

20322 VALENCIA CIR.,  
LAKE FOREST, CA 92630  
P: 949.454.8854  
F: 949.454.8881  
www.kyoshoamerica.com

## Evolve 2005 Notes

The following is a list of new parts organized by step number to help you identify which of the parts from the 2005 are different from the 2003 model. Refer to the attached picture of the 2005 conversion for part numbers used. We've also included what improvement these parts provide.

### Step 5

List of replaced part:

- 1) (296)– Front Bulkheads (*New to accommodate the belt adjustment cams*)
- 2) (367,368) - Left and Right halves of anti-roll bar (*New softer version*)
- 3) (375) – Upper arm mounts (on their own parts tree, 2 pcs.) (*wider to allow for shorter upper arms*)
- 4) (376) – Upper suspension arm (*longer for more range of width adjustment*)
- 5) (377) – Lower front suspension arm (*Narrower front to rear to allow for wheel base changes*)
- 6) (378) – Anti-Roll bar mounts (*New to accommodate for wheelbase adjustments*)
- 7) (329) – Inner hinge pin on lower suspension arm (*Longer to accommodate the adjustable wheelbase*)
- 8) 3x16 screw for anti-roll bar mount (normal wheelbase)
- 9) 3x18 screw for anti-roll bar mount (short wheelbase)

(379) Only used in long wheel base configuration

(380) Only used in short wheel base configuration

### Step 7

List of replaced or new parts

- 1) (366) 12mm x 18mm Ball Bearing (*smaller bearings to fit into the belt adjuster cams, also lighter*)

### Step 8

List of replaced or new parts

- 1) (369,370) Concentric belt adjustment cams
- 2) (337) Belt Long 207T (*Wider for more strength*)

### Step 10

List of replaced or new parts

- 1) (385) Kydex front body mount (*Much more forgiving, will not snap in a wreck*)

### Step 16

List of replaced or new parts

- 1) (373,374) Spur gears for first and second gear (*New tooth profile for less wear and a stronger gear*)

### Step 18

List of replaced or new parts

- 1) (366) 12mm x 18mm Ball Bearing (*smaller bearings to fit into the belt adjuster cams, also lighter*)
- 2) (386) 12mm x 15mm x .2mm Shims

### Step 19

List of replaced or new parts

- 1) (299,300) Rear bulkheads (*New to accommodate the belt adjustment cams*)

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- 2) (369,370) Concentric belt adjustment cams
- 3) (221) Upper brace for rear bulkheads (*For improved braking*)
- 4) (222) Brake Lever Arm (*Reshaped for better brake feel and easier linkage setup*)
- 5) (189) Rear belt 201T

#### Step 22

List of replaced or new parts

- 1) (323) Inner hinge pin for upper rear suspension arm (*new flat on pin for set screw*)
- 2) (27) Rear bulkhead cap

#### Step 27

List of replaced or new parts

- 1) (301) Fuel Tank (*new filler cap with better seal*)

#### Step 41

List of replaced or new parts

- 1) (371) First gear pinion (*reshaped tooth profile to strengthen the pinion gears and lessen wear*)
- 2) (372) Second gear pinion (*reshaped tooth profile to strengthen the pinion gears and lessen wear*)

