

INSTRUCTION MANUAL

1/10 Scale 4WD Nitro RC Car



RH1003 N1 (Single Speed)

RH1004 N2 (Two Speed)

V22.5



RH1003 N1 (Single Speed)

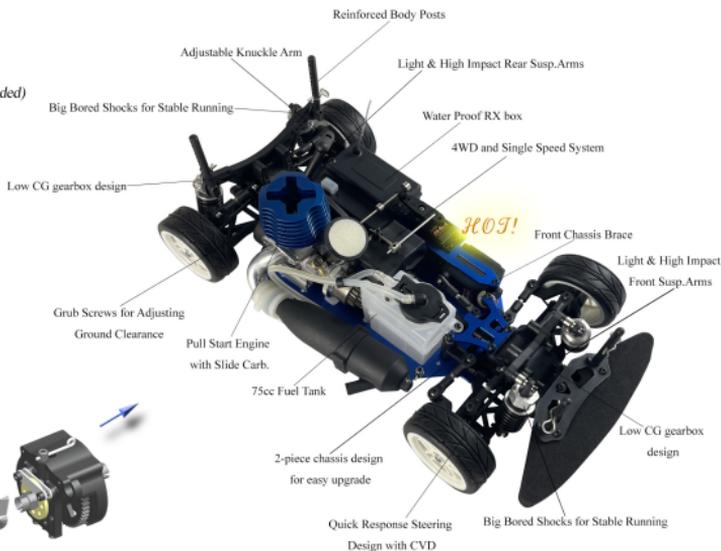
RH1003 Specs.:

1. Length: 364 mm (Body shell not included)
2. Width: 190 mm
3. Wheelbase: 258/261 mm
4. Gear Ratio: 6.5:1
5. Tyre: Ø 65*26 mm

Standard Equipments:

1. Steering Servo: 3kg
2. Throttle Servo: 3kg
3. Engine: FC 18
4. Radio: 2.4 GHz

single speed



RH1004 N2 (Two Speed)

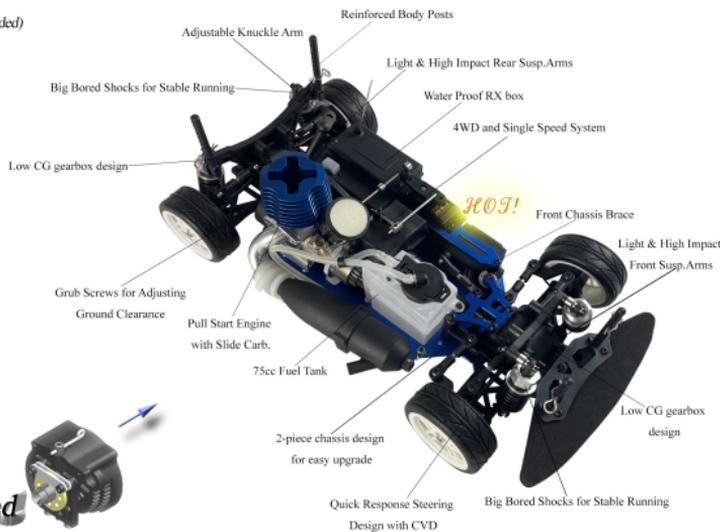
RH1004 Specs.:

1. Length: 364 mm (Body shell not included)
2. Width: 190 mm
3. Wheelbase: 258/261 mm
4. Gear Ratio: 6.5:1
5. Tyre: Ø 65*26mm

Standard Equipments:

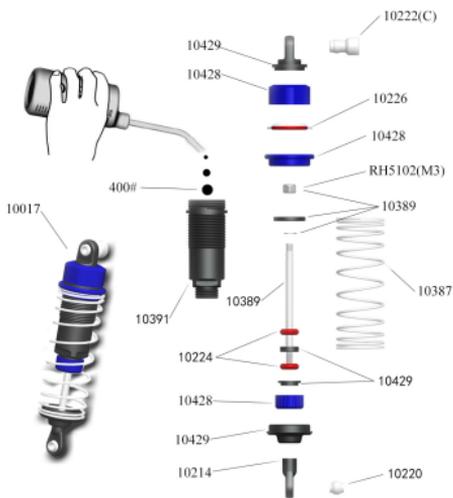
1. Steering Servo: 3kg
2. Throttle Servo: 3kg
3. Engine: FC18
4. Radio: 2.4GHz

Two speed



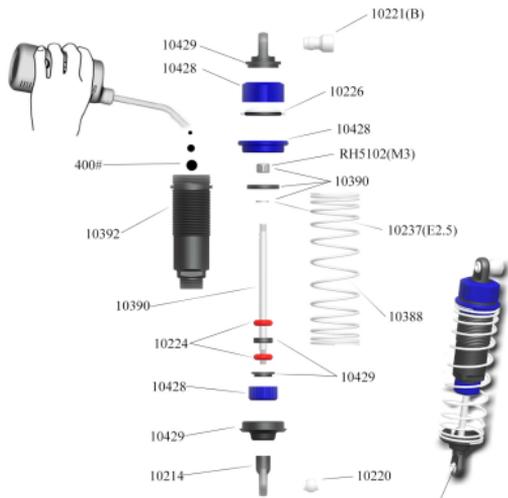
FRONT & REAR SHOCK ASSEMBLY

Front Shocks



(Dia.2-1)

Rear Shocks



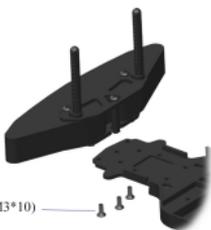
(Dia. 2-2)

Assemble front assembly to chassis front.(See Dia. 2-3)



85125(M3*10)

Assemble Front Bumper Assembly to chassis rear part.(See Dia. 2-4)



85125(M3*10)

Mount the wheels
(See Dia. 2-5)



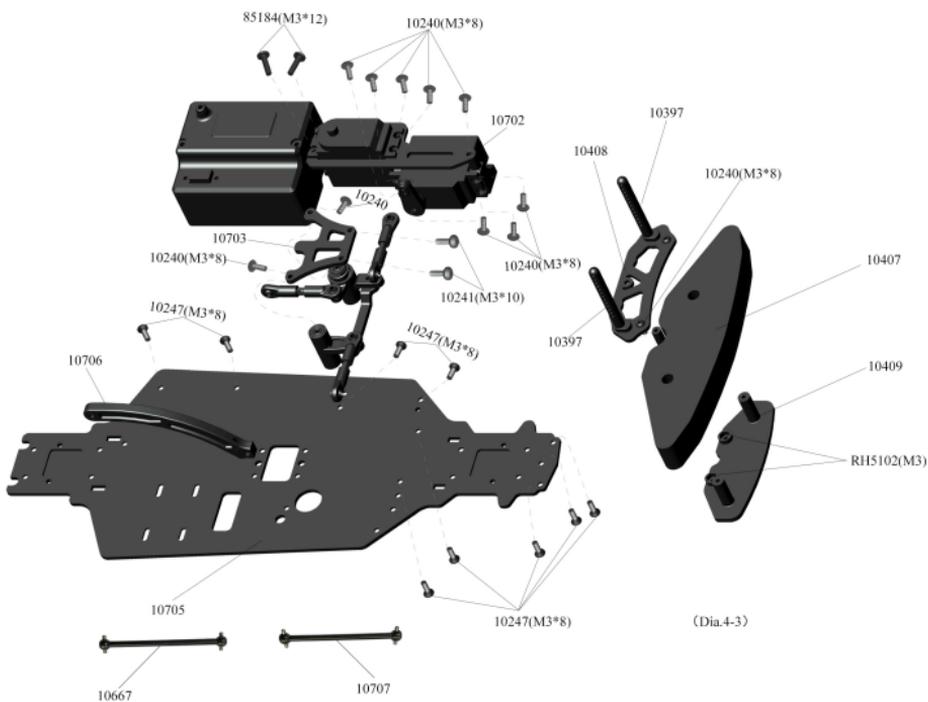
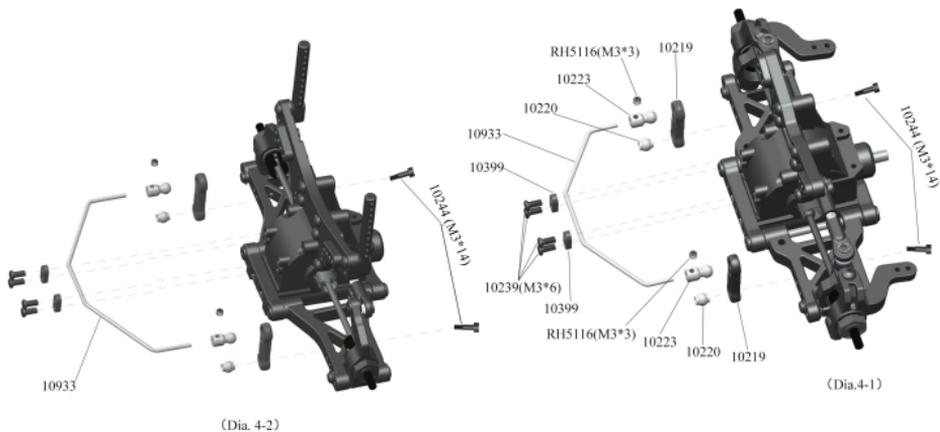
RH5103(M4)

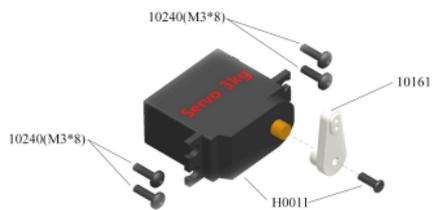
X-Ranger N1 and N2 are just different in Center Transmission, please refer Dia.5-2 and Dia.5-3.

we have optional front and rear sway bar for upgrade,

which adds higher racing performance,

Optional Front & Rear Sway Bar # 10933





Steering Servo



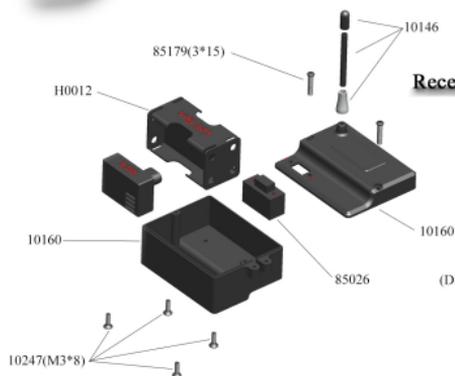
(Dia.6-1)



Throttle Linkage



(Dia.6-3)

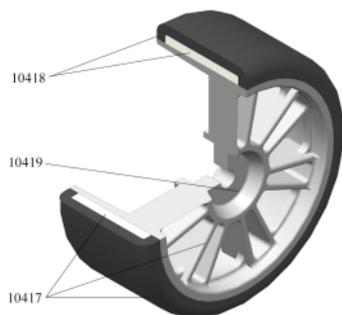


Receiver Assembly



(Dia.6-2)

Tyres



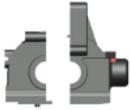
(Dia.6-5)

Fuel Tank

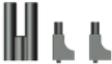


(Dia.6-4)

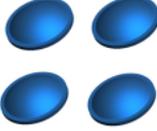
Part List

<p>10003-Diff Gearbox Set 1set</p> 	<p>10046-Fuel tank Set 1set</p> 	<p>10005-Central Transmission Complete 1Set(Single Speed)</p>  <p>RH1003</p>	<p>10006-Central Transmission Complete 1Set(Two Speed)</p>  <p>RH1004</p>
<p>10017-Front Shocks 2pc</p> 	<p>10018- Rear Shock Tower 2pc</p> 	<p>11068-C clip ø8mm 4pcs</p> 	<p>10115-Uprights 2pc</p> 
<p>10118-Rear Drive Shaft 2pc</p> 	<p>10120-Front Susp. Holders 2pc</p> 	<p>10121-Rear Susp. Holders 2pc</p> 	<p>10125-Gearbox Housing Set 2pcs</p> 
<p>10124-Diff.Drive Gear w/pin 2sets</p>  <p>13T</p>	<p>10125-Diff Case 2pcs</p> 	<p>10127-Diff Drive Gear 2pcs</p>  <p>13T</p>	<p>10128-Diff Bevel Gear S. 4pcs</p>  <p>10T</p>
<p>10129-Diff Bevel Gear B. 4pcs</p>  <p>13T</p>	<p>10130-Diff pin 2pcs</p> 	<p>10132-Diff Drive Cup 4pcs</p> 	<p>10133-Center Coupler 3pcs</p> 
<p>10136-Servo Saver Post 2pcs</p> 	<p>10137-Steering Ackerman 1set</p> 	<p>10151-Manifold Gasket 6pc</p> 	<p>10153-Metal Bushing 8*5*2.5 6pc</p> 

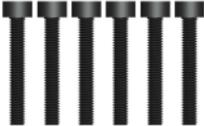
Part List

<p>10154-Servo & Upper Plate Mounts 1set</p> 	<p>10158-Fuel Line 2pcs</p> 	<p>10706-Rear Chassis Brace</p> 	<p>10160-Receiver Box 1set</p> 
<p>10161-Servo Horns</p> 	<p>10162-Chassis Brace mount 1pc</p> 	<p>10163-Stopper 6pcs</p> 	<p>10164-Throttle Linkage 1set</p> 
<p>10167-Air filter 1Set</p> 	<p>10168-Tuned Pipe 1Set</p> 	<p>10169-Silicone Coupler 1Set</p> 	<p>10173-Engine mount 2pcs</p> 
<p>10174-Central Transmission Bulkheads 2pcs</p> 	<p>10175-Brake Post 1Set</p> 	<p>10176-Brake Set 1set</p> 	<p>10177-Brake Cup 2pcs</p> 
<p>10178-Single Speed Shaft w/pin</p>  <p>RH1003</p>	<p>10179-50T Gear(Single Speed)1pc</p>  <p>RH1003</p>	<p>10180-Two Speed Clutch 1Set</p>  <p>RH1004</p>	<p>10181-Two Speed Shaft 1pc</p>  <p>RH1004</p>
<p>10182-50T Two Speed Gear 1pc</p>  <p>RH1004</p>	<p>10183-45T Two Speed Gear 1pc</p>  <p>RH1004</p>	<p>10214-Shock Ball End 6pcs</p> 	<p>10215-Servo Link Ball End 6pcs</p> 

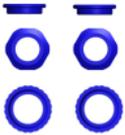
Part List

<p>10216-Steering Linkage Ball End 6pcs</p> 	<p>10219-Sway Bar Holders 6pcs</p> 	<p>10220-Ball A 6pcs</p> 	<p>10221-Ball B 6pcs</p> 
<p>10222-Ball C 6pcs</p> 	<p>10224-Shock O-ring(Lower) 6pcs</p> 	<p>10225-Diff O-ring Seal 6pcs</p> 	<p>10226-Shock Seal Cover 4pcs</p> 
<p>10228-Pin ϕ 2*10 6pcs</p> 	<p>10231-One Way Bearing 3pcs</p> 	<p>10232-Ball Bearing 15*10*4 6pcs</p> 	<p>10233-Ball Bearing 10*5*4 6pcs</p> 
<p>10237-E clip-2.5mm 6pc</p> 	<p>10239-Round Head Self Tapping Hex Screw M3*6 6pc</p> 	<p>10240-Button Head Hex Screw M3*8 6pc</p> 	<p>10241-Button Head Hex Screw M3*10 6pc</p> 
<p>10242-Button Head Hex Screw M3*14 6pc</p> 	<p>10244-H Cap Head Hex Screw M3*14 6pc</p> 	<p>10245-Cap Head Hex Screw M3*18 6pc</p> 	<p>10247-Flat Head Hex M3*8 6pc</p> 
<p>10248-Flat Head Hex Screw M3*12 6p</p> 	<p>10249-Flat Head Hex Screw M3*14 6p</p> 	<p>10250-Flat Head Hex Screw M3*20 6p</p> 	<p>10251-Flat Head Hex Screw M3*36 6p</p> 

Part List

<p>10322-Clutch Bell(16/21T) 1pc</p>  <p>RH1004</p>	<p>10331-Clutch Bell(16T) 1pc</p>  <p>RH1003</p>	<p>10383- Front Shock Tower 1pc</p> 	<p>10384-Rear Shock Tower 1pc</p> 
<p>10385-Cap Head Hex Screw M3*20 6pcs</p> 	<p>10387-Front Shock Spring 2pc</p> 	<p>10388-Rear Shock Spring 2pc</p> 	<p>10389-Front Shock Shaft & Piston Set 2sets</p> 
<p>10390-Rear Shock Shaft & Piston Set 2sets</p> 	<p>10391-Front Shock Body 2pc</p> 	<p>10392-Rear Shock body 2pc</p> 	<p>10395-Steering Knuckle Arm 1set</p> 
<p>10397-Body Post 1set</p> 	<p>10399-Sway Bar Fix Plate 6pcs</p> 	<p>10401-Front Lower Susp.Arm 2pcs</p> 	<p>10402-Rear Lower Susp.Arm 2pcs</p> 
<p>10403-Front CVD 2sets</p> 	<p>10404-Upper Susp.Arm 4pcs</p> 	<p>10405-Steering Arm 2pcs</p> 	<p>10406-Servo Linkage 1pc</p> 
<p>10407-Bumper sponge 1pcs</p> 	<p>10408-Sponge cover 1pcs</p> 	<p>10409-Bumper Rail 1pcs</p> 	<p>10415-Hinge Pins(long & short) 1set</p> 

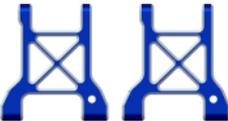
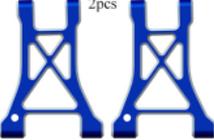
Part List

<p>10417-Touring wheel complete 2sets</p> 	<p>10418-Touring tyre & insert 2sets</p> 	<p>10419-Touring rim 2pcs</p> 	<p>10428-Shock Cap&Adjust Ring 2sets</p> 
<p>10429-Shock Lower holder 2sets</p> 	<p>10444-Wheel Hub 4pcs</p> 	<p>10550-Rear Hub Carrier 2pc</p> 	<p>10667-Central Dogbone R. 1pc</p> 
<p>10702-Upper plate 1pc</p> 	<p>10703-Upper steering plate 1pc</p> 	<p>10704-Manifold 1Set</p> 	<p>10705-Chassis plate 1pc</p> 
<p>10707-Central Dogbone F. 1pc</p> 	<p>10708-Steering servo post 1pc</p> 	<p>85026-Switch Cover 2pcs</p> 	<p>85029-Body Clip(Small Size) 6pcs</p> 
<p>85034-Body Clip(Medium Size) 6pcs</p> 	<p>85035-Flywheel 1pc</p> 	<p>85045-Clutch Shoes & Springs</p> 	<p>85087-Clutch Nut 2pcs</p> 
<p>85125-Flat Head Hex Screw M3*10 8p</p> 	<p>85127-Flat Head Hex Screw M3*18 3p</p> 	<p>85144-Ring Self Tapping Screw 3*4 4pc 10256-Ring Self Tapping Screw 3*6 6pc</p> 	<p>85175-Round Head Self Tapping Hex Screw 3*10 8pcs</p> 

Part List

<p>85182-Cap Head Hex Screw M3*10 6pcs</p> 	<p>85184-Button Head Hex Screw M3*12 6pcs</p> 	<p>85195-Zip Tie 6pcs</p> 	<p>P0014-FC.18 engine 1pc</p> 
<p>H0011 -3kg/cm Servo 1pcs</p> 	<p>H0068 - 2.4GHz Transmitter 1pc</p> 	<p>RH5102-Nylon Lock Nut M3 6pc</p> 	<p>RH5103-Nylon Lock Nut-M4 6pc</p> 
<p>RH5116-Set Screw M3*3 6pc</p> 	<p>RH5117-Set Screw M4*4 6pc</p> 	<p>RH5118-Button Head Hex Screw M4*10 6pc</p> 	<p>RH5190-E clip-4mm 6pc</p> 
<p>RH5526-Diff 16T Gear Washer 6pcs</p> 	<p>R0155B-Printed Body (BLUE)</p> 	<p>R0155R-Printed Body (RED)</p> 	<p>R0155G-Printed Body (Green)</p> 
<p>10126 Diff Drive Spur Gear 2pcs</p> 	<p>10135BL Steering Servo Saver 1set</p> 	<p>10413 Rear Dogbone</p> 	

Upgrade Parts List

<p>10911 - Steering Ackerman (AL) 1pc</p> 	<p>10912 - Front Susp. Holders (AL) 1Set</p> 	<p>10914 - Rear Susp. Holders (AL) 1Set</p> 	<p>11027 - Wheel Hub(AL) 4pc</p> 
<p>10920 - Tuned Pipe(AL) 1Set</p> 	<p>10489-Drifting tyres 4pcs</p> 	<p>10933-Sway Bar 1set</p> 	<p>10949-Front Shock Tower(Carbon)1pc</p> 
<p>10950-Rear Shock Tower(Carbon) 1pc</p> 	<p>10952-Front Lower Susp.Arm(AL) 2pcs</p> 	<p>10953-Rear Lower Susp.Arm(AL) 2pcs</p> 	<p>10954-Steering Knuckle Arm(AL) 1set</p> 
<p>10955-Rear Hub Carrier(AL) 2pcs</p> 	<p>10957-Front bumper cover(Carbon) 1pc</p> 	<p>10958-Front Shocks (AL) 2pcs</p> 	<p>10959-Rear Shocks (AL) 2pcs</p> 