

















































BAG L

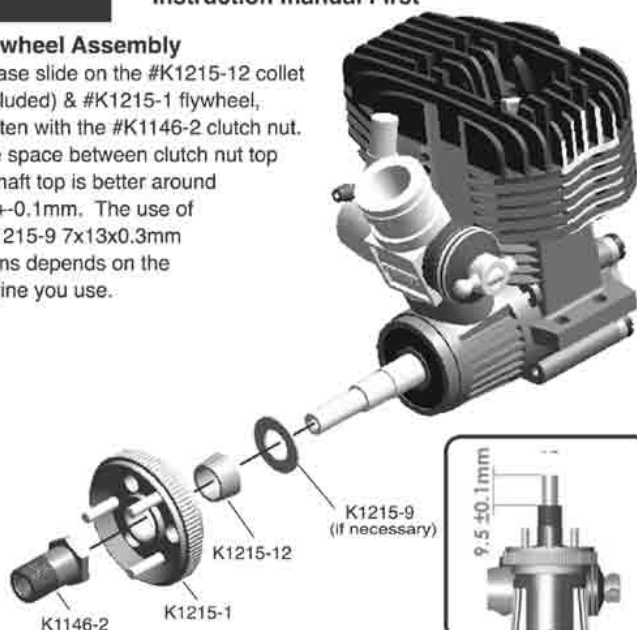
 1:1 K1215-12, qty 1 30mm Push Type Clutch Collet 	 1:1 116209, qty 2 3x4.8x0.1mm Shim (2) 	 1:1 K1215-9, qty 1 7x13x0.3mm Washer 	 1:1 K1215-6, qty 1 30mm Push Type Clutch Spring Adjusting Nut 	 1:1 K1215-9, qty 1 5x9x0.1mm Washer 	 1:1 K1146-14, qty 2 5x10mm Bearing 	 1:1 116209, qty 2 3x4.8x0.3mm Shim (2) 	 1:1 K1341-2, qty 1 30mm Push Type Clutch Spring (Silver) 
 1:1 102622-3S, qty 4 3x8mm FH Screw 	 1:1 126310C, qty 5 3x10mm Cap Screw 	 1:1 K1146-15, qty 1 3x12mm Cap Screw 	 1:1 K1146-11, qty 1 Thrust Bearing, 5x10mm 	 1:1 102622-3S, qty 4 3x8mm FH Screw 	 1:1 K1215-8, qty 1 30mm Push Type Clutch Set Thrust Bearing Retainer 	 K1215-3, qty 1 30mm Push Type Clutch Shoe Plate 	 K1146-2, qty 1 Push Type Clutch Nut 
 K1215-2, qty 3 30mm Push Type Clutch Special Centrifugal Shoe. 	 K1146-7, qty 1 Push Type Clutch Spring Cup 	 K1413, qty 1 20T 1st Pinion Gear 	 K1416, qty 1 24T 2nd Pinion Gear 	 K1215-4, qty 1 30mm Push Type Clutch Shoe 	 K1215-7, qty 1 G4 30mm Push Type Clutch Housing 	 502241, qty 1 Engine Mount 	 K1215-1, qty 1 30mm Push Type Clutch Flywheel 

STEP 1

Please Read K1410
Instruction manual First

Flywheel Assembly

Please slide on the #K1215-12 collet (included) & #K1215-1 flywheel, tighten with the #K1146-2 clutch nut. The space between clutch nut top & shaft top is better around 9.5±0.1mm. The use of #K1215-9 7x13x0.3mm shims depends on the engine you use.

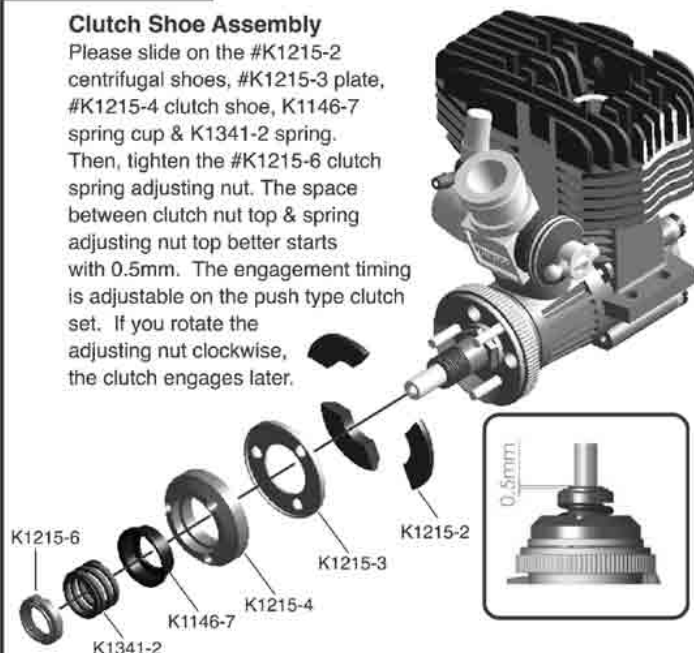


Add #116209 3x4.8mm shims to reach 9.5±0.1mm if necessary.

STEP 2

Clutch Shoe Assembly

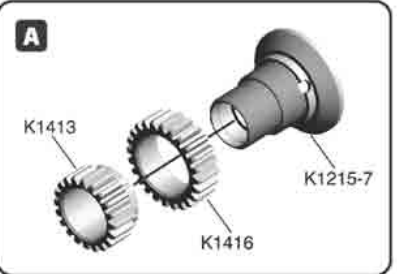
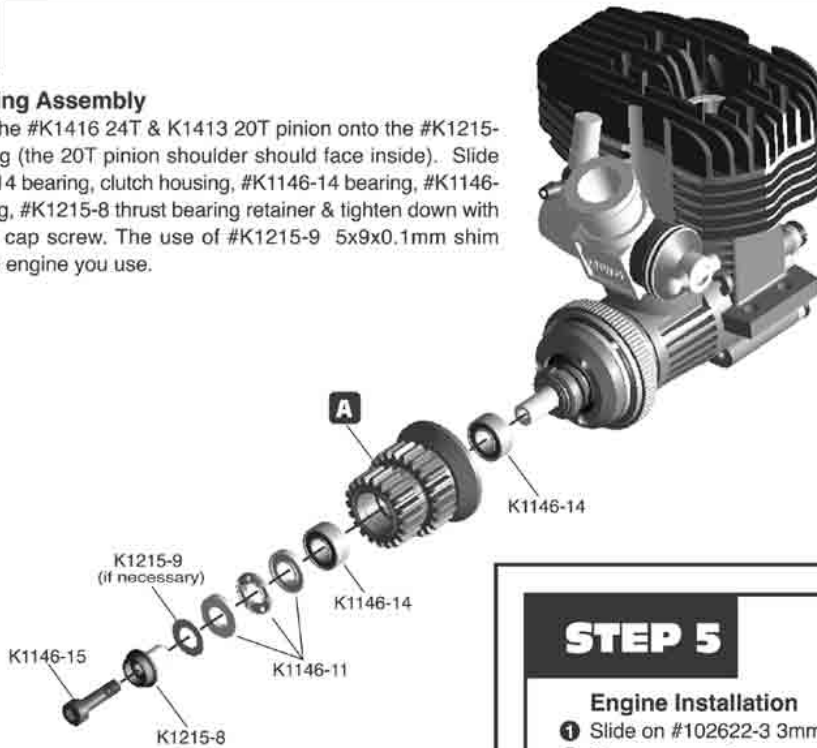
Please slide on the #K1215-2 centrifugal shoes, #K1215-3 plate, #K1215-4 clutch shoe, K1146-7 spring cup & K1341-2 spring. Then, tighten the #K1215-6 clutch spring adjusting nut. The space between clutch nut top & spring adjusting nut top better starts with 0.5mm. The engagement timing is adjustable on the push type clutch set. If you rotate the adjusting nut clockwise, the clutch engages later.



STEP 3

Clutch Housing Assembly

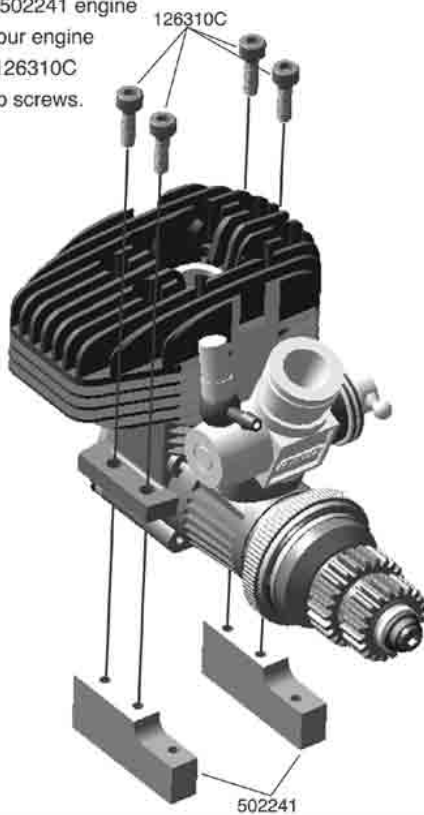
Please thread the #K1416 24T & K1413 20T pinion onto the #K1215-7 clutch housing (the 20T pinion shoulder should face inside). Slide on the #K1146-14 bearing, clutch housing, #K1146-14 bearing, #K1146-11 thrust bearing, #K1215-8 thrust bearing retainer & tighten down with the #K1146-15 cap screw. The use of #K1215-9 5x9x0.1mm shim depends on the engine you use.



STEP 4

Engine Mount Assembly

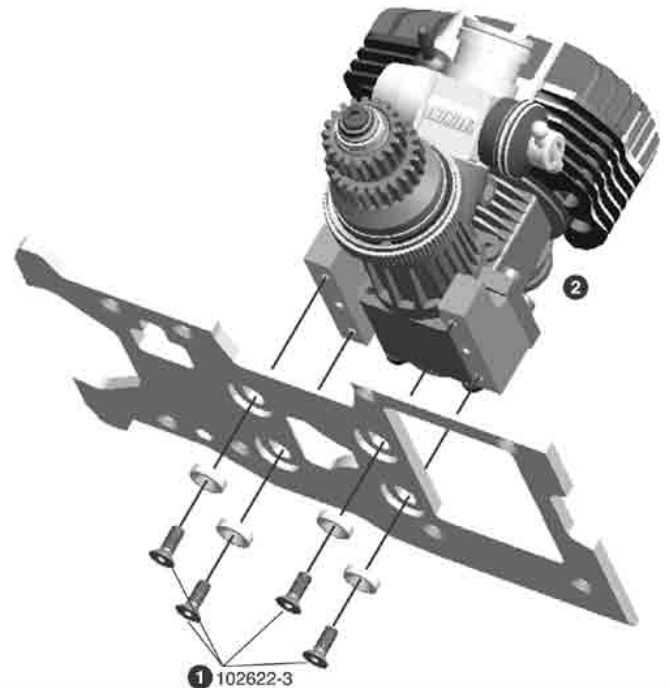
Attach the #502241 engine mounts to your engine with 4pcs #126310C 3x10mm cap screws.



STEP 5

Engine Installation

- 1 Slide on #102622-3 3mm FH washers onto 3mm FH screws.
- 2 Place your engine assembly on top of the chassis. Attach the engine to the chassis with the above four screws. Do not tighten the screws yet.
- 3 Now we set the spur to pinion gear spacing, known as gear mesh. Make sure you can still slide your engine, then mesh the clutch bell pinions with the spur gears. The correct gear spacing is when the pinion is close to the spur gear, but if you hold the pinion gears, you should still be able to rock the spur gears back & forth slightly with light pressure. Roll the gears and check the mesh in several different locations on the spur gear. Now tighten the four motor screws. Recheck the mesh.






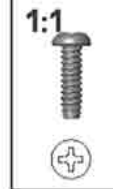









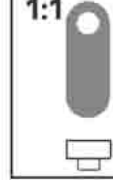















Optional Parts

K1412 G4 Hard Coated Alum. Light 19T Clutch Gear
 K1413 G4 Hard Coated Alum. Light 20T Clutch Gear
 K1414 G4 Hard Coated Alum. Light 21T Clutch Gear

K1415 G4 Hard Coated Alum. Light 23T Clutch Gear
 K1416 G4 Hard Coated Alum. Light 24T Clutch Gear
 K1417 G4 Hard Coated Alum. Light 25T Clutch Gear

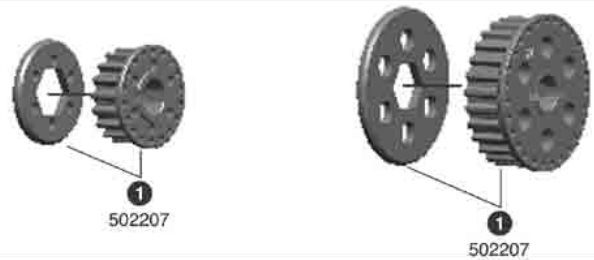
BAG M

 116310CR, qty 12 3x10mm Cross FH TP Screw G7	 111050S, qty 1 3x6mm Cross FH Screw G6	 150612, qty 2 6x12x4mm Bearing G5	 116203, qty 2 E5 E-clip G4	 116201, qty 2 2x11mm Pin G3	 116310RCR, qty 1 3x10mm Cross RH TP Screw G2	 111050S, qty 1 3x3mm Set Screw G1	 111118, qty 2 R5 R-clip M8	 502217, qty 1 Short Ball Stud G3	
 502246, qty 1 Middle Mount M1	 502245, qty 1 Middle Shaft G5	 111050S, qty 1 Pipe Holder Mount M2	 502207, qty 1 18T Pulley Lid M1	 502207, qty 1 27T Pulley Gear M1	 502207, qty 1 27T Pulley Lid M1	 502222, qty 2 Servo Spacer 2.4mm K3	 502222, qty 2 Servo Spacer 1.2mm K3	 116308RCR, qty 3 3x8mm Cross RH TP Screw G5	 116312RCR, qty 1 3x12mm Cross RH TP Screw G5
 502213, qty 1 Receiver Mount M3	 116205, qty 1 Double Side Tape K6	 502248, qty 1 Side Belt G1	 111050S, qty 1 Pipe Holder Spring M2	 502217, qty 1 Fixed Linkage Rod M3	 502247, qty 1 Fuel Tank M5	 502221, qty 1 Servo Arm (Futaba) K1	 502223, qty 1 Servo Arm (Ko, Sanwa & JR) K1	 502219, qty 1 Steering Servo Mount M3	 502207, qty 1 18T Pulley Gear M1

STEP 1

Pulley Assembly

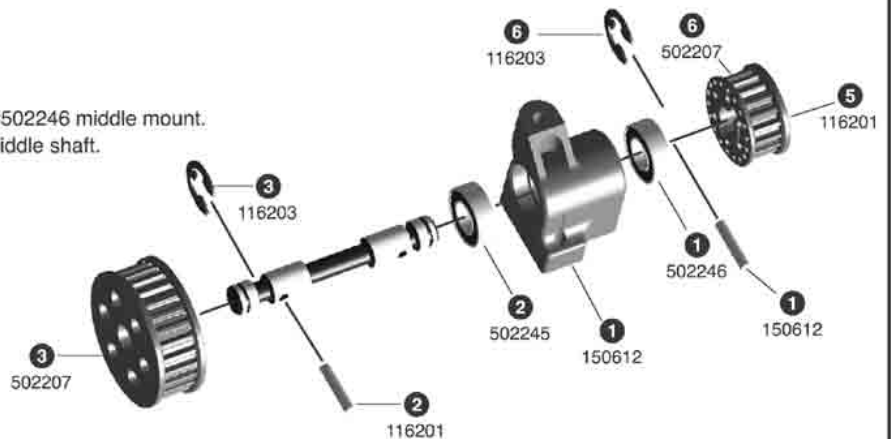
- 1 Attach the #502207 18T pulley lid to the 18T pulley gear.
- 2 Attach the #502207 27T pulley lid to the 27T pulley gear.



STEP 2

Middle Mount Assembly

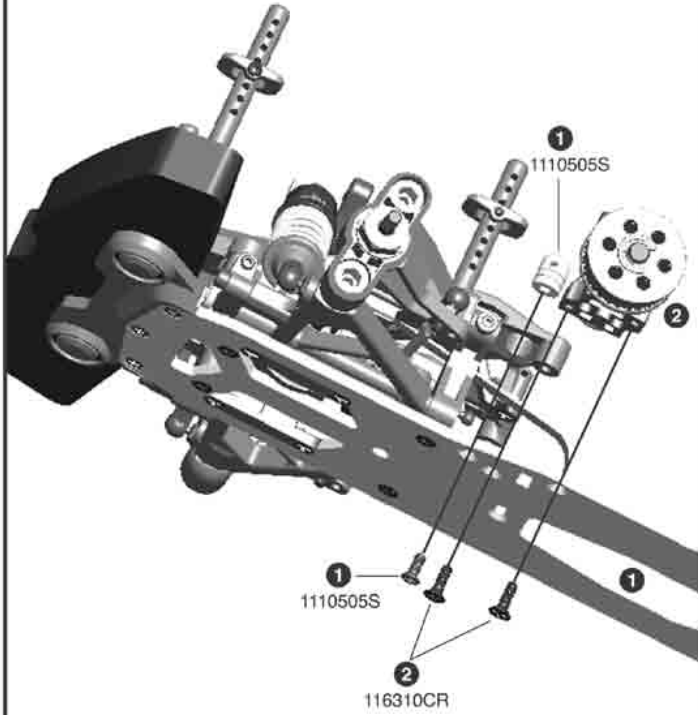
- 1 Install a #150612 6x12x4mm bearing on both sides of the #502246 middle mount.
- 2 Install & center a #116201 2x11mm pin into the #502245 middle shaft.
- 3 Slide the #502207 27T pulley onto the middle shaft & add a #116203 E5 E-clip.
- 4 Slide the middle shaft assembly through the middle mount.
- 5 Install & center a #116201 2x11mm pin into the #502245 middle shaft.
- 6 Slide the #502207 18T pulley onto the middle shaft & add a #116203 E5 E-clip.



STEP 3

Middle Mount Installation

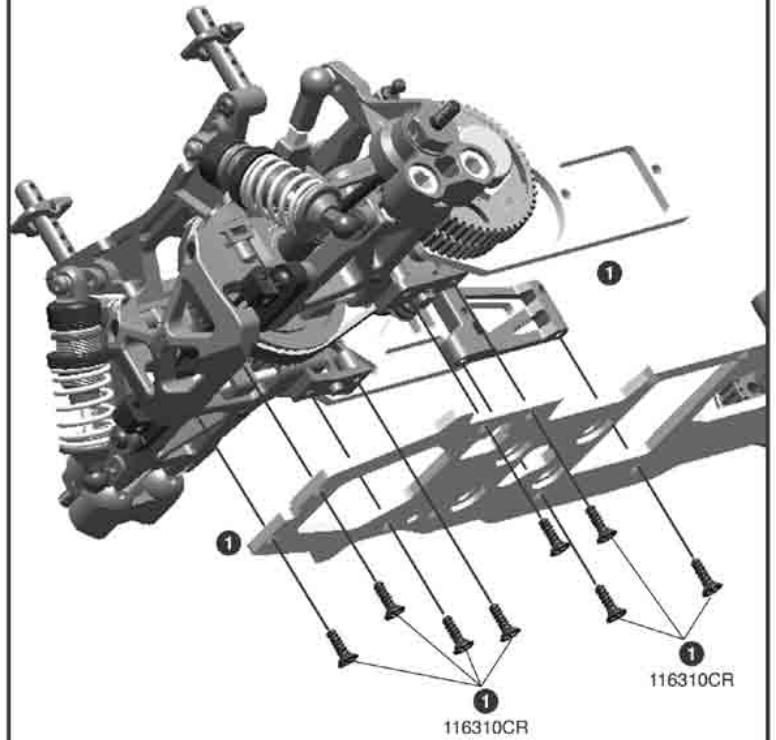
- 1 Attach the #111050S pipe holder mount to the chassis with a 3x6mm cross FH screw. Please have the pipe spring hole facing outside.
- 2 Attach the middle mount assembly to the chassis with 2pcs #116310CR 3x10mm cross FH screws.



STEP 4

Rear Suspension System Installation

- 1 Attach the rear suspension assembly to the chassis with 8pcs #116310CR 3x10mm cross FH TP screws.



STEP 5

Radio Plate Installation

- 1 Attach the radio plate assembly to the chassis with 3pcs #116310CR 3x10mm cross FH TP screws.
- 2 Attach the #502213 receiver mount to the alum. side plate with 2pcs 116310RCR 3x10mm cross RH TP screws for the bottom.
- 3 Detach front upper stiffener assembly for easy installation if necessary.

