Indy Trail RMK	Indy Super Sport
	0982761	0982362	0980961	0980761
Engine Type	Fan Twin	Fan Twin	Fan Twin	Fan Twin
Engine Model Number	EC50PM043	EC50PM043	EC50PM051	EC50PM061
Displacement (cc)	488	488	488	488
Bore x Stroke (mm)	72 x 60	72 x 60	72x60	72 x 60
Carburetion/Throttle Body	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	2Mikuni/ACCS VM34SS Slide	2 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W 2P	12V 200W 2P	12V 200W 2P	12V 200W
Length (in./cm.)	108/274.3	114/289.6	114/289.6	108/274.3
Width (in./cm.)	46.5/118.1	46.5/118/1	43.5/110.5	46.5/118.1
Height (in./cm.)	47.5/120.7	48/121.9	46/116.8	38.5/97.8
Ski Center Distance (in./cm.)	41/104.14	41/104.14	38/96.5	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	133.5/339.1	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	11.8/9.8/44.7	11.8/9.8/44.7	11.8/9.8/44.7	11.8/9.8/44.7
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	IFS XTRA-10	IFS XTRA-10	XTRA-10 IFS	IFS XTRA-10
Rear Suspension	XTRA 10	XTRA 10	XTRA 10	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc	Hydraulic Disc
Storage	Rear of Seat Toolbox Under Hood	Rear of Seat Toolbox Under Hood	Rear Seat/Toolbox	Rear of Seat Toolbox Footrest
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Electric Fuel Gauge	Option	Option	Option	
Reverse	Option	Standard	Option	Option
Accessory Lights	Oil/Brake High Beam	Oil/Brake High Beam	Oil/Brake Acc High Beam	Oil/Brake Acc High Beam
Electric Start	Option	Standard	Option	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Single Heat/Std	Single Heat/Std
Seat	Standard	Dlx 2 Up Touring	Long	Standard
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1998 Model Identification

1998 Model	Indy 440 XCR	Indy 500	Indy 500 RMK	Indy Classic
	0981660	0982764 (0982764A) (0982764B)	0982964	0983865
Engine Type Engine Model Number	LC Twin SN44-44LCDCSP-01	LC Twin EC50PL171	LC Twin EC50PL161	LC Twin EC50PL171
Displacement (cc)	438	488	488	488
Bore x Stroke (mm)	66 x 64	72 x 60	72 x 60	72 x 60
Carburetion/Throttle Body	2 Mikuni VM34SS Slide	2 Mikuni VM38SS Slide	2 Mikuni VM34SS / ACCS	2 Mikuni VM38SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	Digital CDI	CDI	CDI	CDI
Alternator Output	12V 280W	12V 200W 2P	12V 200W 2P	12V 200W 2P
Length (in./cm.)	109/276.86	108/274.3	114/289.6	108/121.9
Width (in./cm.)	46.5/118.1	46.5/118.1	43.5/110.5/RMK	48/121.9
Height (in./cm.)	44.0/111.76	41/104.14	48/121.9	49.5/125.7
Ski Center Distance (in./cm.)	41/104.14	41/104.14	38/96.5	42.5/107.9
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	10.5/8.7/39.7	11.8/9.8/44.7	11.8/9.8/44.7	11.8/9.8/44.7
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	XC-10 CRC	IFS XTRA-10 CRC	IFS 38 RMK	IFS XTRA-12
Rear Suspension	XTRA 10	XTRA 10	XTRA 10	XTRA 12
Brake Type	Liquid Cooled Hydraulic Disc	Hydraulic Disc	Hydraulic Disc HD Pads	Hydraulic Disc
Storage	Rear of Seat Toolbox Under Hood	Rear of Seat Toolbox	Rear of Seat Toolbox	Rear of Seat Toolbox
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Reverse	Option	Option	Option	Standard
Electric Fuel Gauge	Option	Option	Option	Standard
Accessory Lights	Oil/Brake Temp High Beam	Oil/Brake Temp High Beam	Oil/Brake Temp High Beam	Oil/Brake Temp High Beam
Electric Start	N/A	Option	Option	Standard
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Racing w/ pads	Standard (Long Opt.A&B)	Long	Long
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1998 Model Identification

1998 Model	Indy Classic Touring	Indy WideTrak LX	Indy XLT Touring	Indy XLT LTD
	0983365	0982065	0983357	0983756
Engine Type	LC Twin	LC Twin	LC Triple	LC Triple
Engine Model Number	EC50PL191	EC50PL201	EC58PL130	EC58PL130
Displacement (cc)	488	488	597	597
Bore x Stroke (mm)	72 x 60	72 x 60	65 x 60	65x60
Carburetion/Throttle Body	2 Mikuni VM34SS Slide	2 Mikuni VM34SS Slide	3 Mikuni VM34SS Slide	3 Mikuni VM34SS Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	CDI	CDI
Alternator Output	12V 200W 2P	12V 200W	12V 280W	12V 280W
Length (in./cm.)	115/292.1	128/325.1	115/292.1	108/274.3
Width (in./cm.)	48/121.9	43.5/110.5	48/121.9	48/121.9
Height (in./cm.)	51.5/130.8	49/124.5	51.5/130.8	49.5/125.7
Ski Center Distance (in./cm.)	42.5/107.9	38/96.5	42.5/107.9	42.5/107.9
Track Width (in./cm.)	15/38.1	20/50.8	15/38.1	15/38.1
Track Length Overall (in./cm)	133.5/339.1	156/396.2	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	11.8/9.8/44.7	11.0/9.1/41.6	11.8/9.8/44.7	11.8/9.8/44.7
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	IFS XTRA-12	IFS 38	IFS XTRA-12	IFS XTRA-12
Rear Suspension	XTRA 12	WideTrak Single Slide Rail	XTRA 12	XTRA 12
Brake Type	Hydraulic Disc	Mechanical	Hydraulic Disc	Hydraulic Disc
Storage	Rear of Seat Toolbox	Under Seat	Rear of Seat Toolbox Under Hood	Rear Seat/Toolbox
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Reverse	Standard	Standard	Standard	Option
Electric Fuel Gauge	Standard	N/A	Standard	Option
Accessory Lights	Oil/Brake Temp High Beam	Oil/Temp Rev High Beam	Oil/Brake Temp High Beam	Oil/Brake Acc High Beam
Electric Start	Standard	Standard	Standard	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Single Heat/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Deluxe 2 Up/Tour	WideTrak 2 Up	Deluxe 2 Up Touring	Standard Length
Storage Rack	Option	Standard	Option	Option
Tow Hitch	Option	Standard	Option	Option

GENERAL INFORMATION

1998 Model Identification

1998 Model	Indy XLT SP	Indy XLT Classic	Indy 600 XC	Indy 600 RMK
	0985776	0983857	0981758	0980958
Engine Type Engine Model Number	LC Triple EC58PL140	LC Triple EC58PL150	LC Twin SN60-70LCDCSP-01	LC Twin SN60-70LCDCSP-02
Displacement (cc)	597	597	593	593
Bore x Stroke (mm)	65 x 60	65 x 60	74.5 x 68	74.5 x 68
Carburetion/Throttle Body	3 Mikuni VM38SS	3 Mikuni VM38SS	2 Keihin 39mm D-Slide	2 Keihin 39mm D-Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	CDI	CDI	Digital CDI	Digital CDI
Alternator Output	12V 280W	12V 280W	12V 280W	12V 280W
Length (in./cm.)	108/274.3	108/274.3	109/276.86	116/294.64
Width (in./cm.)	46.5/118.11	48/121.92	46.5/118.1	43.5/110.5
Height (in./cm.)	46.5/118.11	48.5/123.19	44/111.76	46/116.84
Ski Center Distance (in./cm.)	41/104.14	42.5/107.9	41/104.14	38/96.52
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	121/307.3	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	11.8/9.8/44.7	11.8/9.8/44.7	11.8/9.79/44.66	11.8/9.79/44.66
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated
Front Suspension	IFS XTRA-10 CRC	IFS XTRA-12	XC-10 CRC	38 RMK CRC
Rear Suspension	XTRA 10	XTRA 12	XTRA 10	XTRA 10
Brake Type	Hydraulic Disc	Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox Footrest	Rear of Seat Toolbox Footrest	Rear of Seat	Rear of Seat
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Reverse	Option	Standard	Option	Option
Electric Fuel Gauge	Option	Option	N/A	N/A
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	Option	Standard	Option	Option
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Aggressive Mid Length	Long	Aggressive Mid Length	Long
Storage Rack	Option	Option	Option	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION 1998 Model Identification

1998 Model	Indy 600 XCR	Indy Ultra	Indy Ultra Touring	Indy 700 XCR
	0985677	0986778	0985378	0985678 (0985678A)
Engine Type Engine Model Number	LC Triple EC59PL020	LC Triple EC68PL050	LC Triple EC68PL050	LC Triple EC68PL060
Displacement (cc)	597	679	679	679
Bore x Stroke (mm)	62.5 x 65	66.6 x 65	66.6 x 65	66.6 x 65
Carburetion/Throttle Body	3 Mikuni VM38AL Slide	3 Mikuni VM38AL Slide	3 Mikuni VM38AL Slide	3 Mikuni VM38AL Slide
Oil Injected	Standard	Standard	Standard	Standard
Ignition	Digital CDI	Digital CDI	Digital CDI	Digital CDI
Alternator Output	12V 280W	12V 280W	12V 280W	12V 280W
Length (in./cm.)	109/276.8	108/274.3	115/292.1	109/276.8
Width (in./cm.)	46.5/118.11	48/121.9	48/121.9	46.5/118.11
Height (in./cm.)	44/111.7	48.5/123.2	51.5/130.8	44/111.7
Ski Center Distance (in./cm.)	41/104.14	42.5/108	42.5/108	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm)	121/307.3	121/307.3	133.5/339.1	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	11.8/9.8/44.7	11.8/9.8/44.7	11.8/9.8/44.7	11.8/9.8/44.7
Recommended Fuel	91 Octane Min.	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	91 Octane Min.
Front Suspension	XTRA 10 CRC	IFS XTRA 12	IFS XTRA 12	XTRA 10 CRC
Rear Suspension	XTRA 10	XTRA 12	XTRA 12	XTRA 10
Brake Type	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat Toolbox	Rear of Seat Toolbox Footrest	Rear of Seat	Rear of Seat Toolbox
Speedometer	Standard	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard	Standard
Reverse	Option	Option	Standard	Option
Electric Fuel Gauge	Standard	Option	Standard	Standard
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	N/A	Option	Standard	N/A
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std
Seat	Aggressive Mid Length	Standard	Deluxe 2-up Touring	Aggressive Mid Length
Storage Rack	Option	Option	Standard	Option
Tow Hitch	Option	Option	Option	Option

GENERAL INFORMATION

1998 Model Identification

1998 Model	Indy 700 XC	Indy 700 RMK	Indy Storm
	0981766	0980966	0985782
Engine Type Engine Model Number	LC Twin SN70-70LCDCSP-02	LC Twin SN70-70LCDCSP-01	LC Triple EC80PL052
Displacement (cc)	700	700	794
Bore x Stroke (mm)	81 x 68	81 x 68	72 x 65
Carburetion/Throttle Body	2 Keihin 39mm D-Slide	2 Keihin 39mm D-Slide	3 Mikuni VM38SS Slide
Oil Injected	Standard	Standard	Standard
Ignition	Digital CDI	Digital CDI	Digital CDI
Alternator Output	12V 280W	12V 280W	12V 280W
Length (in./cm.)	109/276.86	116/294.64	109/276.9
Width (in./cm.)	46.5/118.1	43.5/110.5	46.5/118.1
Height (in./cm.)	44/111.76	46/116.84	44/111.7
Ski Center Distance (in./cm.)	41/104.14	38/96.52	41/104.14
Track Width (in./cm.)	15/38.1	15/38.1	15/38.1
Track Length Overall (in./cm.)	121/307.3	121/307.3	121/307.3
Fuel Capacity (U.S. gas./Imp. gal./liters)	11.8/9.79/44.66	11.8/9.79/44.66	11.8/9.8/44.7
Recommended Fuel	87 Octane Non-Oxygenated or 89 Octane Oxygenated	87 Octane Non-Oxygenated or 89 Octane Oxygenated	91 Octane Min.
Front Suspension	XC-10 CRC	38 RMK CRC	XTRA 10 IFS
Rear Suspension	XTRA 10	XTRA 10	XTRA 10
Brake Type	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc	Liquid Cooled Hydraulic Disc
Storage	Rear of Seat	Rear of Seat	Rear of Seat Toolbox
Speedometer	Standard	Standard	Standard
Tachometer	Standard	Standard	Standard
Reverse	Option	Option	Option
Electric Fuel Gauge	Option	Option	Standard
Accessory Lights	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam	Oil/Brake Temp/Acc High Beam
Electric Start	Option	Option	N/A
Handwarmers/Thumbwarmer	Hi-Lo/Std	Hi-Lo/Std	Hi-Lo/Std Hi-Lo
Seat	Aggressive Mid Length	Long	Aggressive Mid Length
Storage Rack	Option	Option	Option
Tow Hitch	Option	Option	Option

1996 Polaris Snowmobile Paint Codes

Model	Color Description	Polaris "P" No.	Polaris Raw Material No.	PPG/Ditzler No.
Indy Lite	Black Metallic	P177	8520044	9000
Indy Lite Deluxe	Teal Metallic	P168	8520096	4300
Indy Lite GT	Dark Sapphire Metallic	P204	8520154	—
Indy Sport	Black Metallic	P177	8520044	9000
Indy Sport Touring	Black Metallic	P177	8520044	9000
Indy TranSport	Black Metallic	P177	8520044	9000
Indy Super Sport	Bright White	P133	8520079	2185
Indy 440 XCR	Bright White	P133	8520079	2185
Indy 440 XCR SP	Bright White	P133	8520079	2185
Indy 600 XCR	Bright White	P133	8520079	2185
Indy 600 XCR SP	Black Metallic	P177	8520049	9000
Indy 440 LC	Royal Plum Metallic	P203	8520141	—
Indy 500 EFI	Porsche Red	P136	8520066	72060
Indy 500 EFI SKS	Porsche Red	P136	8520066	72060
Indy 500 EFI RMK	Porsche Red	P136	8520066	72060
Indy Classic	Dark Cloisonne	P204	8520154	—
Indy Classic Touring	Dark Cloisonne	P204	8520154	—
Indy 500 Carb	Black Metallic	P177	8520044	9000
Indy 500 SKS	Black Metallic	P177	8520044	9000
Indy 500 RMK	Black Metallic	P177	8520044	9000
Indy Trail	Teal Metallic	P168	8520096	4300
Indy Trail Touring	Teal Metallic	P168	8520096	4300
Indy XLT	Black Sapphire Metallic	P173	8520098	3885
Indy XLT SKS	Black Sapphire Metallic	P173	8520098	3885
Indy XLT RMK	Black Sapphire Metallic	P173	8520098	3885
Indy XLT SP	Black Sapphire Metallic	P173	8520098	3885
Indy XLT Touring	Black Sapphire Metallic	P173	8520098	3885
Indy RXL	Black Metallic	P177	8520044	9000
Indy Ultra SP	Black Metallic	P177	8520044	9000
Indy Ultra SKS	Black Metallic	P177	8520044	9000
Indy Ultra RMK	Black Metallic	P177	8520044	9000
Indy WideTrak GT	Emerald	P210	8520163	—
Indy WideTrak LX	Emerald	P210	8520163	—
Indy Storm	Black Metallic	P177	8520044	9000
Indy Storm SKS	Black Metallic	P177	8520044	9000
Indy Storm RMK	Black Metallic	P177	8520044	9000

Order Polaris "P" Number from Midwest Industrial Coatings (612-942-1840) (FAX 612-942-1838). Mix as directed.

GENERAL INFORMATION

Paint Codes

1997 Polaris Snowmobile Paint Codes

Model	Color Description	Polaris "P" No.	Raw Material No.	Ditzler #
Indy Lite	Black Metallic *	P177	8520197	9000
Indy Lite GT	Dark Cloisonne *	P204	8520154	—
Indy Lite Deluxe	Teal Metallic *	P168	8520199	4300
Indy Sport	Raspberry Metallic *	P231	8520225	—
Indy Transport	Emerald *	P210	8520163	—
Indy Super Sport	Bright White **	P133	8520201	2185
Indy Sport Touring	Raspberry Metallic *	P231	8520225	—
Indy 440 XC	Bright White **	P133	8520201	2185
Indy 600 XC	Bright White **	P133	8520201	2185
Indy WideTrak LX	Emerald *	P210	8520163	—
Indy WideTrak GT	Emerald *	P210	8520163	—
Indy Trail RMK	Teal Metallic *	P168	8520199	4300
Indy XCF	Bright White **	P133	8520201	2185
Indy Trail	Teal Metallic *	P168	8520199	4300
Indy Trail Touring	Teal Metallic *	P168	8520199	4300
Indy 440 L/C	Royal Plum *	P203	8520141	—
Indy XLT Touring	Blue Spruce *	P228	8520218	—
Indy 500 L/C	Black Metallic *	P177	8520197	9000
Indy 500 EFI	Dark Cloisonne *	P204	8520154	—
Indy XLT LTD	Blue Spruce *	P228	8520218	—
Indy 500 SKS	Black Metallic *	P177	8520197	9000
Indy 500 RMK	Black Metallic *	P177	8520197	9000
Indy Classic	Royal Plum *	P203	8520141	—
Indy Classic Touring	Royal Plum *	P203	8520141	—
Indy Storm	Black Metallic *	P177	8520197	9000
Indy Storm RMK	Black Metallic *	P177	8520197	9000
Indy XLT	Black Sapphire *	P173	8520193	3885
Indy XLT SP	Indigo Metallic *	P229	8520228	—
Indy XLT SKS	Black Sapphire *	P173	8520193	3885
Indy XLT RMK	Black Sapphire *	P173	8520193	3885
Indy RXL	Indigo Metallic *	P229	8520228	—
Indy 600 XCR	Bright White **	P133	8520201	2185
Indy Ultra	Black Metallic *	P177	8520197	9000
Indy Ultra SP	Deep Violet Metallic *	P230	8520222	—
Indy Ultra SPX	Deep Violet Metallic *	P230	8520222	—
Indy Ultra Touring	Deep Violet Metallic *	P230	8520222	—
Indy 700 SKS	Blue Spruce *	P228	8520218	—
Indy 700 RMK	Blue Spruce *	P228	8520218	—

Order Polaris "P" Number from Midwest Industrial Coatings (612-942-1840) (FAX 612-942-1838). Mix as directed.

** Receive clear topcoat (8520198)

* Receive clear topcoat with sparkle metallic powder (8520194)

GENERAL INFORMATION
Paint Codes

1998 Polaris Snowmobile Paint Codes

1998 Model	Color Description	Polaris "P" No.	Raw Material No.	Ditzler#
Indy Lite	Porsche Red Metallic	P245	8520066	
Indy Lite Deluxe	Teal Metallic	P168	8520199	4300
Indy Lite Touring	Black Metallic	P177	8520197	9000
Indy Sport	Dark Cloisonné	P204	8520154	
Indy TransPort	Emerald	P210	8520163	
Indy Super Sport	Bright White Metallic	P241	8520201	
Indy Sport Touring	Dark Cloisonné	P204	8520154	
Indy XCF	Bright White Metallic	P241	8520201	
Indy Trail	Teal Metallic	P168	8520199	4300
Indy Trail Touring	Teal Metallic	P168	8520199	4300
Indy Trail RMK	Teal Metallic	P168	8520199	4300
Indy 440	Bright White Metallic	P241	8520201	
Indy 440 XCR	Bright Red	P243	8520247	
Indy 500 (Color Opt. 1)	Black Metallic	P177	8520197	9000
Indy 500 Classic	Royal Plum Metallic	P203	8520141	
Indy 500 RMK	Black Metallic	P177	8520197	9000
Indy Classic Touring	Royal Plum Metallic	P203	8520141	
Indy Widetrak LX	Emerald	P210	8520163	
Indy XLT Classic	Blue Spruce Metallic	P228	8520218	
Indy XLT LTD	Rigel Blue	P246	8520254	
Indy XLT SP	Black Metallic	P177	8520197	9000
Indy XLT Touring	Blue Spruce Metallic	P228	8520218	
Indy 600 XCR	Bright White Metallic	P241	8520201	
Indy 700 XC	Bright White Metallic	P241	8520201	
Indy 700 RMK	Dark Cloisonné	P204	8520154	
Indy 700 XCR (Color Opt. 1)	Deep Violet Metallic	P230	8520222	
Indy Ultra	Black Metallic	P177	8520197	9000
Indy Ultra Touring	Deep Violet Metallic	P230	8520222	
Indy Storm	Porsche Red Metallic	P245	8520066	
Indy 600 XC	Bright White Metallic	P241	8520201	
Indy 500 (Color Opt. 2)	Bright White Metallic	P241	8520201	
Indy 500 (Color Opt. 3)	Dk Cloisonné/Blue Spruce	P1075	8520154/218	
Indy 600 RMK	Deep Violet Metallic	P230	8520222	
Indy 700 (Color Opt. 2)	Bright White Metallic	P241	8520201	
Metallic Topcoat	Clear Topcoat with Sparkle Metallic Powder	N/A	8520194	

Order Polaris "P" Number from Midwest Industrial Coatings (612-942-1840) (FAX 612-942-1838). Mix as directed.

** Receive clear topcoat (8520198)

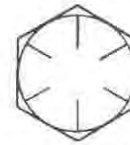
* Receive clear topcoat with sparkle metallic powder (8520194)

GENERAL INFORMATION

Torque Specifications

Standard Torque Specifications

The following torque specifications are to be used as a general guideline. There are exceptions in the steering, suspension, and engine areas. Always consult the standard torque chart and the specific manual section for torque values of fasteners. Use special torque values when listed.



Bolt Size	Threads/In (MM/Thread)	Grade 2	Grade 5	Grade 8
Torque in. lbs. (kg/m)				
#10 -	24	27 (.31)	43 (.50)	60 (.69)
#10 -	32	31 (.36)	49 (.56)	68 (.78)
Torque ft. lbs. (kg/m)*				
1/4 -	20	5 (.7)	8 (1.1)	12 (1.6)
1/4 -	28	6 (.8)	10 (1.4)	14 (1.9)
5/16 -	18	11 (1.5)	17 (2.3)	25 (3.5)
5/16 -	24	12 (1.6)	19 (2.6)	29 (4.0)
3/8 -	16	20 (2.7)	30 (4.0)	45 (6.2)
3/8 -	24	23 (3.2)	35 (4.8)	50 (6.9)
7/16 -	14	30 (4.0)	50 (6.9)	70 (9.7)
7/16 -	20	35 (4.8)	55 (7.6)	80 (11.0)
1/2 -	13	50 (6.9)	75 (10.4)	110 (15.2)
1/2 -	20	55 (7.6)	90 (12.4)	120 (16.6)

*To convert ft. lbs. to kg/m multiply foot pounds by .138.

*To convert kg/m to N/m move the decimal to the right one position.

Special Application Torque List

Due to the special grade bolts and nuts required for specific applications, observe the following torque values in the areas specified. Refer to specific manual section for torque values of fasteners not listed here.

Bolt Size	Area Where Used	Torque Minimum-Maximum
3/8	Outer Radius Rod End to Trailing Arm (Top & Bottom)	28-30 ft. lbs. (3.86-4.14 kg-m)
7/16	Inner Radius Rod End To Bulkhead (Top)	35-40 ft. lbs. (4.83-5.52 kg-m)
1/2	Inner Radius Rod End To Bulkhead (Bottom)	40-50 ft. lbs. (5.52-6.9 kg-m)
—	Radius Rod, Drag Link, or Tie Rod End Jam Nuts	24-25 ft. lbs. (3.31-3.45 kg-m)
1/2	Bellcrank (Center Steering Arm)	55-60 ft. lbs. (7.59-8.28 kg-m)
3/8	Drag Link to Steering Post Arm	28-30 ft. lbs. (3.86-4.14 kg-m)
3/8	Drag Link to Bellcrank	28-30 ft. lbs. (3.86-4.14 kg-m)
3/8	Tie Rod to Steering Arm	28-30 ft. lbs. (3.86-4.14 kg-m)
3/8	Tie Rod to Steering Post Arm	28-30 ft. lbs. (3.86-4.14 kg-m)
7/16	Trailing Arm Rear Support	40-45 ft. lbs. (5.52-6.21 kg-m)
3/8	IFS Shock (Top & Bottom)	28-30 ft. lbs. (3.86-4.14 kg-m)
5/16	Steering Post to Bulkhead	15-17 ft. lbs. (2.07-2.35 kg-m)
1/4	Upper Steering Bracket to Hoop	8-10 ft. lbs. (1.10-1.38 kg-m)
1/4	Handlebar Block	8-10 ft. lbs. (1.10-1.38 kg-m)
1/4	Side Panel to Nosepan Brace, Rubber Washer	4-6 in. lbs. (.05-.07 kg-m)
1/4	Side Panel to Nosepan, Well Nut	4-6 in. lbs. (.05-.07 kg-m)
3/8	Throttle Block Set Screw	30-35 in. lbs. (.35-.40 kg-m)
3/8	Ski Pivot Bushing Bolt	25-28 ft. lbs. (3.45-3.86 kg-m)
	Choke to Plastic Console	20-25 in. lbs. (.23-.29 kg-m)

GENERAL INFORMATION

Torque Specifications

Special Application Torque List, Cont.

<u>Bolt Size</u>	<u>Area Where Used</u>	<u>Torque Minimum-Maximum</u>
1/4	Coolant Tank to Hoop	4-6 ft. lbs. (.55-.83 kg/m)
5/16	Driven Clutch to Shaft	15-17 ft. lbs. (2.07-2.35 kg/m)
7/16	Drive Clutch to Engine	45-50 ft. lbs. (6.21-6.9 kg/m)
7/16	Engine Mount to Chassis	45-50 ft. lbs. (6.21-6.9 kg/m)
7/16	Engine Mount to Engine	44-48 ft. lbs. (6.07-6.62 kg/m)
10-24	Regulator	38-43 in. lbs. (.43-.49 kg/m)
1/4	Side Panel to Nosepan Brace, Rubber Washer	4-6 in. lbs. (.05-.07 kg/m)
1/4	Side Panel to Nosepan, Well Nut	4-6 in. lbs. (.05-.07 kg/m)
1/4	Air Silencer	4-6 in. lbs. (.05-.07 kg/m)
3/8	Set Screw to Throttle Block	30-35 in. lbs. (.35-.40 kg/m)
3/8	Shock Rod Bolt	10-12 ft. lbs. (1.38-1.66 kg/m)
	Rubber Motor Mount Nuts, Low Flex	15-18 ft. lbs. (2.07-2.48 kg/m)
	Rubber Motor Mount Nuts, High Flex	25-30 ft. lbs. (3.45-4.14 kg/m)
	Manifold Nuts	13-17 ft. lbs. (1.79-2.35 kg/m)
	Ignition Switch to Plastic Console	20-25 in. lbs. (.23-.29 kg/m)
	Ignition Switch to Aluminum Console	50-55 in. lbs. (.57-.63 kg/m)
	Choke to Plastic Console	20-25 in. lbs. (.23-.29 kg/m)
	Lock Collar Set Screws	70-80 in. lbs. (.8 -.92 kg/m)

Recommended Shop Supplies/Accessories

<u>Description</u>	<u>Part Number</u>
Chaincase Lubricant - One Gallon	2870464
Chaincase Lubricant - (Quart)	2871280
Chaincase Oil Pump	2870465
Cable Lubricant	2870510
Fuel System Deicer (Isopropyl)	2870505
Loctite Primer T - 6 Oz. Aerosol	2870585
Loctite RC 680 - 10cc Retaining Compound	2870584
Loctite 515 Gasket Eliminator - 50cc Tube	2870587
Loctite/Chisel - Gasket Remover - 18 Oz.	2870601
Metal Polish - 8 Oz.	2870632
DOT 3 Brake Fluid	2870990
Fogging Oil	2870791
Corrosion Resistant Dielectric Grease	2871027
Fox Shock Oil	2870995
Premium All Season Grease (14 1/2 oz)	2871423
Premium All Season Grease (3 oz)	2871322
Premium 60/40 Anti-Freeze/Coolant	2871323
Premium Carbon Clean Fuel System Additive	2871326
Fuel Stabilizer (16 oz.)	2870652
Polaris Battery Tender	2871076
Carbon Clean Fuel System Additive	2871326
T-9 Metal Protectant	2871064
Synthetic Chaincase Lubricant - Gallon	2871477
Synthetic Chaincase Lubricant - 12 oz.	2871478
Starter Drive Grease	2871460

GENERAL INFORMATION Decimal Equivalents

1/64	.0156	
1/32	.0312	1 mm = .0394"
3/64	.0469	
1/16	.0625	
5/64	.0781	2 mm = .0787"
3/32	.0938	
7/64	.1094	3 mm = .1181"
1/8	.1250	
9/64	.1406	
5/32	.1563	4 mm = .1575"
11/64	.1719	
3/16	.1875	5 mm = .1969"
13/64	.2031	
7/32	.2188	
15/64	.2344	6 mm = .2362"
1/4	.25	
17/64	.2656	7 mm = .2756"
9/32	.2813	
19/64	.2969	
5/16	.3125	8 mm = .3150"
21/64	.3281	
11/32	.3438	9 mm = .3543"
23/64	.3594	
3/8	.375	
25/64	.3906	10 mm = .3937"
13/32	.4063	
27/64	.4219	11 mm = .4331"
7/16	.4375	
29/64	.4531	
15/32	.4688	12 mm = .4724"
31/64	.4844	
1/2	.5	13 mm = .5118
33/64	.5156	
17/32	.5313	
35/64	.5469	14 mm = .5512"
9/16	.5625	
37/64	.5781	15 mm = .5906"
19/32	.5938	
39/64	.6094	
5/8	.625	16 mm = .6299"
41/64	.6406	
21/32	.6563	17 mm = .6693"
43/64	.6719	
11/16	.6875	
45/64	.7031	18 mm = .7087"
23/32	.7188	
47/64	.7344	19 mm = .7480"
3/4	.75	
49/64	.7656	
25/32	.7813	20 mm = .7874"
51/64	.7969	
13/16	.8125	21 mm = .8268"
53/64	.8281	
27/32	.8438	
55/64	.8594	22 mm = .8661"
7/8	.875	
57/64	.8906	23 mm = .9055"
29/32	.9063	
59/64	.9219	
15/16	.9375	24 mm = .9449"
61/64	.9531	
31/32	.9688	25 mm = .9843
63/64	.9844	
1	1.0	

GENERAL INFORMATION

Conversion Table

Unit of Measure	Multiplied by	Converts to
ft. lbs.	x 12	= in. lbs.
in. lbs.	x .0833	= ft. lbs.
ft. lbs.	x .1383	= kg-m
in. lbs.	x .0115	= kg-m
kg-m	x 7.233	= ft. lbs.
kg-m	x 86.796	= in. lbs.
kg-m	x 10	= Nm
in.	x 25.4	=mm
mm	x .03937	= in.
in.	x 2.54	= cm
mile (mi.)	x 1.6	= km
km	x .6214	= mile (mi.)
Ounces (oz)	x 28.35	= Grams (g)
Grams (g)	x 0.035	= Ounces (oz)
cc	x .03381	= Fluid Ounces (oz)
lb.	x .454	= kg
kg	x 2.2046	= lb.
Cubic inches (cu in)	x 16.387	= Cubic centimeters (cc)
Cubic centimeters (cc)	x 0.061	= Cubic inches (cu in)
Imperial pints (Imp pt)	x 0.568	= Liters (l)
Liters (l)	x 1.76	= Imperial pints (Imp pt)
Imperial quarts (Imp qt)	x 1.137	= Liters (l)
Liters (l)	x 0.88	= Imperial quarts (Imp qt)
Imperial quarts (Imp qt)	x 1.201	= US quarts (US qt)
US quarts (US qt)	x 0.833	= Imperial quarts (Imp qt)
US quarts (US qt)	x 0.946	= Liters (l)
Liters (l)	x 1.057	= US quarts (US qt)
US gallons (US gal)	x 3.785	=Liters (l)
Liters (l)	x 0.264	= US gallons (US gal)
Pounds - force per square inch (psi)	x 6.895	= Kilopascals (kPa)
Kilopascals (kPa)	x 0.145	= Pounds - force per square inch (psi)
Kilopascals (kPa)	x 0.01	= Kilograms - force per square cm
Kilograms - force per square cm	x 98.1	= Kilopascals (kPa)

°C to °F: $9 (°C + 40) \div 5 - 40 = °F$

°F to °C: $5 (°F + 40) \div 9 - 40 = °C$

GENERAL INFORMATION

Tap Drill Charts

SAE Tap Drill Sizes

Thread Size	Drill Size	Thread Size	Drill Size
#0-80	3/64	1/2-13	27/64
#1-64	53	1/2-20	29/64
#1-72	53	9/16-12	31/64
#2-56	51	9/16-18	33/64
#2-64	50	5/8-11	17/32
#3-48	5/64	5/8-18	37/64
#3-56	45	3/4-10	21/32
#4-40	43	3/4-16	11/16
#4-48	42	7/8-9	49/64
#5-40	38	7/8-14	13/16
#5-44	37	1-8	7/8
#6-32	36	1-12	59/64
#6-40	33	1 1/8-7	63/64
#8-32	29	1 1/8-12	1 3/64
#8-36	29	1 1/4-7	1 7/64
#10-24	24	1 1/4-12	1 11/64
#10-32	21	1 1/2-6	1 11/32
#12-24	17	1 1/2-12	1 27/64
#12-28	4.6mm	1 3/4-5	1 9/16
1/4-20	7	1 3/4-12	1 43/64
1/4-28	3	2-4 1/2	1 25/32
5/16-18	F	2-12	1 59/64
5/16-24	I	2 1/4-4 1/2	2 1/32
3/8-16	O	2 1/2-4	2 1/4
3/8-24	Q	2 3/4-4	2 1/2
7/16-14	U	3-4	2 3/4
7/16-20	25/64		

Metric Tap Drill Sizes

Tap Size	Drill Size	Decimal Equivalent	Nearest Fraction
3 x .50	#39	0.0995	3/32
3 x .60	3/32	0.0937	3/32
4 x .70	#30	0.1285	1/8
4 x .75	1/8	0.125	1/8
5 x .80	#19	0.166	11/64
5 x .90	#20	0.161	5/32
6 x 1.00	#9	0.196	13/64
7 x 1.00	16/64	0.234	15/64
8 x 1.00	J	0.277	9/32
8 x 1.25	17/64	0.265	17/64
9 x 1.00	5/16	0.3125	5/16
9 x 1.25	5/16	0.3125	5/16
10 x 1.25	11/32	0.3437	11/32
10 x 1.50	R	0.339	11/32
11 x 1.50	3/8	0.375	3/8
12 x 1.50	13/32	0.406	13/32
12 x 1.75	13/32	0.406	13/32

GENERAL INFORMATION

Glossary of Terms

ACS: Alternator control system. The main relay for the 1993-1996 500 EFI systems. Rectifies AC alternator voltage to DC for battery charging, and triggers the ECU with DC for start up.

ACV: Alternating current voltage.

Air Gap Spark Test: A good check for ignition voltage and general ignition system condition. Spark should arc 3/8" (1 cm) minimum from end of high tension lead to ground. Several testers are available commercially.

Alternator: Electrical generator producing alternating current voltage.

Bore: Diameter of cylinder.

BTDC: Before Top Dead Center.

Bump Steer: When skis toe in and toe out through suspension travel.

CDI: Capacitor Discharge Ignition. Ignition system which stores voltage generated by the stator plate exciter coil in a capacitor or condenser (in CDI box). At the proper moment a voltage generated by the stator plate pulser coil closes an electronic switch (thyristor) in the CDI box and allows the voltage in the capacitor to discharge into the primary windings of the ignition coil.

Center Cylinder: On three cylinder engines, the cylinder between Mag and PTO ends.

Center Distance: Distance between center of crankshaft and center of driven clutch shaft.

Chain Pitch: Distance between chain link pins (No. 35 = 3/8" or 1 cm). Polaris measures chain length in number of pitches.

Clutch Buttons: Plastic bushings which transmit rotation of the clutch to the movable sheave in the drive and driven clutch.

Clutch Offset: Drive and driven clutches are offset so that drive belt will stay nearly straight as it moves along the clutch face as the engine torques back.

Clutch Weights: Three levers in the drive clutch which relative to their weight, profile and engine RPM cause the drive clutch to close.

Coil: A winding of wire around an iron core which has the ability to generate an electrical current when a magnetic field passes through it.

Combustion Chamber: Space between cylinder head and piston dome at TDC.

Compression: Reduction in volume or squeezing of a gas.

Condenser/Capacitor: A storage reservoir for electricity, used in both E.T. and CDI systems.

Crankshaft Run-Out: Run-out or "bend" of crankshaft measured with a dial indicator while crankshaft is supported between centers on V blocks or resting in lower half of crankcase. Measure at various points especially at PTO. Maximum allowable run-out is .006" (.02 cm).

DCV: Direct current voltage.

Detonation: The spontaneous ignition of the unburned fuel/air mixture after normal spark ignition. Piston looks "hammered" through, rough appearance around hole. Possible causes: 1) too high a compression ratio for the fuel octane; 2) low octane fuel; 3) over-advanced ignition timing; 4) lean fuel/air mixture.

Dial Bore Gauge: A cylinder measuring instrument which uses a dial indicator. Good for showing taper and out-of-round in the cylinder bore.

Displacement: The volume of the cylinder displaced by the piston as it travels from BDC to TDC. The formula is:

$\frac{\text{Bore}^2 \times \text{Stroke} \times 3.1416}{4} = \text{Displacement in CCs}$

Dropping Resistor: Component in an EFI system which reduces input (battery) voltage to approximately 5 volts.

ECU: Electronic Control Unit. In an EFI System, the component which monitors all data from sensors in the system, and electronically adjusts injector duration accordingly.

Effective Compression Ratio: Compression ratio measured from after the piston closes the exhaust port.

Electrical Open: Open circuit. An electrical circuit which isn't complete. (i.e. poor connections or broken wire at hi-lo beam switch resulting in loss of headlights).

Electrical Short: Short circuit. An electrical circuit which is completed before the current reaches the intended component. (i.e. a bare wire touching the snowmobile chassis under the seat resulting in loss of taillights and brake lights).

End Seals: Rubber seals at each end of the crankshaft.

Engagement RPM: Engine RPM at which the drive clutch engages to make contact with the drive belt.

E.T. Ignition: Energy Transfer ignition. Generates primary ignition voltage through electro magnetic induction.



Flat Head Bolt: To be used where finished surfaces require a flush fastening unit. Countersunk.

Foot Pound: Ft. lb. A force of one pound at the end of a lever one foot in length, applied in a rotational direction.

Fuel Pressure Regulator: Mechanical device in an EFI system which regulates fuel pressure in the distribution manifold by returning excess fuel to the tank.

Fuel Rail: The fuel distribution manifold for the injectors in an EFI system.

g: Gram. Unit of weight in the metric system.

Head Volume: Cylinder head capacity in cc, head removed from engine with spark plug installed.

Heat Exchanger: A device used to transfer heat. Mounted under running boards, they dissipate engine heat to the atmosphere.



Hex Head Bolt: Standard type of wrench-applied hexagon head, characterized by clean, sharp corners trimmed to close tolerances. Recommended for general commercial applications.

Hi-Fax: Trademark of Himont Advanced Materials. The special slide material which fits onto the bottom of the suspension rails.

High Side: Sled pushes or tips up.

High Tension Wire: The heavy insulated wire which carries the high secondary voltage from the coil to the spark plug.

Hole Shot: A term used when machine starts a race from a dead stop.

Holed Piston: Piston in which a hole has formed on the dome. Possible causes: 1) detonation; 2) pre-ignition.

Ignition Coil: A type of transformer which increases voltage in the primary windings (approx. 200V) to a higher voltage in the secondary windings (approx. 14KV - 32KV) through inductions. Secondary voltage is high enough to arc the air gap at the spark plug.

Ignition Generating Coil: Exciter coil, primary charge coil. Stator plate coil which generates primary ignition voltage. CDI system uses one ignition generating coil. Twin cylinder E.T. ignition systems use two ignition generating coils. Coil is mounted at the top of the stator plate.

Inch Pound: In. lb. 12 in. lbs. = 1 ft. lb.

Kg/cm2: Kilograms per square centimeter. Metric equivalent of PSI.

Keystone Ring: A piston ring with bevel on upper inside surface.

Kilogram/meter: A force of one kilogram at the end of a lever one meter in length, applied in a rotational direction. Metric equivalent of ft. lbs.

L Ring: A wide face piston ring with an "L" shaped cross section. Leg of "L" goes up when installing on piston.

Labyrinth Seal: A pressure type center seal identified by series of grooves and lands. Polaris engines use this type of seal to separate the cylinders in the crankcase halves.

Left Side: Always referred to based on normal operating position of the driver.

Lighting Coil: Generates voltage for lights, battery charging, etc by electromagnetic induction.

Loose: When the rear of the vehicle slides outward in a turn. The track does not grab sufficiently.

mm: Millimeter. Unit of length in the metric system. 1mm = .040".

Mag End: Flywheel side of engine.

Magnetic Induction: As a conductor (coil) is moved through a magnetic field, a voltage will be generated in the windings. This is how mechanical energy in our engines is converted to electrical energy in the lighting coil, ignition generating coils and trigger coil.

Ohm: The unit of electrical resistance opposing current flow.



Oval Head Screw: Fully specified as "oval countersunk", this head is identical to the standard flat head, but possesses a rounded upper surface for attractiveness of design.

PTO End: Power Take Off drive (clutch side).



Pan Head Screw: Provides a low, large diameter head, but with characteristically high outer edges along the outer edge of the head where driving action is most effective. Slightly different head contour when supplied with Phillips Recess. See dotted line.

Piston Clearance: Total distance between piston and cylinder wall.

Piston Erosion: Piston dome melts. Usually occurs at the exhaust port area. Possible causes: 1) lean fuel/air mixture; 2) improper spark plug heat range.

GENERAL INFORMATION

Glossary of Terms

Pre-Ignition: A problem in combustion where the fuel/air mixture is ignited before normal spark ignition. Piston looks melted at area of damage. Possible causes: 1) too hot a spark plug; 2) spark plug not properly torqued; 3) "glowing" piece of head gasket, metal burr or carbon in the combustion chamber; 4) lean fuel/air mixture; 5) Incorrect ignition timing.

Primary Circuit: This circuit is responsible for the voltage build up in the primary windings of the coil. Parts of this circuit include the exciter coil, points and condenser, wires from the stator plate to the small primary winding in the ignition coil. In the CDI system the parts include the exciter coil, the trigger coil, the wires from stator plate to CDI box and to the low resistance primary windings in the ignition coil.

Primary Clutch: Drive clutch on engine.

Primary Compression: Pressure built up in the crankcase of a two stroke engine.

psi.: Pounds per square inch.

Pushing: When the front of the vehicle does not steer as much as the driver desires. The skis do not grab sufficiently.

R & R: Remove and replace.

RFI: Radio Frequency Interference. Caused by high voltage from the ignition system. There are special plug caps and spark plugs to help eliminate this problem. Required in Canada.

RPM: Revolutions Per Minute.

Relay Coils: Electromagnetic device in an EFI system which controls circuit connection with input from another circuit.

Resistance: In the mechanical sense, friction or load. In the electrical sense, ohms. Both result in energy conversion to heat.

Right Side: Always referred to based on normal operating position of the driver.



Round Head Screw: The familiar head most universally used for general application. Good slot depth, ample underhead bearing surface and finished appearance are characteristic of this head.

Running Time: Ignition timing when fully advanced or at specified RPM.

Secondary Circuit: This circuit consists of the large secondary coil windings, high tension wire and ground through the spark plug air gap.

Secondary Clutch: Driven clutch on chaincase or jackshaft.

Seized Piston: Galling of the sides of a piston. Usually there is a transfer of aluminum from the piston onto the cylinder wall. Possible causes: 1) improper lubrication; 2) excessive temperatures; 3) insufficient piston clearance; 4) stuck piston rings.

Select Monitor: Diagnostic tool which provides static and dynamic displays of the function of critical components in an EFI system. It also has the capability to display the contents of the ECU memory.

Self Steer: Pulling the machine to the inside of the track.

Spark Plug Reach: Length of threaded portion of spark plug. Polaris uses 3/4" (2 cm) reach plugs.

Static Timing: Ignition timing when engine is at zero RPM.

Stator Plate: The plate mounted under the flywheel supporting the primary ignition components and lighting coils.

Stroke: The maximum movement of the piston from bottom dead center to top dead center. It is characterized by 180° of crankshaft rotation.

Surge Tank: The fill tank in the liquid cooling system.

TDC: Top Dead Center. Piston's most outward travel from crankshaft.

Throttle Body: The air flow metering device in an EFI system.

Transfer: The movement of fuel/air from the crankcase to the combustion chamber in a two stroke engine.

Trigger Coil: Pulser coil. Generates the voltage for triggering (closing) the thyristor and timing the spark in CDI systems. Small coil mounted at the top of the stator plate next to the ignition generating coil.

V Regulator: Voltage regulator. Maintains maximum lighting coil output at approx. 14.5 ACV as engine RPM increases.

Venturi: An area of air constriction. A venturi is used in carburetors to speed up air flow which lowers pressure in venturi to below atmospheric pressure, causing fuel to be pushed through jets, etc., and into the venturi to be mixed with air and form a combustible air/fuel mixture.

Volt: The unit of measure for electrical pressure of electromotive force. Measured by a voltmeter in parallel with the circuit.

Watt: Unit of electrical power. Watts = amperes x volts.

In order to perform service work efficiently and to prevent costly errors, the technician should read the text in this manual, thoroughly familiarizing him/herself with procedures before beginning. Pictures and illustrations have been included with the text as an aid. Notes, cautions and warnings have also been included for clarification of text and safety concerns. However, a knowledge of mechanical theory, tool use and shop procedures is necessary to perform the service work safely and satisfactorily. Use only genuine Polaris service parts.

⚠ Cleanliness of parts and tools as well as the work area is of primary importance. Dirt and foreign matter will act as an abrasive and cause damage to precision parts. Clean the snowmobile before beginning service. Clean new parts before installing.

⚠ Watch for sharp edges which can cause personal injury, particularly in the area of the tunnel. Protect hands with gloves when working with sharp components.

⚠ If difficulty is encountered in removing or installing a component, look to see if a cause for the difficulty can be found. If it is necessary to tap the part into place, use a soft face hammer and tap lightly.

⚠ Some of the fasteners in the snowmobile were installed with locking agents. Use of impact drivers or wrenches will help avoid damage to fasteners.

⚠ Always follow torque specifications as outlined throughout this manual. Incorrect torquing may lead to serious machine damage or, as in the case of steering components, can result in injury or death for the rider(s).

⚠ If a torquing sequence is indicated for nuts, bolts or screws, start all fasteners in their holes and hand tighten. Then, following the method and sequence indicated in this manual, tighten evenly to the specified torque value. When removing nuts, bolts or screws from a part with several fasteners, loosen them all about 1/4 turn before removing them.

⚠ If the condition of any gasket or O-Ring is in question, replace it with a new one. Be sure the mating surfaces around the gasket are clean and smooth in order to avoid leaks.

⚠ Some procedures will require removal of retaining rings or clips. Because removal weakens and deforms these parts, they should always be replaced with new parts. When installing new retaining rings and clips use care not to expand or compress them beyond what is required for installation.

⚠ Because removal damages seals, replace any oil or grease seals removed with new parts.

⚠ Polaris recommends the use of Polaris lubricants and greases, which have been specially formulated for the top performance and best protection of our machines. In some applications, such as the engine, warranty coverage may become void if other brands are substituted.

⚠ Grease should be cleaned from parts and fresh grease applied before reassembly of components. Deteriorating grease loses lubricity and may contain abrasive foreign matter.

⚠ Whenever removing or reinstalling batteries, care should be taken to avoid the possibility of explosion resulting in serious burns. Always disconnect the negative (black) cable first and reconnect it last. Battery electrolyte contains sulphuric acid and is poisonous! Serious burns can result from contact with the skin, eyes or clothing. **ANTIDOTE:** External - Flush with water. Internal - Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg, or vegetable oil. Call physician immediately. Eyes - Flush with water for 15 minutes and get prompt medical attention.

GENERAL INFORMATION

Warranty Policy LIMITED WARRANTY

Polaris Industries Inc., 1225 Highway 169 North, Minneapolis, Minnesota 55441-5078, gives a ONE YEAR LIMITED WARRANTY on all components of the Polaris snowmobile against defects in material or workmanship. Details of warranty period and coverage may vary by model. This warranty covers the parts and labor charges for repair or replacement of defective parts which are covered by this warranty. This warranty begins on the date of purchase. This warranty is transferrable to another consumer during the warranty period through a Polaris dealer. There is a charge of \$35.00 payable to Polaris Industries Inc.

REGISTRATION

At the time of sale, the Warranty Registration Form must be completed by your dealer and submitted to Polaris within ten days. Upon receipt of this registration, Polaris will record the registration for warranty. No verification of registration will be sent to the purchaser as the copy of the Warranty Registration Form will be the warranty entitlement. If you have not signed the original registration and received the "customer copy", please contact your dealer immediately. **NO WARRANTY COVERAGE WILL BE ALLOWED UNLESS YOUR SNOWMOBILE IS REGISTERED WITH POLARIS.**

Initial dealer preparation and set-up of your snowmobile is very important in ensuring trouble-free operation. Purchasing a machine in the crate or without proper dealer set-up will void your warranty coverage.

WARRANTY COVERAGE AND EXCLUSIONS:

LIMITATIONS OF WARRANTIES AND REMEDIES

The warranty excludes any failures that are not caused by a defect in material or workmanship. This warranty does not cover accidental damage, normal wear and tear, abuse or improper handling. This warranty also does not cover any snowmobile that has been altered structurally, modified, neglected, improperly maintained, used for racing, or used for purposes other than for which it was manufactured, or for any damages which occur during trailer transit or as a result of unauthorized service or the use of unauthorized parts. In addition, this warranty does not cover physical damage to paint or finish, stress cracks, tearing or puncturing of upholstery material, corrosion, or defects in parts, components or snowmobile due to fire, explosions or any other cause beyond Polaris' control.

This warranty does not cover the use of unauthorized lubricants, chemicals, or fuels that are not compatible with the snowmobile.

The exclusive remedy for breach of this warranty shall be, at Polaris' exclusive option, repair or replacement of any defective materials, or components or products. **THE REMEDIES SET FORTH IN THIS WARRANTY ARE THE ONLY REMEDIES AVAILABLE TO ANY PERSON FOR BREACH OF THIS WARRANTY. POLARIS SHALL HAVE NO LIABILITY TO ANY PERSON FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY DESCRIPTION, WHETHER ARISING OUT OF EXPRESS OR IMPLIED WARRANTY OR ANY OTHER CONTRACT, NEGLIGENCE, OR OTHER TORT OR OTHERWISE.** Some states do not permit the exclusion or limitation of incidental or consequential damages or implied warranties, so the above limitations or exclusions may not apply to you if inconsistent with controlling state law.

ALL IMPLIED WARRANTIES (INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE LIMITED IN DURATION TO THE ABOVE ONE YEAR WARRANTY PERIOD. POLARIS FURTHER DISCLAIMS ALL EXPRESS WARRANTIES NOT STATED IN THIS WARRANTY. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you if inconsistent with controlling state law.

HOW TO OBTAIN WARRANTY SERVICE

If your snowmobile requires warranty service, you must take it to a Polaris Servicing Dealer. When requesting warranty service you must present your copy of the Warranty Registration form to the dealer. **(THE COST OF TRANSPORTATION TO AND FROM THE DEALER IS YOUR RESPONSIBILITY).** Polaris suggests that you use your original selling dealer; however, you may use any Polaris Servicing Dealer to perform warranty service.

Please work with your dealer to resolve any warranty issues. Should your dealer require any additional assistance they will contact the appropriate person at Polaris.

This warranty also gives you specific legal rights, and you may also have other rights which vary from state to state.

If any of the above terms are void because of state or federal law, all other warranty terms will remain in effect.

Engine Oil

1. Always use Polaris 2-Cycle engine oil.
2. Never substitute or mix oil brands as serious engine damage and voiding of warranty can result.

Special tool part numbers and usage are listed in each section of this manual as required for a specific service procedure. For complete tool information refer to the Service Tool Catalog (PN 9914681). U.S. dealers can obtain a current price list or get tool information by contacting Victor Specialty Tool Company at the address, phone or FAX number listed below. Canadian dealers can obtain this information by contacting the Winnipeg parts department at (204)-925-7125. Dealers serviced by a distributor should follow tool ordering procedures established by their respective distributor parts department.

POLARIS

SPECIAL TOOLS

VICTOR SPECIALTY TOOL CO.

66 School Street
Victor, New York 14564

TO PLACE AN ORDER

Toll Free Tool Order **FAX** Numbers

(U.S.) 1-800-716-3938

(Canadian Dealers) 1-800-413-4441

Phone Orders or Information

(U.S.) 1-716-742-1790

(Canadian Dealers) 1-204-925-7125