## CARBURETION
## 1988 Condensed Data

| Machine Model | Engine Model | Cyl. Disp. CC's | Carburetor Model, Mount Type & No. | Std. Main Jet & Type | Std. Pilot Jet | Air Screw Adjust (counterclockwise from seat) |
|---|---|---|---|---|---|---|
| Star, StarTrak | EC25PS-06 | 244 | VM30SS (1) Zinc | 130 Hex | 60 | 1 1/2 turn |
| Sprint (ES) | EC34-2PM-02 | 339 | VM30SS (2) Zinc | 155 Hex | 35 | 1.0 turn |
| Indy Sport | EC34-2PM-03 | 339 | VM30SS (2) Zinc | 180 Hex | 35 | 1.0 turn |
| Indy Trail (All) | EC50PM-01/02 | 488 | VM34SS (2) Zinc | 220 Hex | 35 | 1.0 turn |
| Indy 400 | EC40PL-02/03 | 398 | VM34SS (2) Zinc | 220 Hex | 30 | 1 1/2 turn |
| Indy 650 (All) | EC65PL-01 | 648 | VM38SS (3) Zinc | 260 Hex | 50 | 1.0 turn |
| LongTrak (R.L.R.) | EC44-2PM-4100 | 432 | VM34SS (1) Zinc | 280 Hex | 50 | 1.0 turn |

| Engine Model | Jet Needle No. "E" Clip Position | Needle Jet No. | Throttle Valve Cutaway | Throttle Valve Spring PN | Valve Seat | Idle RPM ± 200 | Fuel/Oil Mixture |
|---|---|---|---|---|---|---|---|
| EC25PS-06 | 5DT49-3 | O-8 (171) | 3.0 | 3130281 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC34-2PM-02 | 5DP7-3 | O-8 (171) | 3.0 | 3130350 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC34-2PM-03 | 5DP7-3 | O-8 (171) | 3.0 | 3130350 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC50PM-01/02 | 6DH7-2 | P-8 (166) | 3.0 | 3130318 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC40PL-02/03 | 6DP17-3 | Q-2 (166) | 2.0 | 3130318 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC65PL-01 | 6F9-3 | P-8 (247) | 3.0 | 3130334 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC44-2PM-4100 | 6DH7-3 | P-6 (166) | 2.5 | 3130318 | 1.5mm | 2300 | Variable Ratio/ Automatic Injection |

| Machine Model | Engine Model | Cyl. Disp. CC's | Carburetor Model, Mount Type & No. | Std. Main Jet & Type | Std. Pilot Jet | Air Screw Adjust (counterclockwise from seat) |
|---|---|---|---|---|---|---|
| Star, StarTrak | EC25PS-06 | 244 | VM30SS (1) Zinc | 130 Hex | 60 | 1 1/2 turn |
| Sprint (ES) | EC34-2PM-02 | 339 | VM30SS (2) Zinc | 155 Hex | 35 | 1.0 turn |
| Indy Sport/ Sport GT | EC34-2PM-03 | 339 | VM30SS (2) Zinc | 180 Hex | 35 | 1.0 turn |
| Indy Trail (All) | EC50PM-01/02 | 488 | VM34SS (2) Zinc | 230 Hex | 35 | 1.0 turn |
| Indy SuperTrak | EC50PM-03 | 488 | VM34SS (2) Zinc | 200 Hex | 30 | 1.0 turn |
| Indy 400 | EC40PL-02 | 398 | VM34SS (2) Zinc | 230 Hex | 30 | 1 1/2 turn |
| Indy 500 (All) | EC50PL-01/02 | 488 | VM38SS (2) Aluminum | 280 Hex | 40 | 1.0 turn |
| Indy 650 (All) | EC65PL-01 | 648 | VM38SS (3) Zinc | 260 Hex | 50 | 1.0 turn |
| LongTrak (R.L.R.) | EC44-2PM-4100 | 432 | VM34SS (1) Zinc | 280 Hex | 50 | 1.0 turn |

| Engine Model | Jet Needle No. "E" Clip Position | Needle Jet No. | Throttle Valve Cutaway | Throttle Valve Spring PN | Valve Seat | Idle RPM ± 200 | Fuel/Oil Mixture |
|---|---|---|---|---|---|---|---|
| EC25PS-06 | 5DT49-3 | O-8 (171) | 3.0 | 3130281 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC34-2PM-02 | 5DP7-3 | O-8 (171) | 3.0 | 3130350 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC34-2PM-03 | 5DP7-3 | O-8 (171) | 3.0 | 3130350 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC50PM-01/02 | 6DH7-2 | P-8 (166) | 3.0 | 3130318 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC50PM-03 | 6DH7-3 | P-6 (166) | 3.0 | 3130318 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC40PL-02 | 6DP17-3 | Q-2 (166) | 2.0 | 3130318 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC50PL-01/02 | 6F9-3 | Q-0 (247) | 3.0 | 3130334 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC65PL-01 | 6DH4-3 | P-8 (247) | 3.0 | 3130334 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC44-2PM-4100 | 6DH7-3 | P-6 (166) | 2.5 | 3130318 | 1.5mm | 2300 | Variable Ratio/ Automatic Injection |

## CARBURETION
## 1990 Condensed Data

| Machine Model | Engine Model | Cyl. Disp. CC's | Carburetor Model, Mount Type & No. | Std. Main Jet & Type | Std. Pilot Jet | Air Screw Adjust (counterclockwise from seat) |
|---|---|---|---|---|---|---|
| Star, StarTrak | EC25PS-06 | 244 | VM30SS (1) Zinc | 150 Hex | 60 | 1.0 turn |
| Sprint (ES) | EC34-2PM-02 | 339 | VM30SS (2) Zinc | 155 Hex | 35 | 1.0 turn |
| Indy Sport/ Sport GT | EC34-2PM-03 | 339 | VM30SS (2) Zinc | 180 Hex | 35 | 1.0 turn |
| Indy Trail (All) | EC50PM-01/02 | 488 | VM34SS (2) Zinc | 230 Hex | 35 | 1.0 turn |
| Indy SuperTrak | EC50PM-03 | 488 | VM34SS (2) Zinc | 200 Hex | 30 | 1.0 turn |
| Indy 400 | EC40PL-02 | 398 | VM34SS (2) Zinc | 230 Hex | 30 | 1 1/2 turn |
| Indy 500 (All) | EC50PL-01/02 | 488 | VM38SS (2) Aluminum | 280 Hex | 40 | 1.0 turn |
| Indy WideTrak | EC50PL-03 | 488 | VM34SS (2) Zinc | 190 Hex | 35 | 1 1/4 turn |
| Indy 650 (All) | EC65PL-01 | 648 | VM38SS (3) Zinc | 260 Hex | 45 | 1.0 turn |

| Engine Model | Jet Needle No. "E" Clip Position | Needle Jet No. | Throttle Valve Cutaway | Throttle Valve Spring PN | Valve Seat | Idle RPM ± 200 | Fuel/Oil Mixture |
|---|---|---|---|---|---|---|---|
| EC25PS-06 | 5DT49-3 | O-8 (171) | 3.0 | 3130281 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC34-2PM-02 | 5DP7-3 | O-8 (171) | 3.0 | 3130350 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC34-2PM-03 | 5DP7-3 | O-8 (171) | 3.0 | 3130350 | 1.5mm | 2100 | Variable Ratio/ Automatic Injection |
| EC50PM-01/02 | 6DH7-2 | P-8 (166) | 3.0 | 3130318 | 1.5mm | 1600 | Variable Ratio/ Automatic Injection |
| EC50PM-03 | 6DH7-3 | P-6 (166) | 3.0 | 3130318 | 1.5mm | 1600 | Variable Ratio/ Automatic Injection |
| EC40PL-02 | 6DP17-3 | Q-2 (166) | 2.0 | 3130318 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC50PL-01/02 | 6F9-3 | Q-0 (247) | 3.0 | 3130334 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC50PL-03 | 6EJ26-3 | P-6 (166) | 3.0 | 3130318 | 1.5mm | 1900 | Variable Ratio/ Automatic Injection |
| EC65PL-01 | 6DH4-3 | Q-2 (247) | 3.0 | 3130334 | 1.5mm | 1990 | Variable Ratio/ Automatic Injection |