



## PLEASE READ CAREFULLY BEFORE PROCEEDING WITH INSTALLATION

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### Product Disclaimer

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- There is no warranty stated or implied due to the unusual stresses placed on competition products and/or the inability to monitor the modification, installation and use. The entire risk of quality, performance and defect is with the purchaser and not the manufacturer, distributor or retailer. Should any product(s) prove to be defective for any reason under any circumstance, the purchaser and not the manufacturer, distributor or retailer will assume financial responsibility for any consequential damages, repairs/service and any other liability.
- A vehicle modified by the use of competition product(s) for use on public roadways may not meet local, state or federal regulations. Installation and use of this competition product(s) may also affect vehicle insurance coverage. It is the purchaser's responsibility to meet and comply with regulations and policies before operating the vehicle on public roadways.
- Return of product(s) will **ONLY** be accepted if product(s) is in resell able condition. All accepted returns will be subject to a 20% restocking fee. **ABSOLUTELY NO RETURNS ON USED PRODUCTS.** For more information on our return policy, please call (951) 808-9888.
- For technical support, visit the HelpDesk at [www.skunk2.com](http://www.skunk2.com) or call (951) 808-9888
- Group A Autosports Inc., recommends the following performance products to maximize power gains:
  - Header/high-flow exhaust system
  - Cold-air intake system
  - Fuel pressure regulator
  - Camshafts/adjustable cam gears

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### Warranty Policy

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Group A Autosports Inc. warranties all products to be free of defects in materials and workmanship for normal use and service for a period of 90 Days from the date of retail purchase. Products returned must be inspected and determined to be defective by Group A Autosports Inc. before any warranty credit and/or replacement is issued. Group A Autosports Inc.'s obligation under warranty shall be limited to repairing or replacing, at its discretion, any product found to be defective. The consumer will be responsible for transportation charges. Final determination of the suitability of the product(s) for the intended use is the sole responsibility of the consumer. Group A Autosports Inc. shall not be liable for any special, direct, indirect, incidental or consequential damages that may be claimed as a result of the failure of any product, including claims for delay, loss of profits or labor. Group A Autosports Inc. shall not be liable for any damage and/or injury to person(s) and/or property resulting from improper installation and/or misuse of any product subject to this warranty. There are no other warranties expressed and/or implied extending beyond those set forth above.

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## K-Series iVTEC Camshaft Set

### Stage 1

### Part # 305-05-0220

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### For Models/Years

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|-----------------------------------|-------------------------|
| • 2002-2006 RSX Type S (K20A2)    | • 2004-2006 TSX (K24A2) |
| • 2002-2006 Integra Type R (K20A) | • 2006 Civic Si (K20Z)  |

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## INSTALLATION IS REQUIRED BY AN EXPERIENCED AUTOMOTIVE MECHANIC / TECHNICIAN

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*Before the removal and installation of parts, please refer to the factory service manual*

### WARNING!!!

- It is the responsibility of the engine builder or end user to check all clearances when using high lift camshafts
- K-series Stage I camshafts are not emissions legal
- Improperly installed and degreed camshafts can cause catastrophic engine damage and failure.
- Camshafts will place greater stresses on valvetrain components and cause higher rates of wear
- Installer should double check piston-to-valve clearance
- We strongly recommend the use of Skunk2 valve springs (P/N 311-05-0380) and titanium retainers (P/N 308-05-0410). However, these camshafts may be used with stock valve springs and retainers that can accommodate the cam lift listed below. For engines originally equipped with single valve springs, you must install Skunk2 spring bases (P/N 312-05-0010) to accommodate the dual valve springs
- It is the sole responsibility of the installer to verify “travel before bind”

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*These camshaft specifications are the recommended settings. It is the responsibility of the engine builder to check all clearances.  
For optimum power the vehicle must be dyno tested and tuned to accommodate each individual engine setup*

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### Camshaft Specifications

#### Intake:

266° / 0.531" lift @ 0.000" lash

#### Exhaust:

262° / 0.492" lift @ 0.000" lash

#### Tappet Clearance

- **MUST BE MEASURED AT THE VALVE TIP:**

Intake: 0.008" (cold)

Exhaust: 0.010" (cold)

#### Lobe Centerline:

Intake: variable (adjust with ECU)

Exhaust: 107° BTDC

**\* The use of a Skunk2 Adjustable Exhaust Cam Gear will allow additional adjustment for fine tuning of the power curve.**

### NOTES

- These camshafts are designed to be used with the factory cam gears
- For street applications, we recommend the use of the exhaust cam gear only. The use of the Skunk2 adjustable intake cam gear would eliminate the VTC function of the engine