

#### INSTRUCTION MANUAL SUPPLEMENTARY SHEET

Use this NT1 2013 Supplementary Instruction Sheet along with the standard NT1 Instruction Manual included in the kit.

#### <u>New and Improved Parts</u>

All of these parts are new or updated from the previous versions. Each part features its corresponding part number which can be used to for re-ordering. You can also refer to the complete exploded views.

Please note that this kit does not include a turnbuckle tool. We recommend that you purchase the #181030 HUDY Turnbuckle Tool 3mm.

### NTI 2013 SPEC





COMPOSITE LOWER & UPPER BULKHEAD FRONT LEFT FOR WIRE ANTI-ROLL BAR



FOAM BUMPER FOR ANTI-ROLL BAR

**GRAPHITE SHOCK TOWER FRONT 2.5MM - LOW** 



COMPOSITE LOWER & UPPER BULKHEAD FRONT RIGHT FOR WIRE ANTI-ROLL BAR



332112 COMPOSITE SUSPENSION ARM FRONT LOWER - FOR WIRE ANTI-ROLL BAR



332411 COMPOSITE FRONT ANTI-ROLL BAR HOLDER & ECCENTRIC W/O UPSTOP (2+2)



ANTI-ROLL BAR FRONT 2.6 MM

332082





ANTI-ROLL BAR PIVOT BALL 4.9 MM (2)

333021

CENTER





BALL JOINT 4.9MM - OPEN (4)



333011 COMPOSITE LOWER & UPPER BULKHEAD REAR RIGHT - EXTRA ROLL CENTER



335072 LIGHTWEIGHT DIFF OUTDRIVE ADAPTER-HUDY SPRING STEEL<sup>™</sup> (2)









SPRING C=7.8 FOR GEAR BOX - MEDIUM - SILVER (2)











338082



336191 COMPOSITE ROLL-OVER BAR WITH EYELET



336111 GRAPHITE RADIO PLATE - MULTI-FLEX™



335073 LIGHTWEIGHT DIFF OUTDRIVE ADAPTER - LONG - HUDY SPRING STEEL ™ (2)



338000-0 ALU SHOCK ABSORBER-SET - LOW PROFILE - ORANGE (2)

XCA (XRAY CENTRIFUGAL-AXIAL) CLUTCH SET - REVERSE

338502

338741

ALU EXHAUST WIRE MOUNT - ORANGE

upgraded parts included in the kit

0 0 0 0

338581

**CLUTCH SPRING - MEDIUM** 



336181 STEEL RADIO PLATE MULTI-FLEX TM BUSHING - FLEX (2)



335250 ALU WHEEL HUB 12MM - BLACK (2)





336182 ALU RADIO PLATE MULTI-FLEX TM BUSHING - FIXED (2)



335711 FRONT MIDDLE SHAFT - HUDY SPRING STEEL<sup>™</sup> - LIGHTWEIGHT





This Supplementary Sheet highlights and explains correct building information and you should refer to them while building your NT1 kit.







Blade anti-roll bar (Alternative 1) recommended for long, fast tracks when maximum cornering speed is needed. With the blade anti-roll bar, the car will not dive in the corners and will maintain maximum speed.

Wire anti-roll bar (Alternative 2) recommended for smaller, technical tracks when fast direction changes and side weight changes are needed.

## **ALTERNATIVE 1 (BLADE ANTI-ROLL BAR)**



## 4. FRONT SUSPENSION



# ALTERNATIVE 2 (WIRE ANTI-ROLL BAR)





0mm

correctly. If not, make sure that both downstops are the same and that the bar wire is flat.



# 4. FRONT SUSPENSION

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## 5. FRONT SUSPENSION

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### 8. ENGINE & CLUTCH



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STEP 1





## 10. SHOCK ABSORBERS

PAGE 32-34 / ALL STEPS





When installing the shock cap assembly on the shock body, some oil will leak out... this is normal. Tighten the cap and clean off any excess oil.

**4**x

After the shock is assembled, the shock rod will push itself out of the shock body fairly quickly.

Follow the next procedure to adjust the rebound.

SHOCK OILS		#106345	450cSt
#106310	100cSt	#106350	500cSt
#106315	150cSt	#106355	550cSt
#106320	200cSt	#106360	600cSt
#106325	250cSt	#106370	700cSt
#106330	300cSt	#106380	800cSt
#106335	350cSt	#106390	900cSt
#106340	400cSt	#106410	1000cSt
		#106420	2000cSt



- Push the shock shaft fully up. The first time you do this, extra oil will release through the hole in the alu cap-nut.
- Tighten the shock cap. When tightening the shock cap, extra oil will again release through the hole in the alu cap-nut. When tightening, the shock shaft will push out from the shock body.



- 75% rebound repeat step 2 and 3 until the shock shaft will push out 75% of its length
- 50% rebound repeat step 2 and 3 until the shock shaft will push out 50% of its length
- 25%  $\,$  rebound repeat step 2 and 3 until the shock shaft will push out 25\% of its length
- 0%  $% \$  rebound repeat step 2 and 3  $\$  until the shock shaft will push out 0% of its length  $\$

If the shock shaft does not rebound enough, you will have to refill the shock with shock oil, and then repeat the bleeding and rebound adjustment procedures.

#### SHOCK LENGTH ADJUSTMENT:

It is VERY important that all shocks are equal length. Fully extend the shock absorber and measure the end-to-end length; we recommend using digital calipers to give an accurate measurement. If a shock absorber is shorter or longer than others, adjust the shock length by tightening or loosening the ball joint on the shock rod.





### PAGE 36 / STEP 1

