



venom™

CREEPER



1:10 Scale R/C Rock Crawler

Thank you for purchasing the Venom Creeper™. This revolutionary Rock Crawler was designed with die hard crawlers, enthusiasts and beginning R/C Hobbyists in mind. Hardcore Crawlers will love the revolutionary design features of the chassis. Enthusiasts will enjoy its scale realism, and beginning and novice hobbyists will enjoy how easy the Creeper™ is to drive. We hope you have as much fun with your Creeper as we did creating it. Not only did you purchase the best R/C Rock Crawler but you have also joined the Venom Team and its world class product line and customer service.

TOOLS & EQUIPMENT NEEDED



VEN-8178

Radio
2-6ch Radio (surface use)
Wheel and Trigger Type, or
Stick Type.



VEN-1339

ESC
Any brushed/brushless speed
controller with forward/reverse and a
minimum drive current of 300 amps.



Charger VEN-0657
The Venom Pro Charger
will charge 1 to 6 cell LIPO
and LIION/LIFE Battery
Packs, as well as NiCD and
NiMH battery packs.



VEN-1590

Requires
8 AA Batteries
for Radio



VEN-1555T

VEN-1544T

Battery Pack
Standard 6-cell Stick Pack
6-7cell NiMH side-by-side
2-cell Li-Poly Stick Pack



VEN-1338

540 Sized Motor
50T, 55T, 60T Brushed
or similar Brushless Motor
Recommended

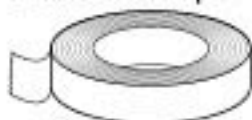
VEN-1334



VEN-1825

Servo
1x standard size servo for steering.
2x needed for Fr/Rr steer:
Suggested torque rating based on vehicle weight:
Stock (no additional weight): 75-100 oz-in
+2lb wheel weights: 100-150 oz-in
+4lb wheel weights: 150+ oz-in

Double Sided Tape



Hobby Knife #11 Blade



Nut Driver



5.5mm 7mm

Pliers



Curved Scissors



Needle Nose Pliers

VEN-0854



Side Cutters

VEN-0853



Hex Driver



0.05in 1.5mm 2.0mm 2.5mm



Thread Lock
VEN-0865



Shock Oil
25wt
(Included)



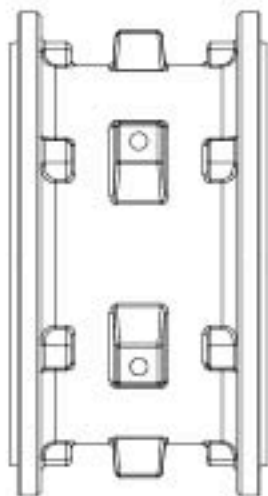
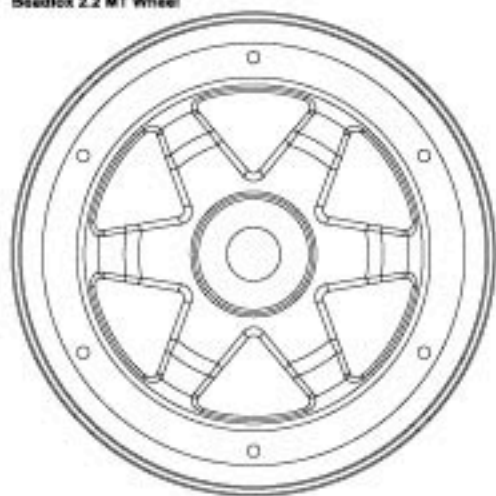
Heavy Duty Grease
(Included)



Paint for
Polycarbonate Plastic.

One-to-One Parts Reference

VEN-1215a
Beadlox 2.2 MT Wheel



VEN-1465
15T 48P Motor Pinion



VEN-8302
10 x 15 x 4mm Bearing
x8



VEN-8303
5 x 10 x 4mm Bearing
x20



VEN-8304
5 x 11 x 4mm Bearing
x2



VEN-1215b
Beadlox 2.2 Outer Ring



VEN-8306
M3 Nylon Lock Nut
x25



VEN-8307
4mm Flanged Locknut
x4



VEN-8308
3mm E-Ring
x8



VEN-8309
M3 X 20mm Stud
x24



VEN-8310
M3 Washer
x7



VEN-8311
M2.5 Washer
x4



VEN-8312
M2 x 10mm SH Cap Screw
x16



VEN-8313
M2 x 6mm CH Screw
x3



VEN-8314
M2 x 6mm SH Cap Screw
x2



VEN-8315
M2 x 6mm SH Cap Screw
x50



VEN-8316
M2.5 x 10mm SH Cap Screw
x4



VEN-8317
M2.5 x 12mm CH Screw
x4



VEN-8318
M2.5 x 2.5mm Set Screw
x10



VEN-1215c
Beadlox 2.2 Inner Ring



VEN-8318
M2.5 x 6mm Skt C.S. Cap Screw
x10



VEN-8320
M2.5 x 6mm SH Cap Screw
x2



VEN-8321
M2.5 x 8mm Skt C.S. Cap Screw
x4



VEN-8322
M2.5 x 8mm SH Cap Screw
x8



VEN-8323
M3 x 10mm Skt C.S. Cap Screw
x2



VEN-8324
M3 x 10mm SH Cap Screw
x15



VEN-8325
M3 x 12mm Skt C.S. Cap Screw
x2



VEN-8326
M3 x 12mm SH Cap Screw
x18



VEN-8327
M3 x 14mm SH Cap Screw
x4



VEN-8328
M3 x 16mm Skt C.S. Cap Screw
x5



VEN-8329
M3 x 16mm SH Cap Screw
x1



VEN-8330
M3 x 18mm SH Cap Screw
x11



VEN-8331
M3 x 20mm Skt C.S. Cap Screw
x2



VEN-8332
M3 x 20mm SH Cap Screw
x4



VEN-8333
M3 x 25mm SH Cap Screw
x3



VEN-8334
M3 x 3mm Set Screw
x8



VEN-8335
M3 x 6mm Skt C.S. Cap Screw
x8



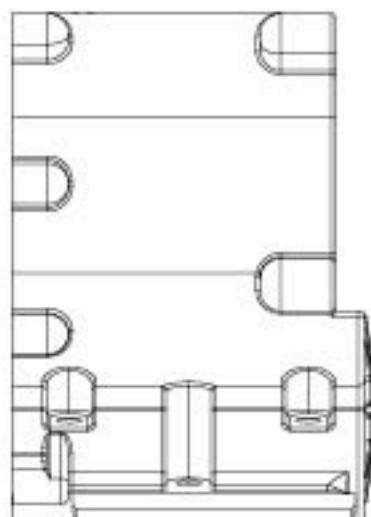
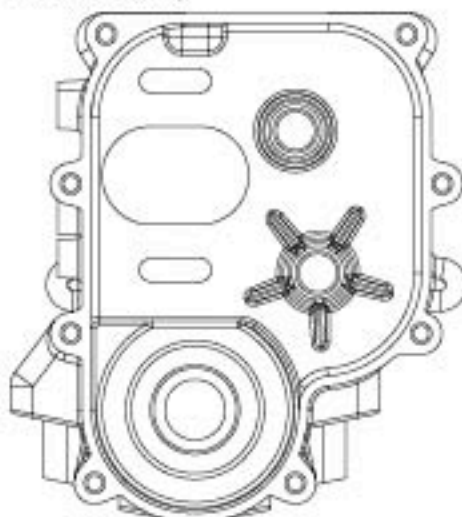
VEN-8336
M3 x 8mm Skt C.S. Cap Screw
x3



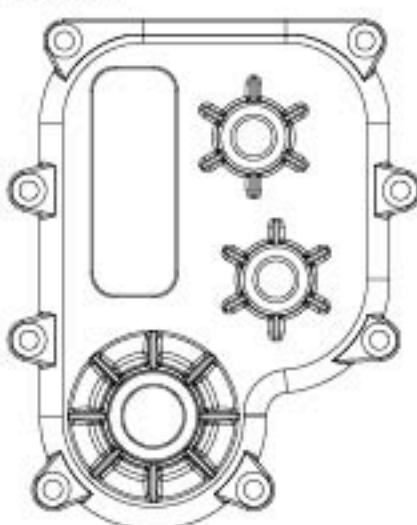
VEN-8337
M3 x 8mm SH Cap Screw
x2



VEN-8338a
Transmission Housing



VEN-8338b
Transmission Cover



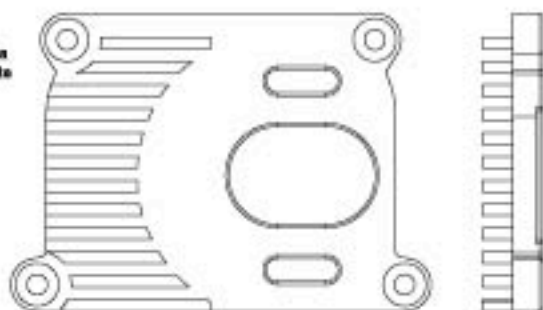
VEN-8338c
Transmission Dust Shield



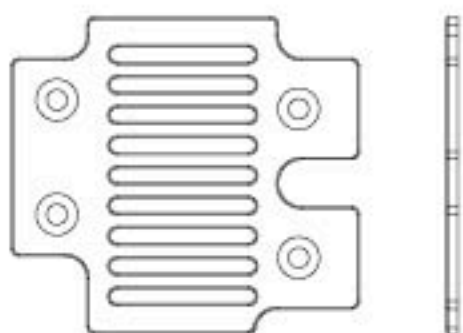
VEN-8339
Transmission Plug



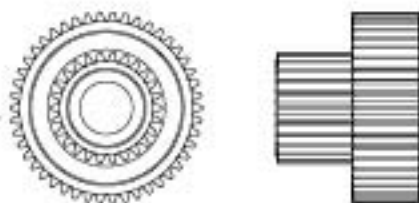
VEN-8340a
Motor Plate



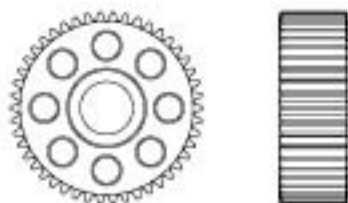
VEN-8340b
ESC Mount Plate



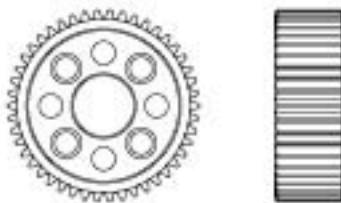
VEN-8341a
46T Reduction Gear



VEN-8341b
Idler Gear



VEN-8341c
46T Drive Gear



VEN-8342a
Gear Shaft



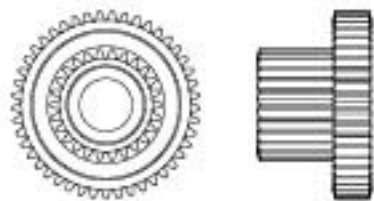
VEN-8342b
Gear Spacer



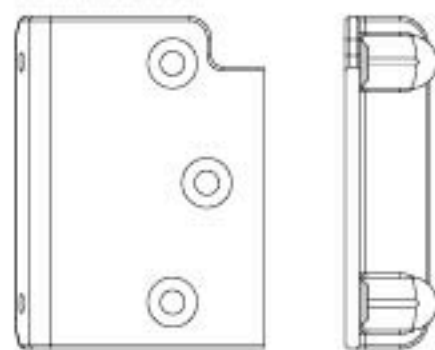
VEN-8342c
Output Shaft



VEN-8343
45T Spur Gear



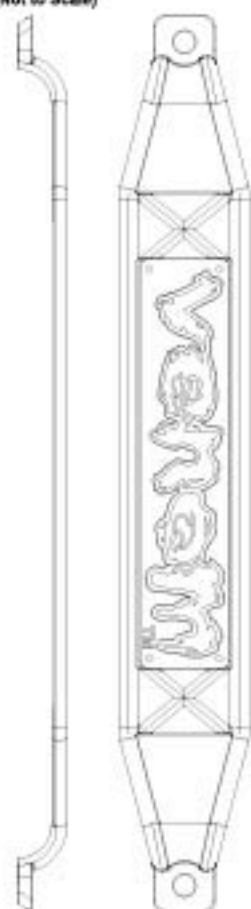
VEN-8346a
Transmission Skid Right



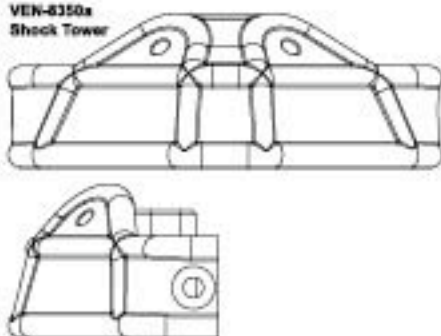
VEN-8349b
Foam Battery Pad
(Not to Scale)



VEN-8349d
Battery Cover
(Not to Scale)



VEN-8350a
Shock Tower



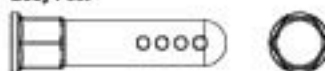
VEN-8350b
8mm Spacer



VEN-8351
Battery Post



VEN-8353a
Body Post



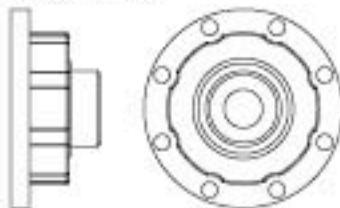
VEN-8353b
Body Post Pivot Mount



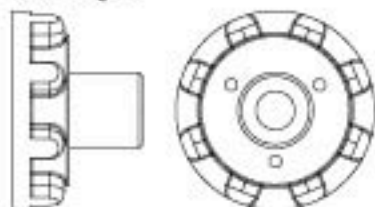
VEN-8354
Antenna Mount



VEN-8355a
Diff Housing Right



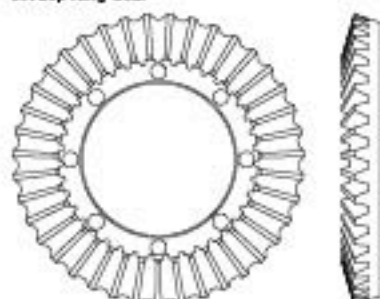
VEN-8355b
Diff Housing Left



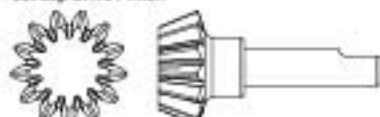
VEN-8355c
Diff-Lock Ring Bushing



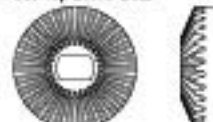
VEN-8356a
39t 26p Ring Gear



VEN-8356b
33t 26p Drive Pinion



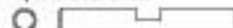
VEN-8357a
30t 48p Drive Gear



VEN-8357b
15t 48p Spider Gear



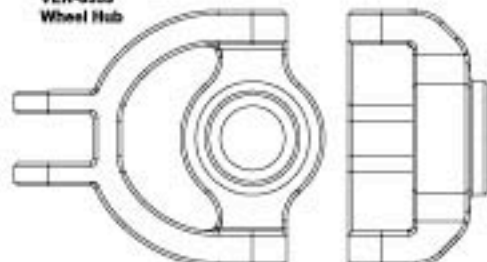
VEN-8357c
Spider Gear Shaft



VEN-8358
Diff-Lock Ring



VEN-8359
Wheel Hub



VEN-8360
Wheel Hub Bushing



VEN-8361a
Steering Drag Link



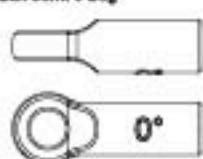
VEN-8361c
Crossover Link



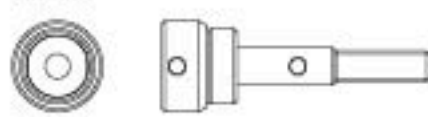
VEN-8361d
Ball Joint 45-Deg



VEN-8361b
Ball Joint 0-Deg



VEN-8367
VCD Shaft



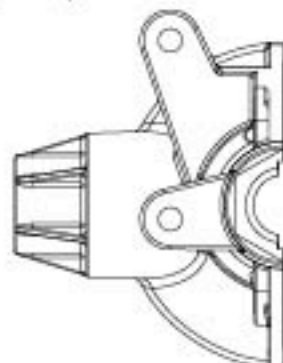
VEN-8362
Wheel Washer



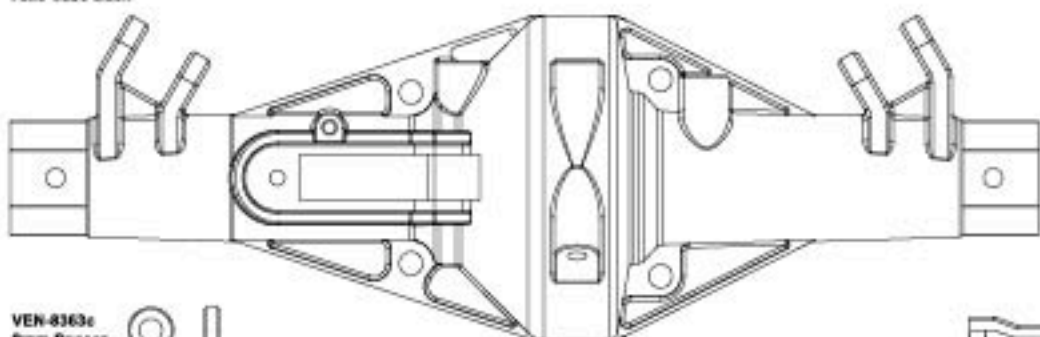
VEN-8368a
Diff-Lock Switch Cover



VEN-8363a
Axle Case Front



VEN-8363b
Axle Case Back



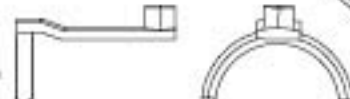
VEN-8363c
2mm Spacer



VEN-8364a
VCD Axle Short



VEN-8368b
Diff-Lock Switch



VEN-8364b
VCD Yoke



VEN-8368c
Diff-Lock Switch Dust Cover



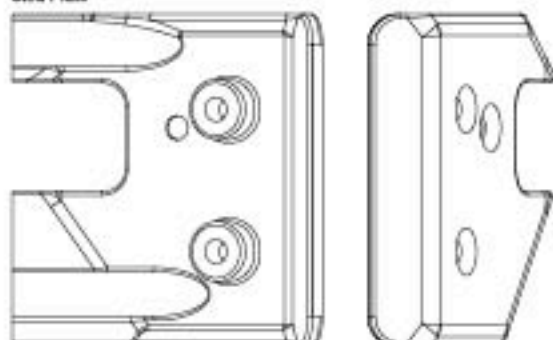
VEN-8364c
VCD Yoke Pin 12mm



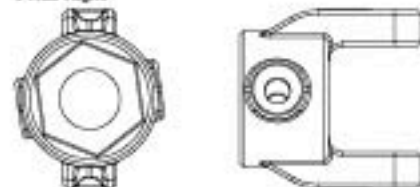
VEN-8365a
VCD Axle Long



VEN-8370a
Skid Plate



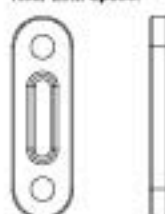
VEN-8366a
C-Hub Right



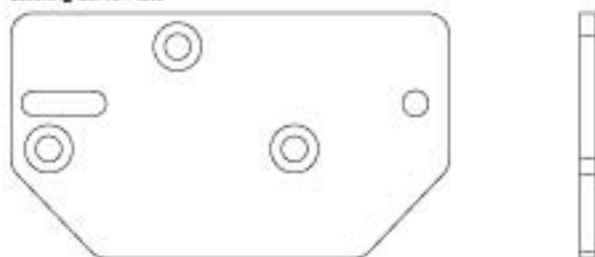
VEN-8366b
C-Hub Left



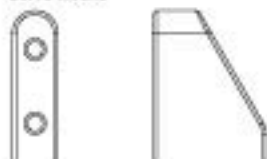
VEN-8370b
Rear Link Spacer



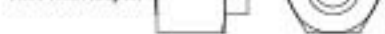
VEN-6371a
Steering Servo Plate



VEN-6371b
Servo Mount



VEN-6373a
Axle Hex Adapter



VEN-6373b
Hex Adapter Pin



VEN-6374a
Upper Link



VEN-6374b
Ball Joint 20-Deg



VEN-6377a
Lower Link



VEN-6377b
Ball Joint 12-Deg



VEN-6380a
VCD Half Shaft Female



VEN-6380b
VCD Half Shaft Male



VEN-6380c
VCD Coupler



VEN-6380e
VCD Yoke Pin 13mm



VEN-6383
Pivot Ball 6mm



VEN-6384a
Body Clip Small



VEN-6384b
Body Clip Large



VEN-6385a
Shock Body



VEN-6385b
Upper Pivot



VEN-6385c
Upper Pivot



VEN-6385d
Shock Shaft



VEN-6385e
Shock Spring



VEN-6385f
Shock Lower Cap Seal



VEN-6385g
Shock Spring Perch



VEN-6385h
Shock Lower Cap



VEN-6385i
Shock Upper Cap



VEN-6385j
Shock Collar



VEN-8385k
Shock Collar O-Ring



VEN-8385m
Shock O-Ring



VEN-8385n
Shock Bladder



VEN-8385p
2 Hole Shock Piston



VEN-8390
Chassis Side Plate

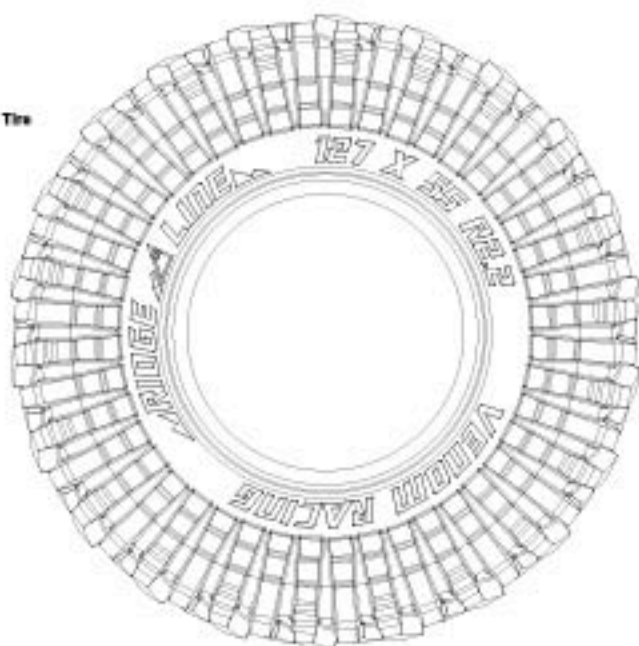


VEN-8394a
Internal Shock Spring

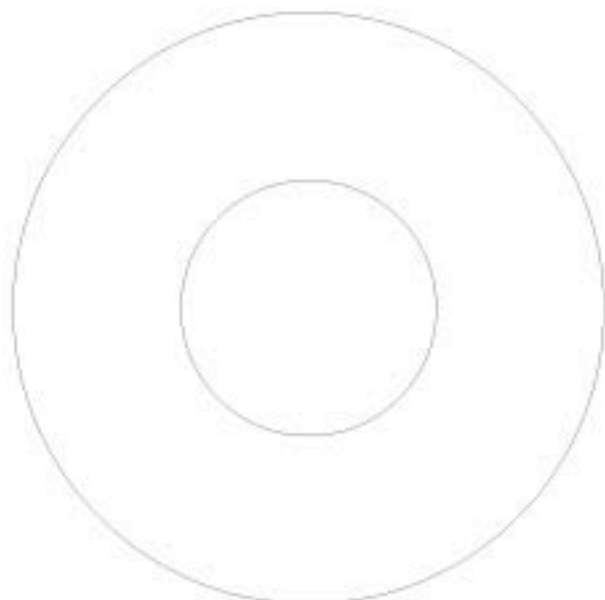


VEN-8394b
Internal Spring Washer

VEN-1265a
Beadlox Ridge-Line 2.2 Tire
NOT TO SCALE



VEN-1265b
Tire Insert
NOT TO SCALE



OPEN BAG

A



x1

VEN-8304



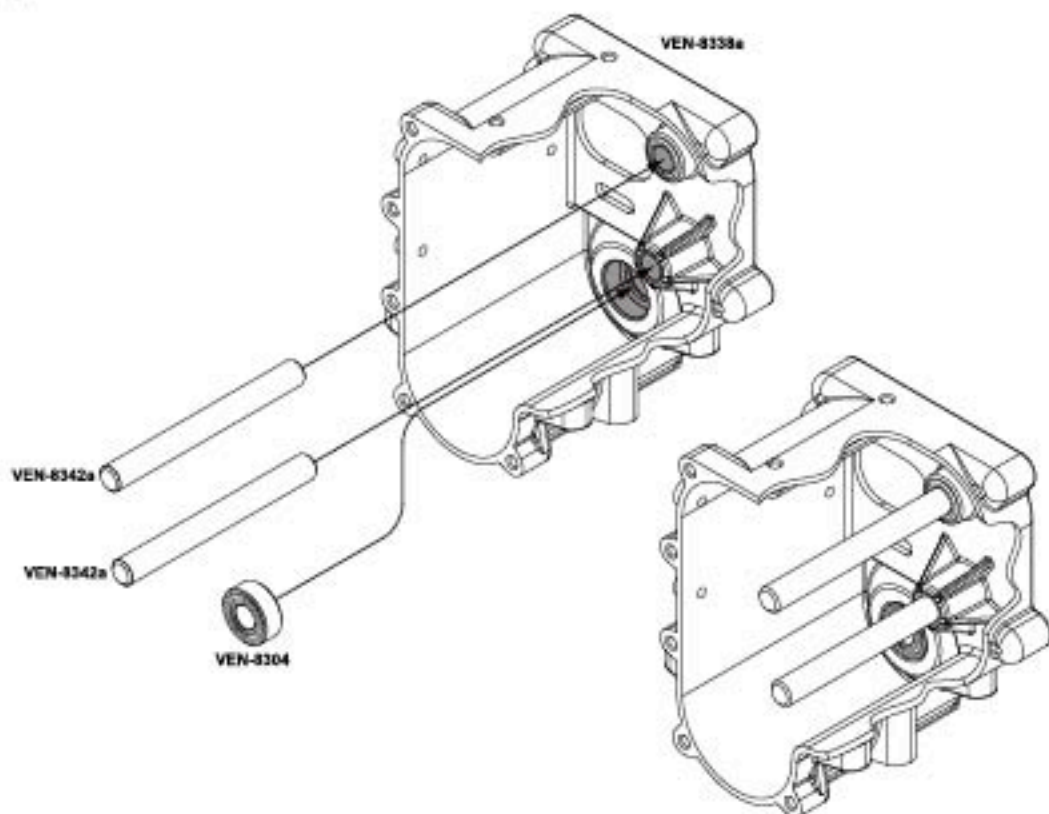
VEN-8342a

x2

OPTION PART

VEN-8344, 8845, 8846
Spur Gears 46T/ 47T/ 48T

1

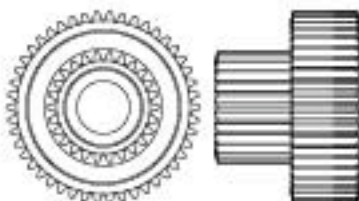


2



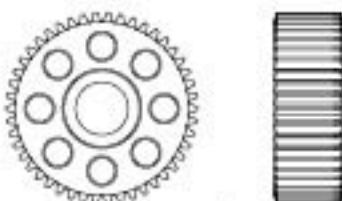
x8

VEN-8303



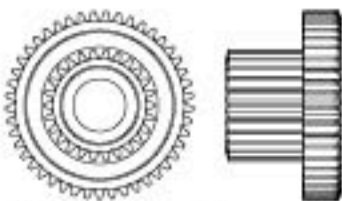
VEN-8341a

x1



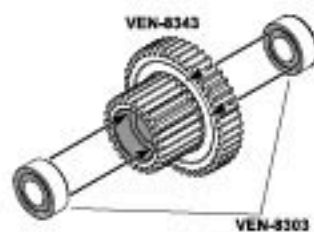
VEN-8341b

x1



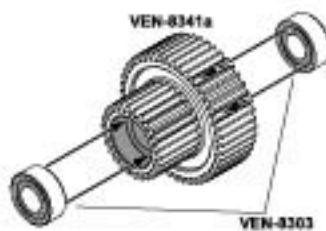
VEN-8343

x1



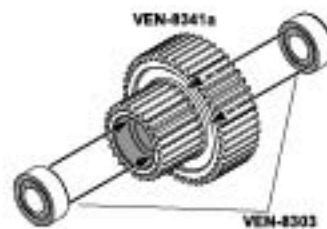
VEN-8343

VEN-8303



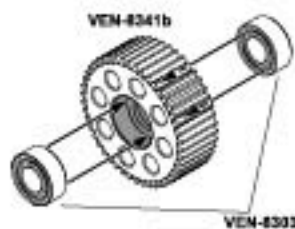
VEN-8341a

VEN-8303



VEN-8341a

VEN-8303

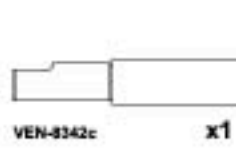
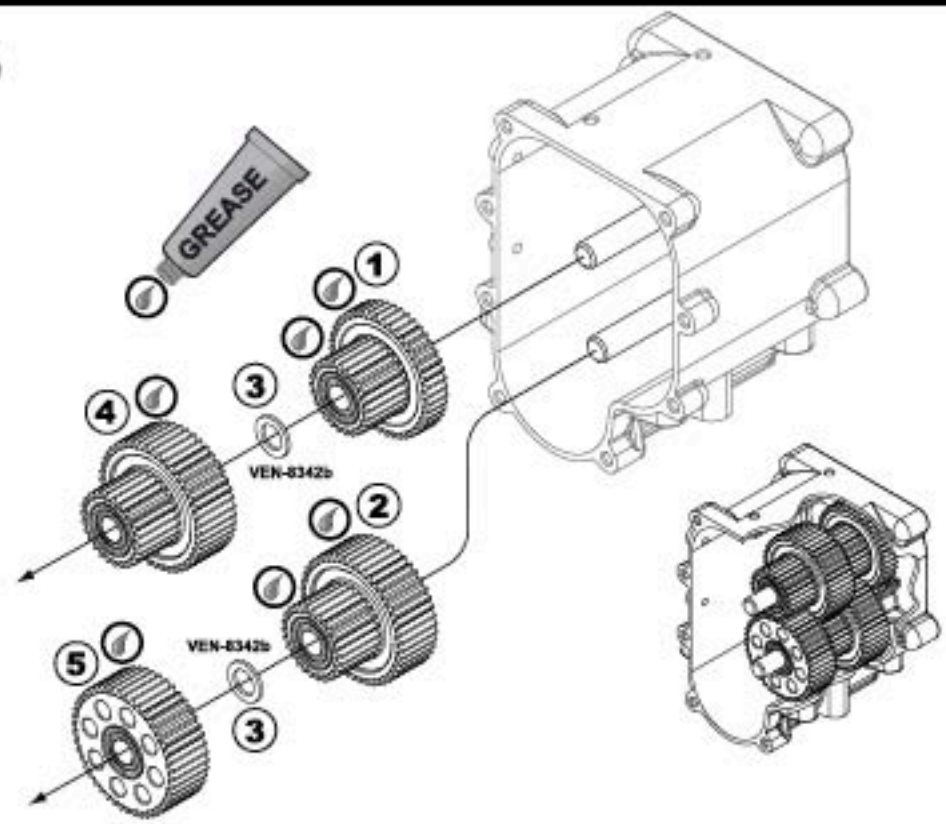


VEN-8341b

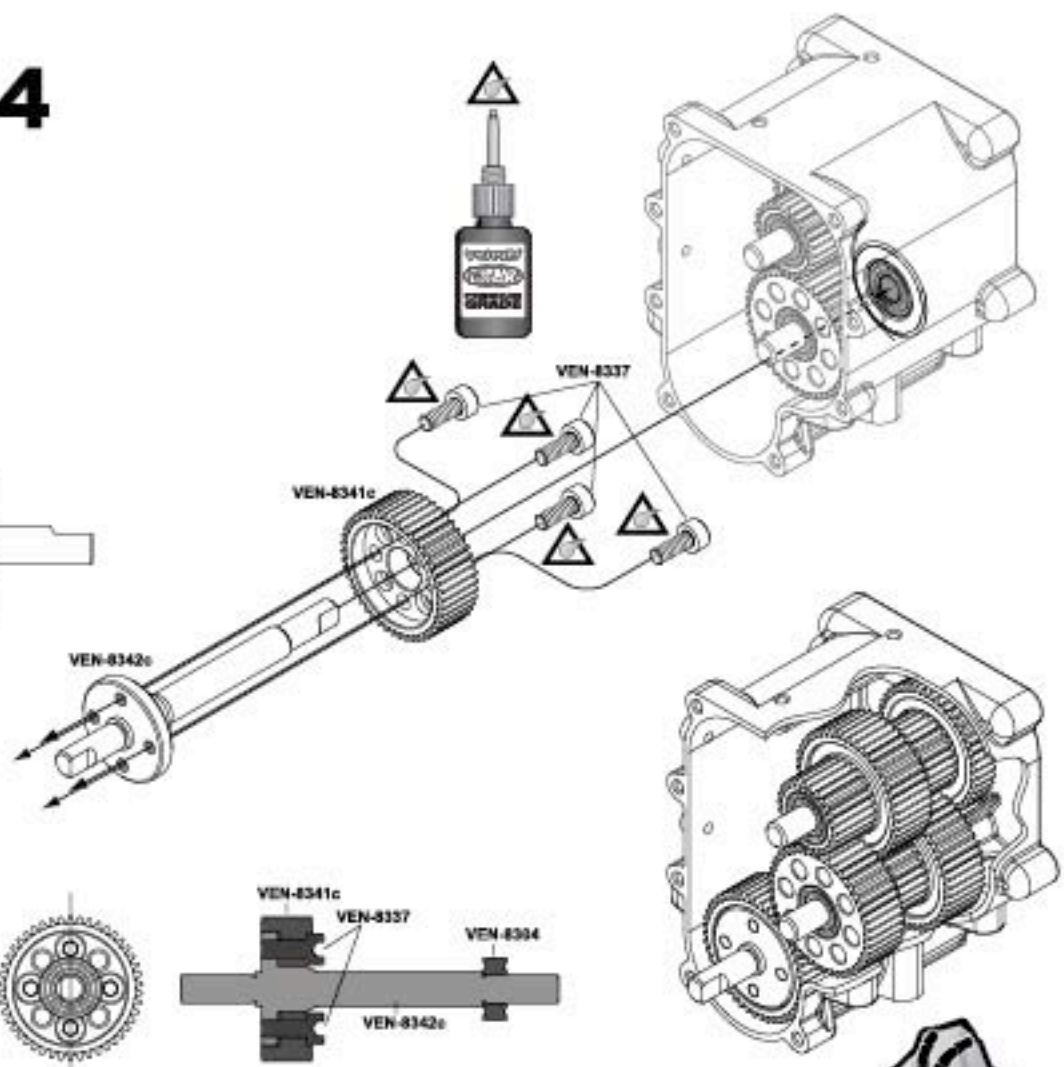
VEN-8303



3



4





x1

VEN-8304



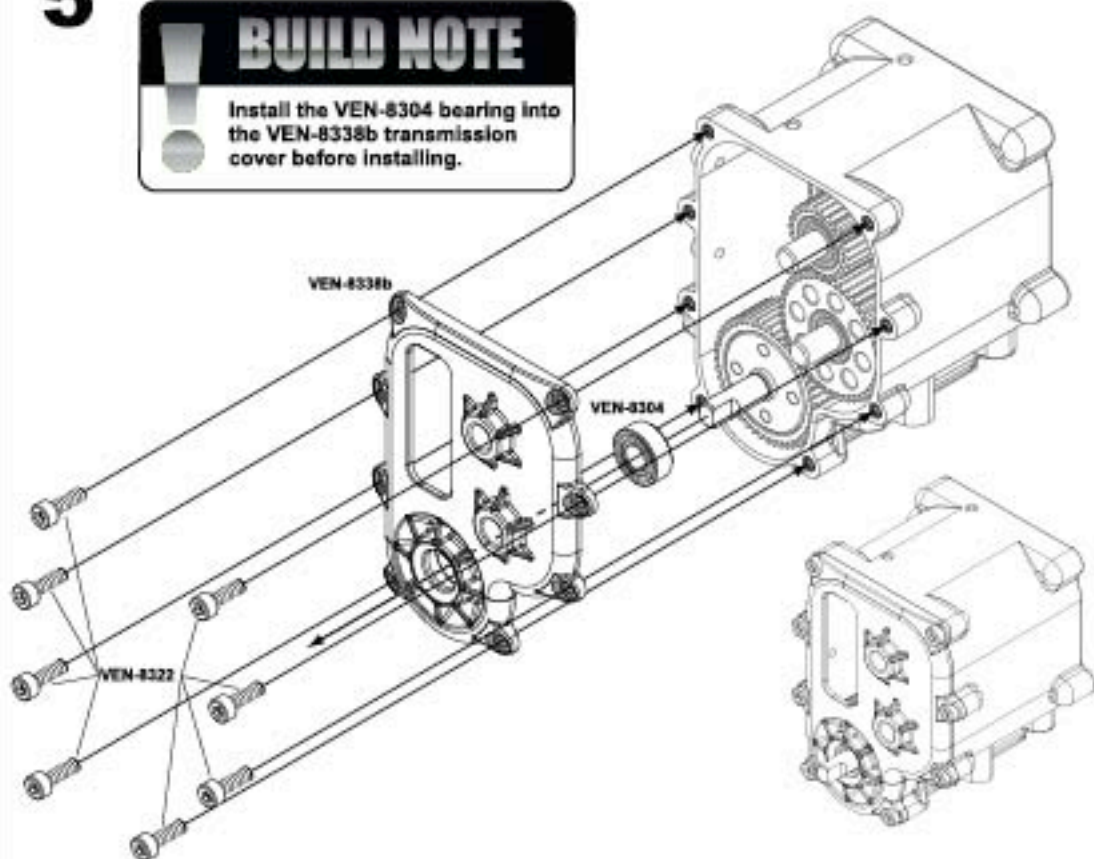
x8

VEN-8332 M2.5 x 8mm

5

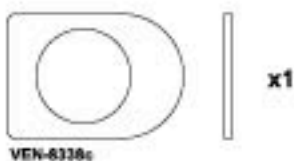
BUILD NOTE

Install the VEN-8304 bearing into the VEN-8338b transmission cover before installing.



x4

VEN-8317 M2.5 x 12mm



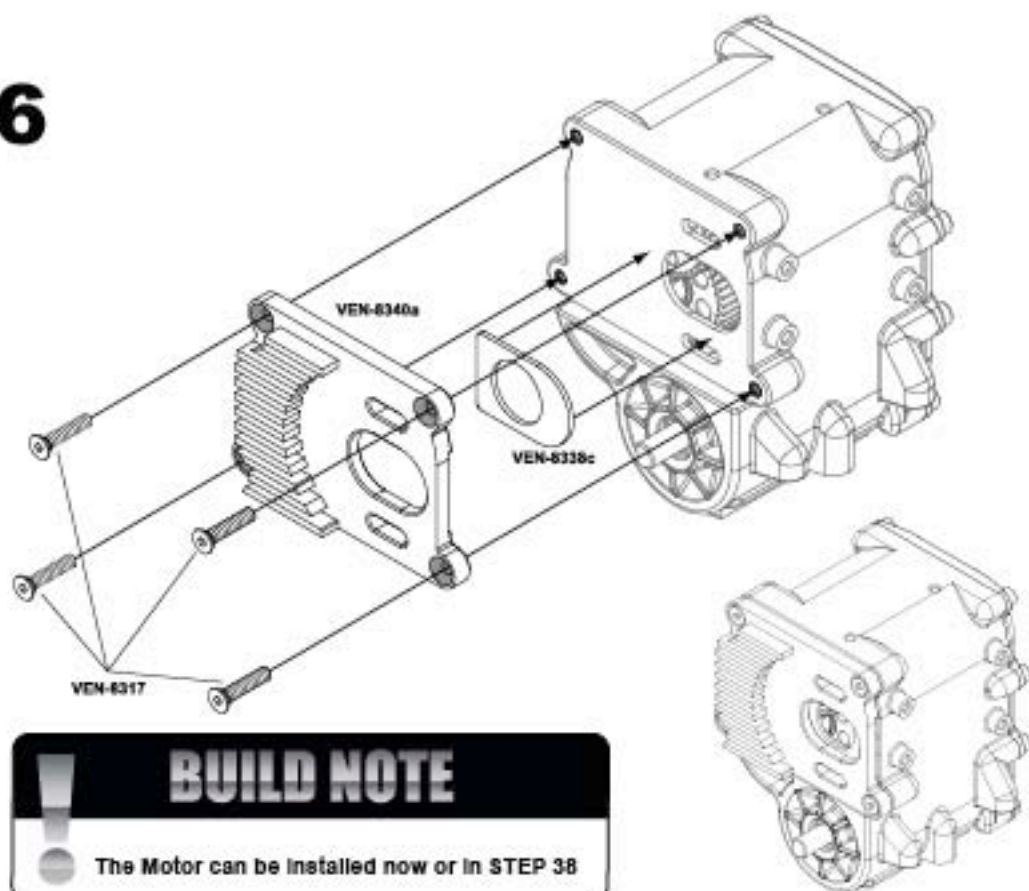
x1

VEN-8336c

6

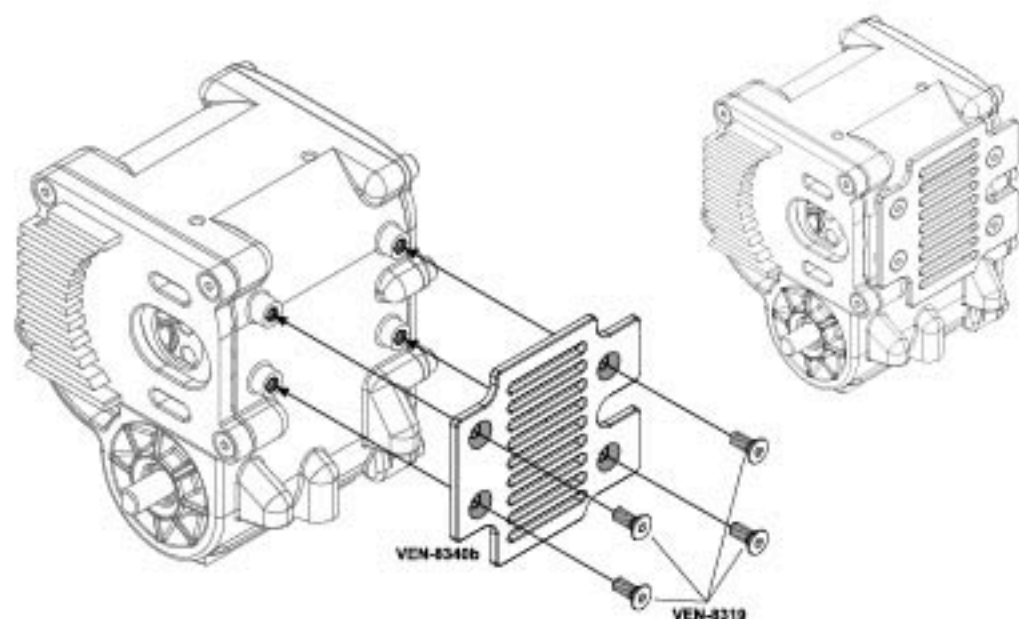
BUILD NOTE

The Motor can be installed now or in STEP 38




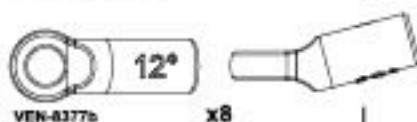
 x4
VEN-8319 M2.5 x 6mm

7



OPEN BAG
B

 x8
VEN-8309 3 x 20mm



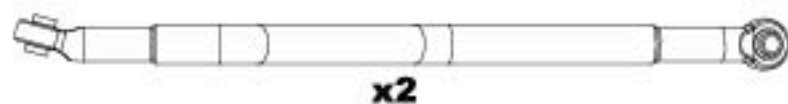
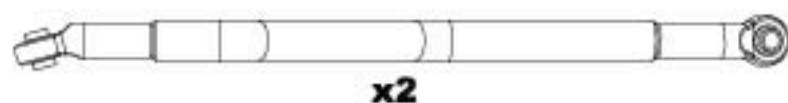
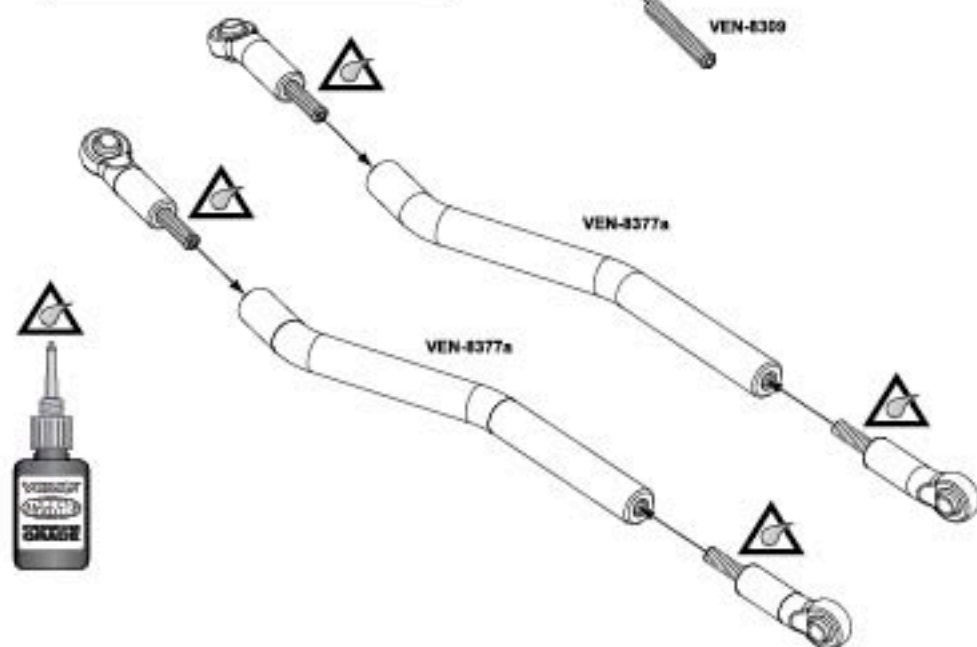
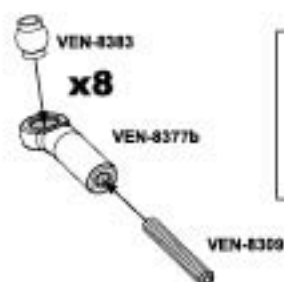
 x8
VEN-8383

8

LOWER LINK ASSEMBLY

BUILD NOTE

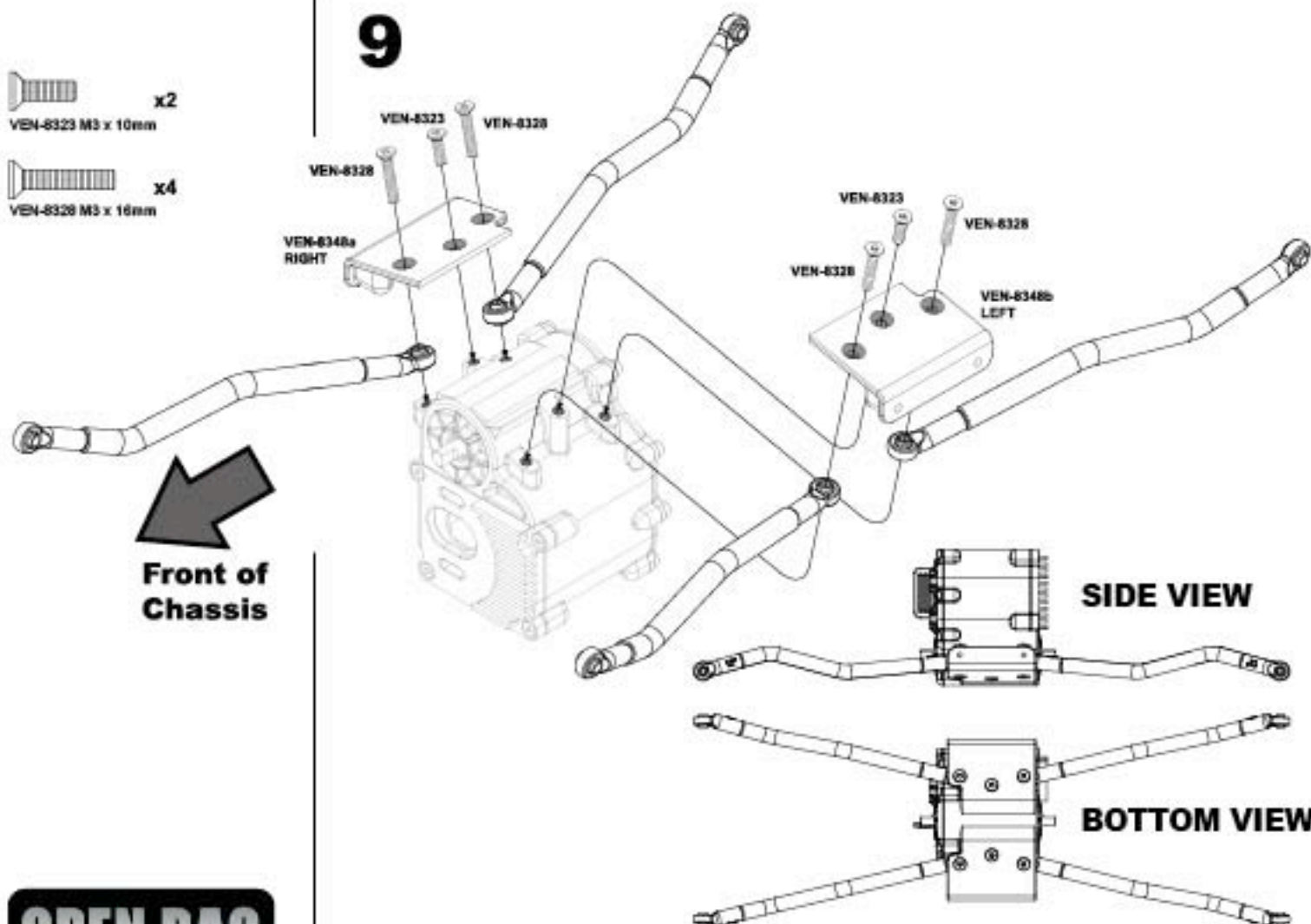
Note: Tighten the links until the parts are aligned. Do not allow the links to be loose.



x2
VEN-8323 M3 x 10mm

x4
VEN-8328 M3 x 16mm

9



Front of
Chassis

SIDE VIEW

BOTTOM VIEW

OPEN BAG

C

x2
VEN-8326 M3 x 12mm

x2

VEN-8353a

x2

VEN-8353b

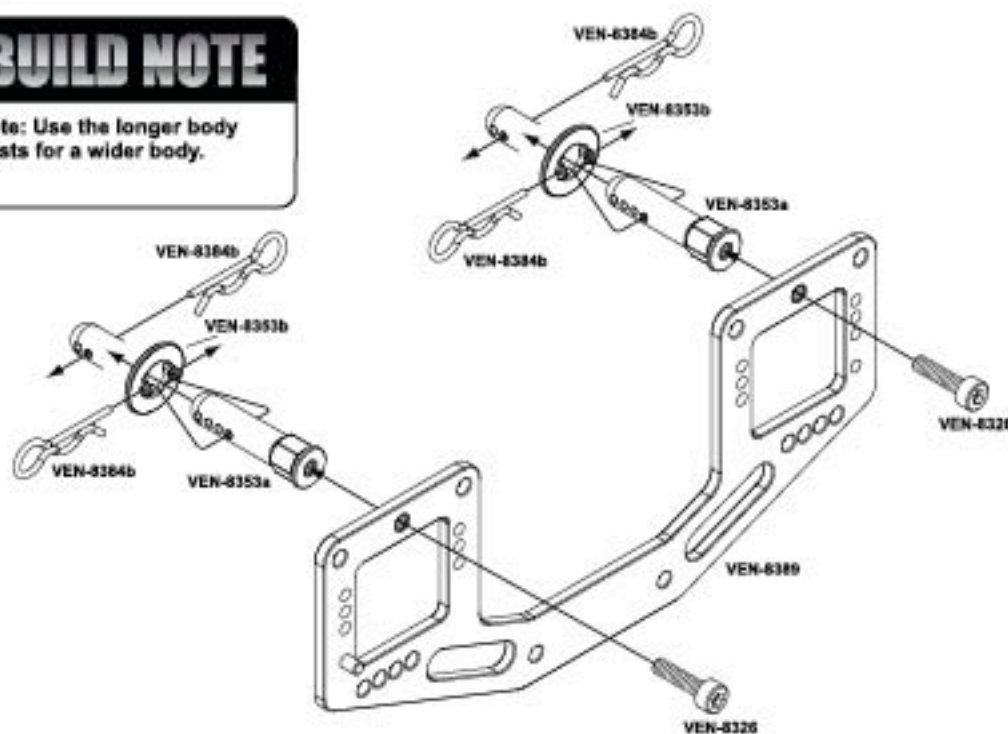
x4

VEN-8384b

10

BUILD NOTE

Note: Use the longer body posts for a wider body.



x1
VEN-8320 M2.5 x 6mm

x2
VEN-8326 M3 x 12mm

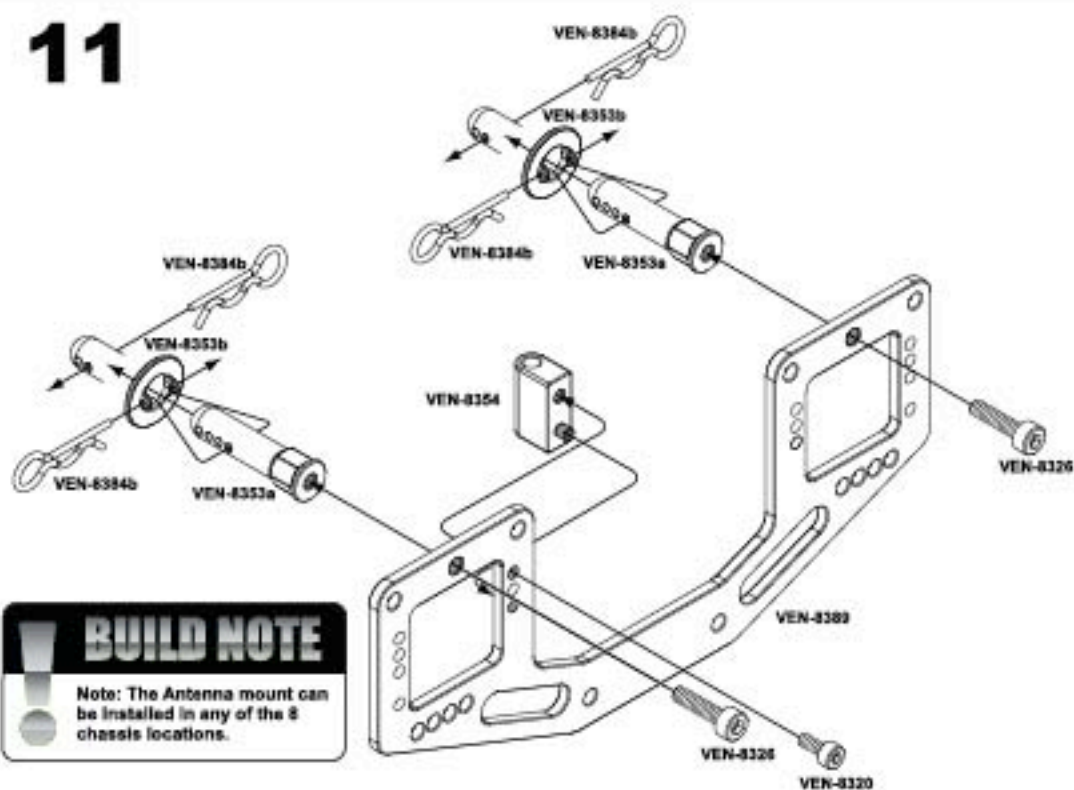
x2
VEN-8353a

x2
VEN-8353b

x1
VEN-8354

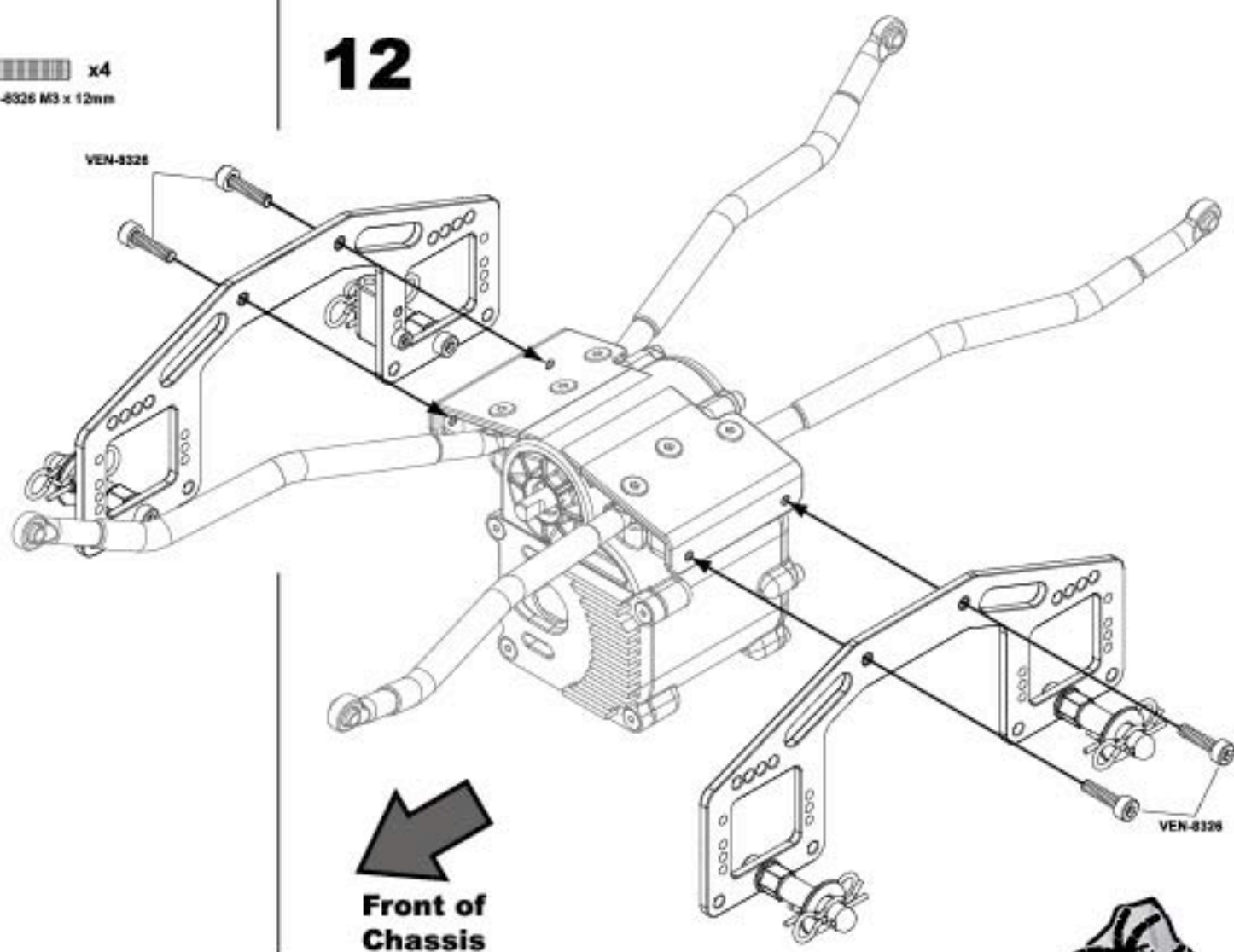
x4
VEN-8384b

11

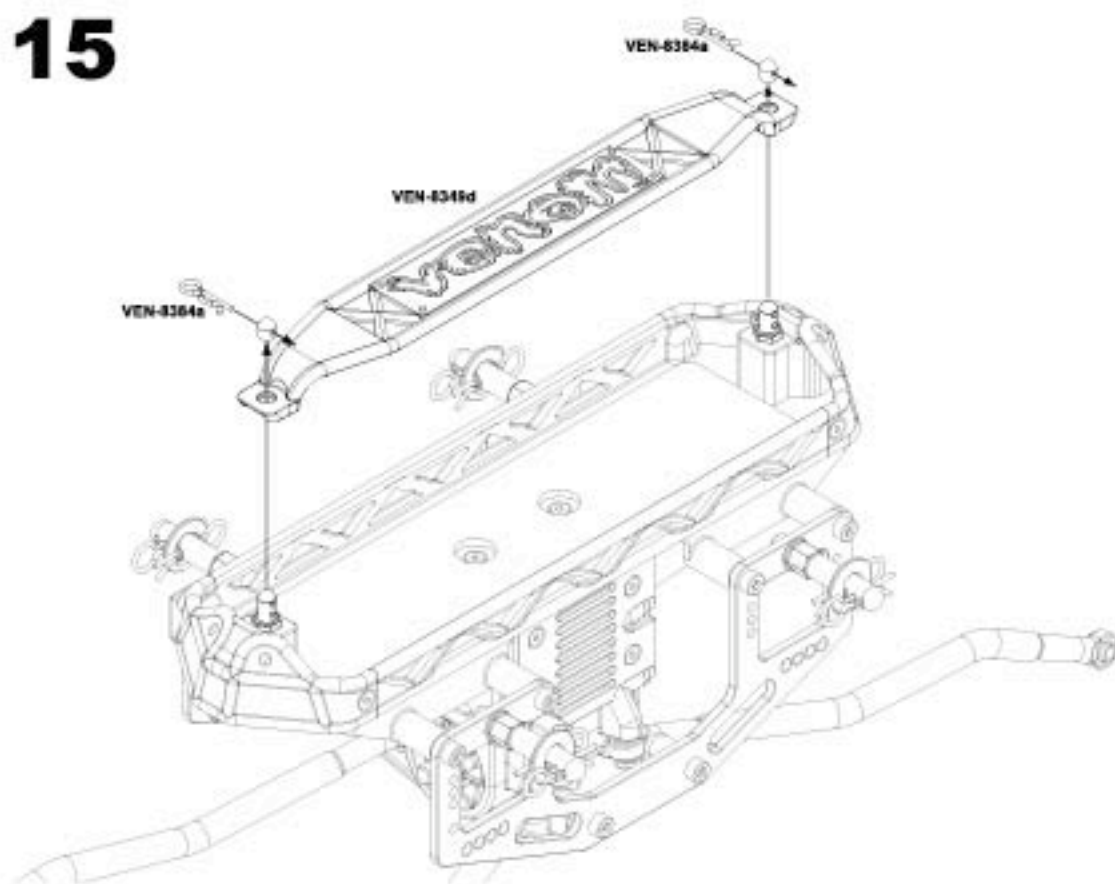


x4
VEN-8326 M3 x 12mm

12



15

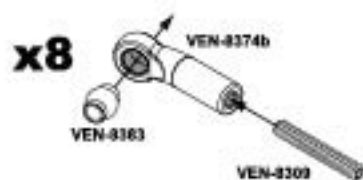


16

UPPER LINK ASSEMBLY

BUILD NOTE

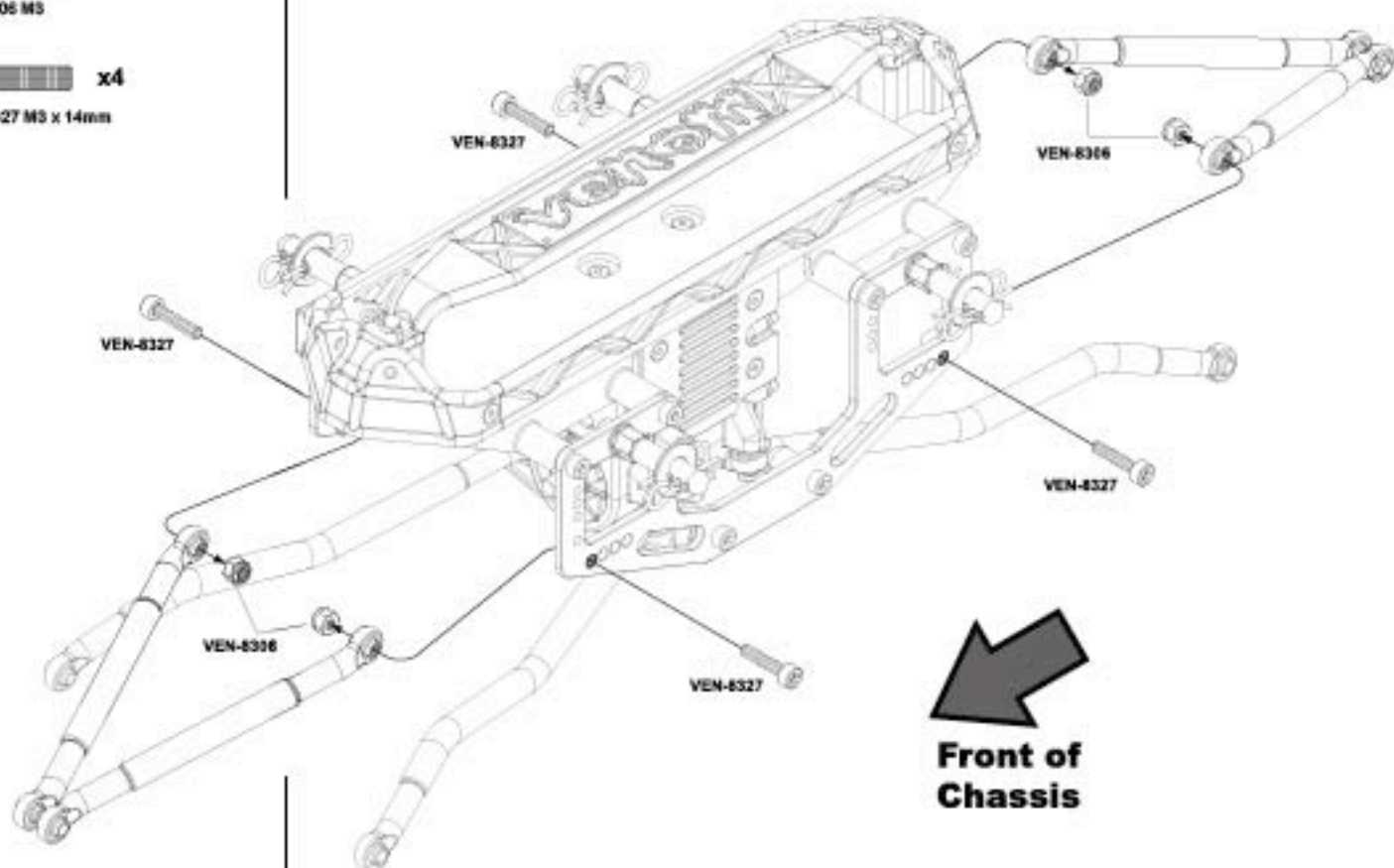
Note: Tighten the links until the parts are aligned. Do not allow the links to be loose.



17

 x4
VEN-8306 M3

 x4
VEN-8327 M3 x 14mm





**Front of
Chassis**

OPEN BAG
D

 x4
VEN-8316

 x4
VEN-8364b

 x4
VEN-8380c

 x4
VEN-8380a 13mm

 x2

VEN-8380a x2

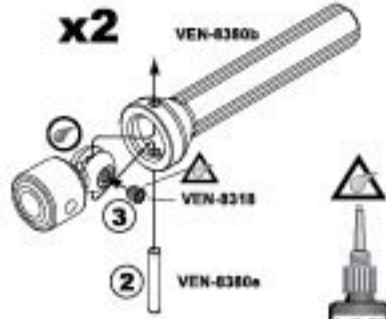
 x2

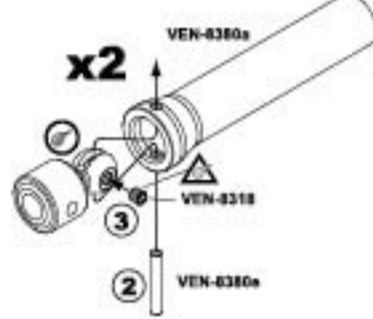
VEN-8380b x2

18




x4
VEN-8380c 
VEN-8364b

x2
VEN-8380b 
VEN-8318
VEN-8380a

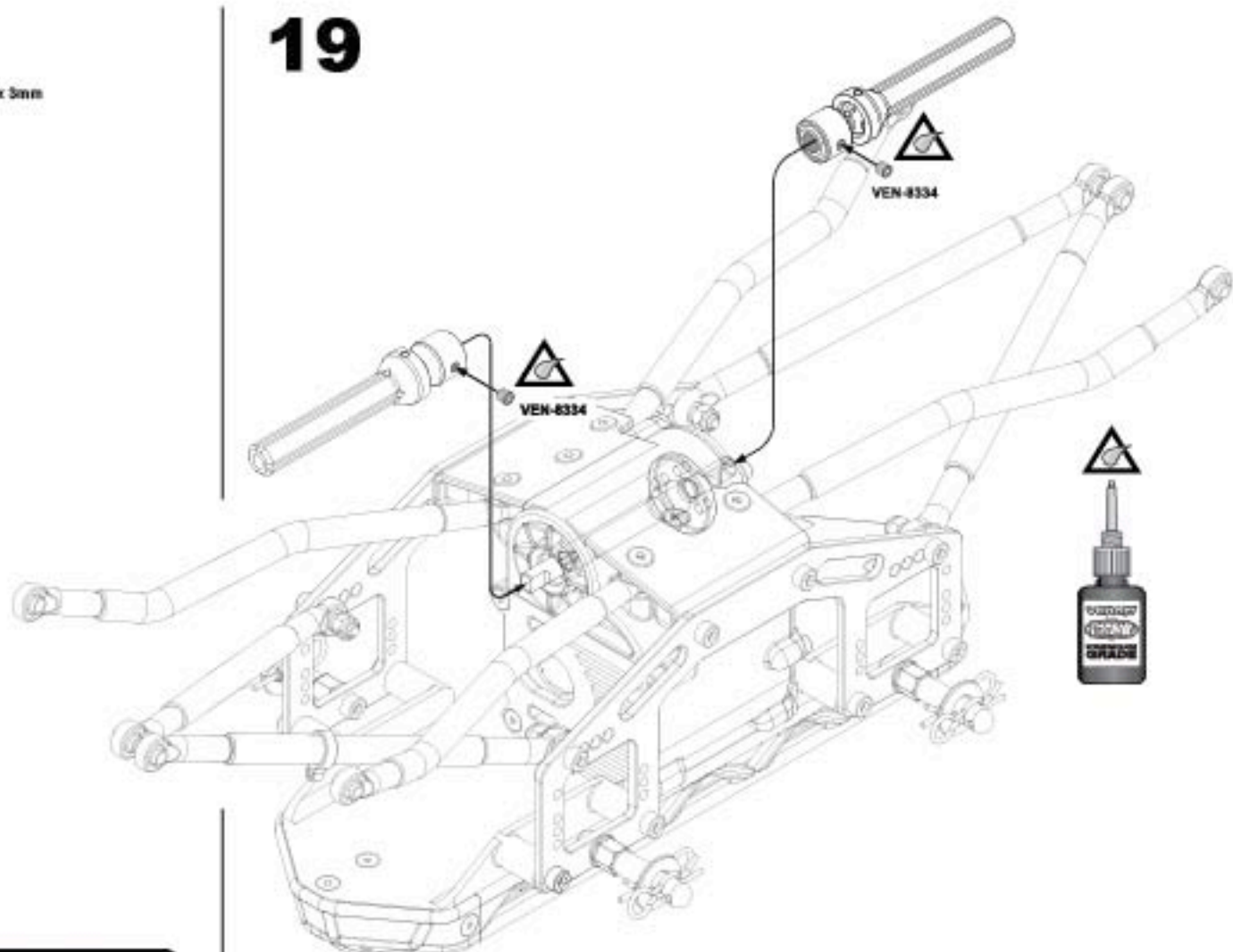
x2
VEN-8380a 
VEN-8318
VEN-8380a



BUILD NOTE
Note: Use thread lock on
VEN-8318 before applying
grease.

 x2
VEN-8334 M3 x 3mm


19



OPEN BAG
E

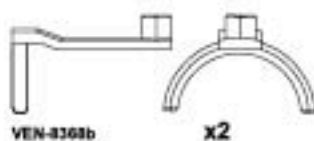
 x4
VEN-8303

 x2
VEN-8313 M2 x 6mm

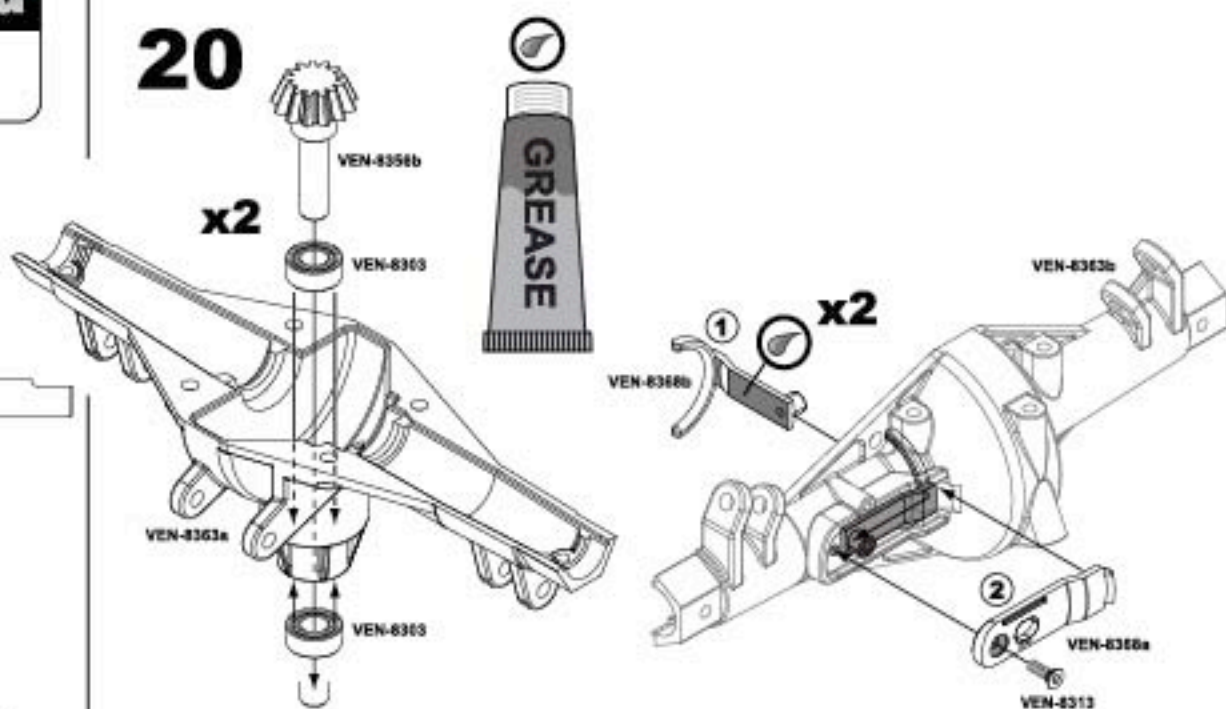
 x2
VEN-8358b


 x2
VEN-8363a

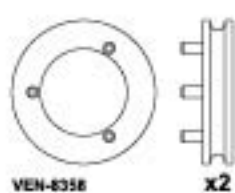
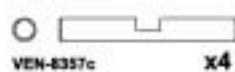
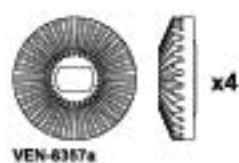
 x2
VEN-8368a

 x2
VEN-8368b

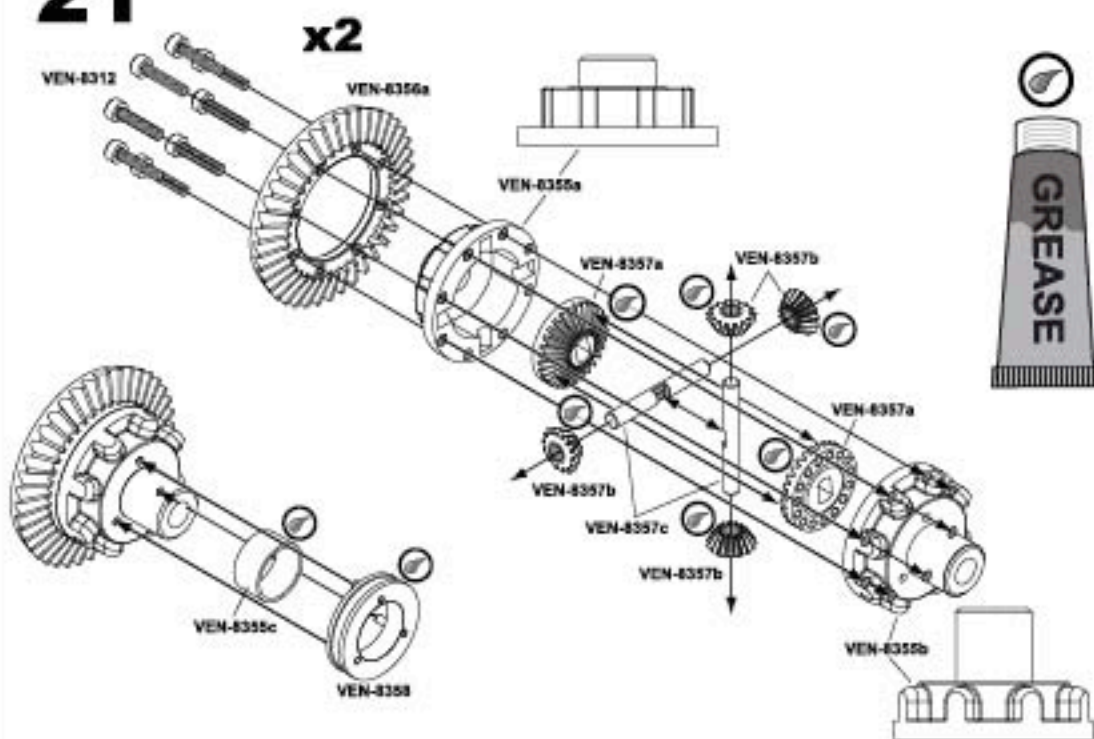
20



 x16
VEN-8312 M2 x 10mm

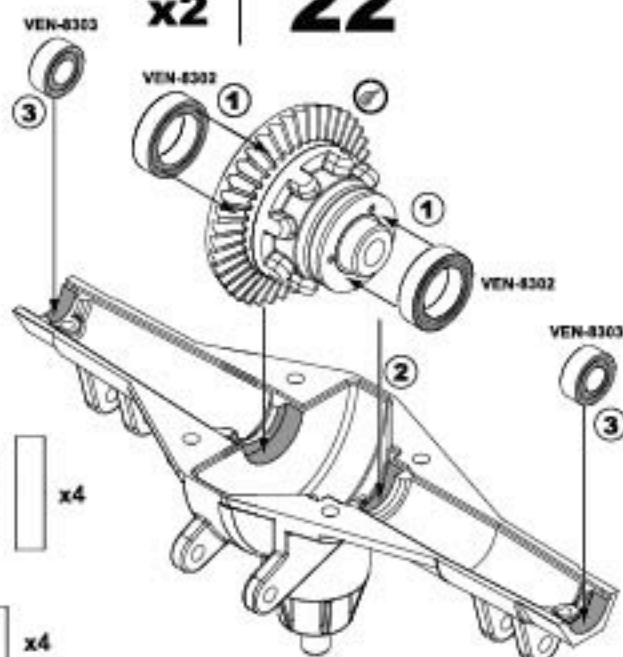


21



x2

22

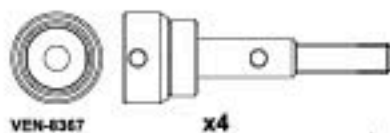
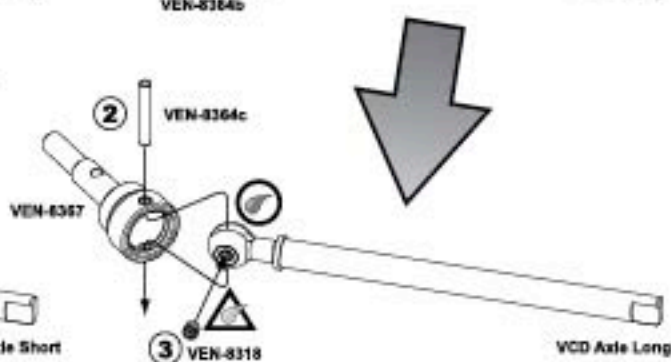
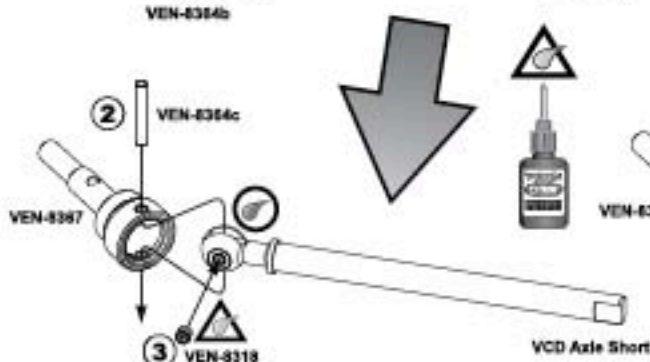


23

x4
VEN-8318 M2.5 x 2.5mm

x4
VEN-8364b

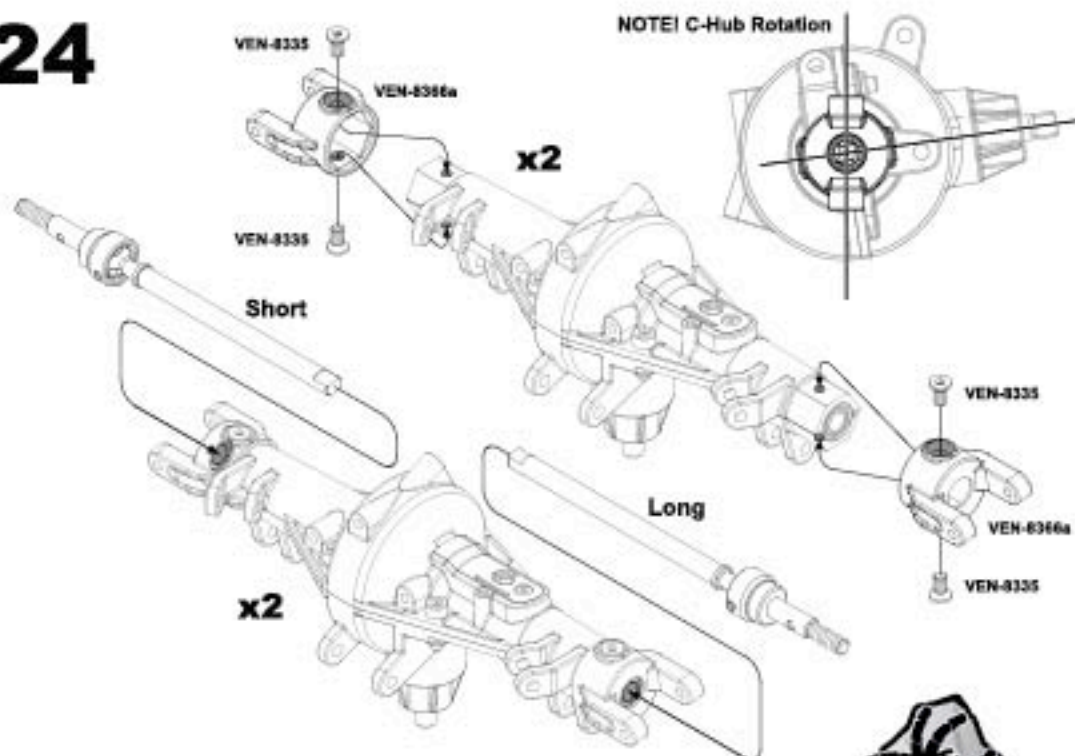
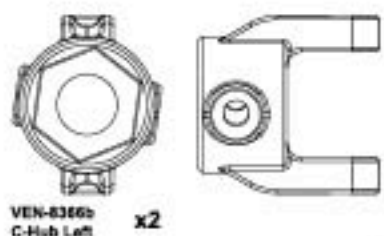
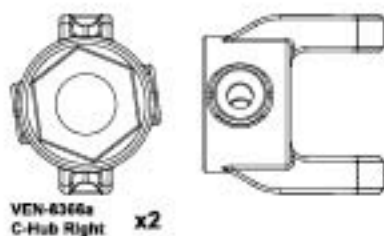
x4
VEN-8364c 12mm



BUILD NOTE
Note: Use thread lock before applying grease.

24

x8
VEN-8335 M3 x 6mm



27

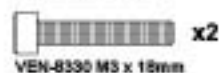
Rear Axle



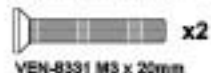
x4
VEN-8306 M3



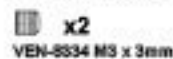
x1
VEN-8313 M2 x 6mm



x2
VEN-8330 M3 x 18mm



x2
VEN-8331 M3 x 20mm



x2
VEN-8334 M3 x 3mm



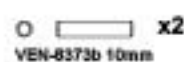
x1
VEN-8368c



x1
VEN-8373b



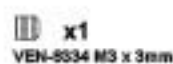
x2
VEN-8373a



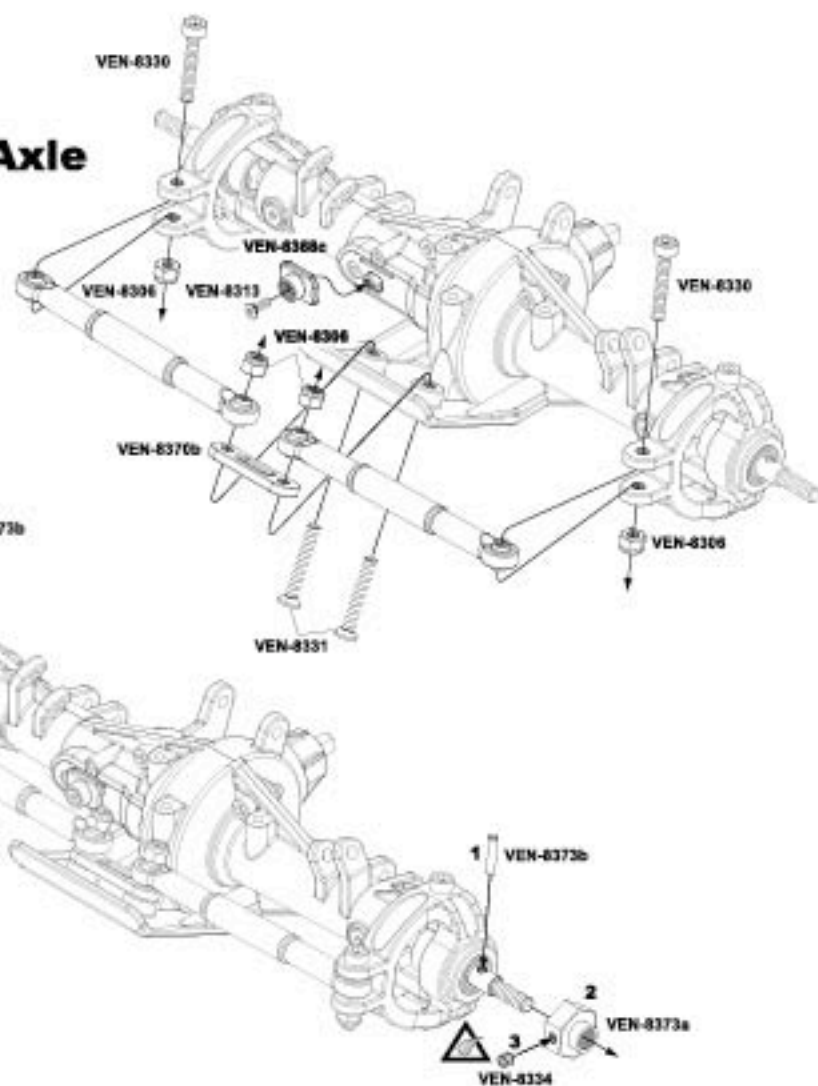
x2
VEN-8373b 10mm

OPTION PART

VEN-8347
Remote Diff Lock



x1
VEN-8334 M3 x 3mm

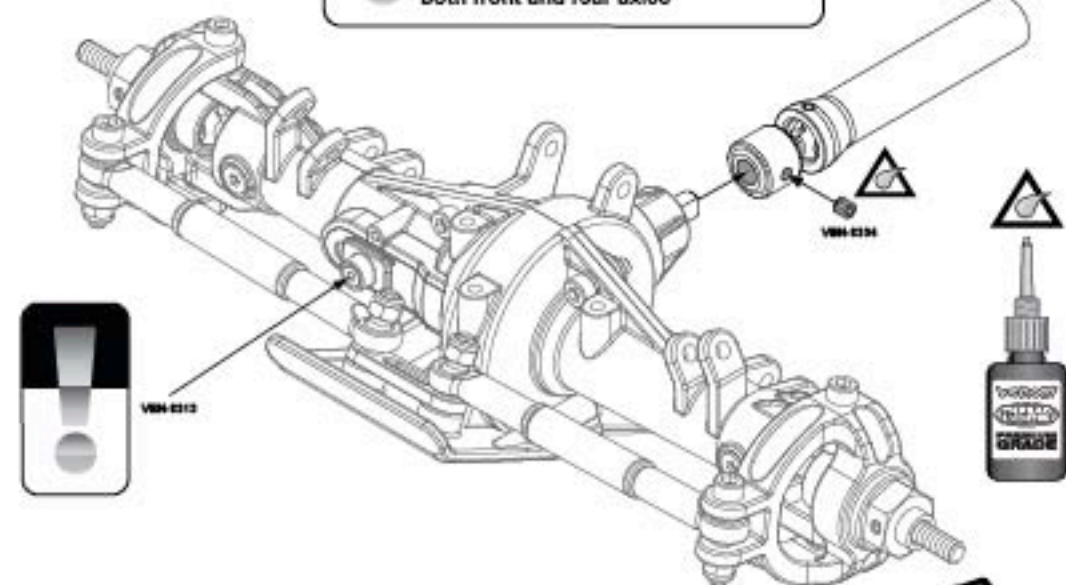


28

Rear Axle

BUILD NOTE

NOTE: Set the difflock selector switch tension with this screw (VEN-8313) on both front and rear axles




VEN-8313



29


Front Axle

 x1
VEN-8313 M2 x 6mm

 x2
VEN-8314 M2 x 6mm

 x2
VEN-8325 M3 x 12mm

 x1
VEN-8328 M3 x 16mm

 x1
VEN-8336 M3 x 8mm

 x1
VEN-8337 M3 x 8mm

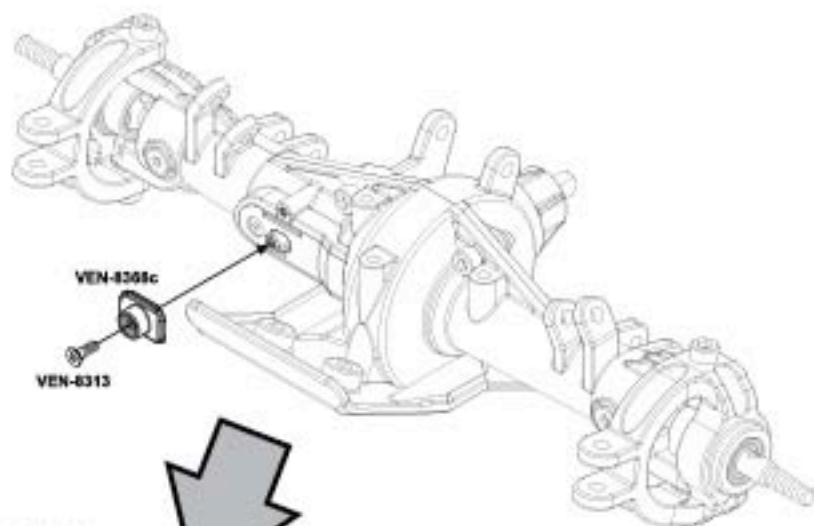
  x3
VEN-8350b 6mm Spacer

  x1
VEN-8363c 2mm Spacer

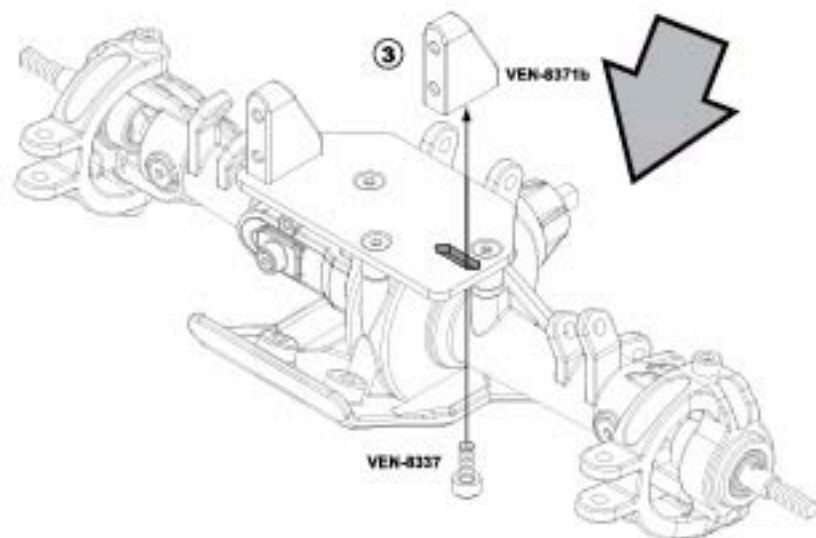
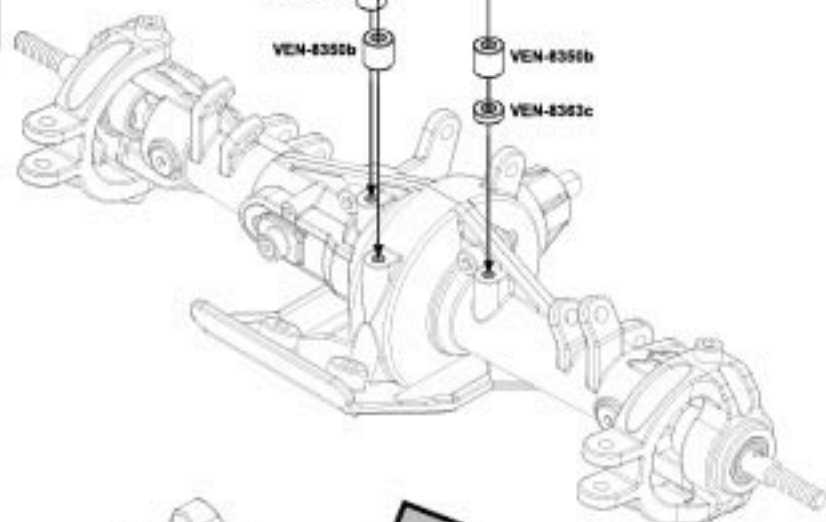
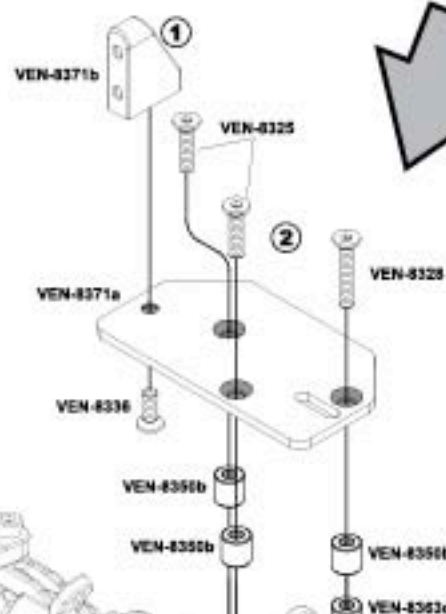
  x1
VEN-8366c

OPTION PART

VEN-8347
Remote Diff Lock













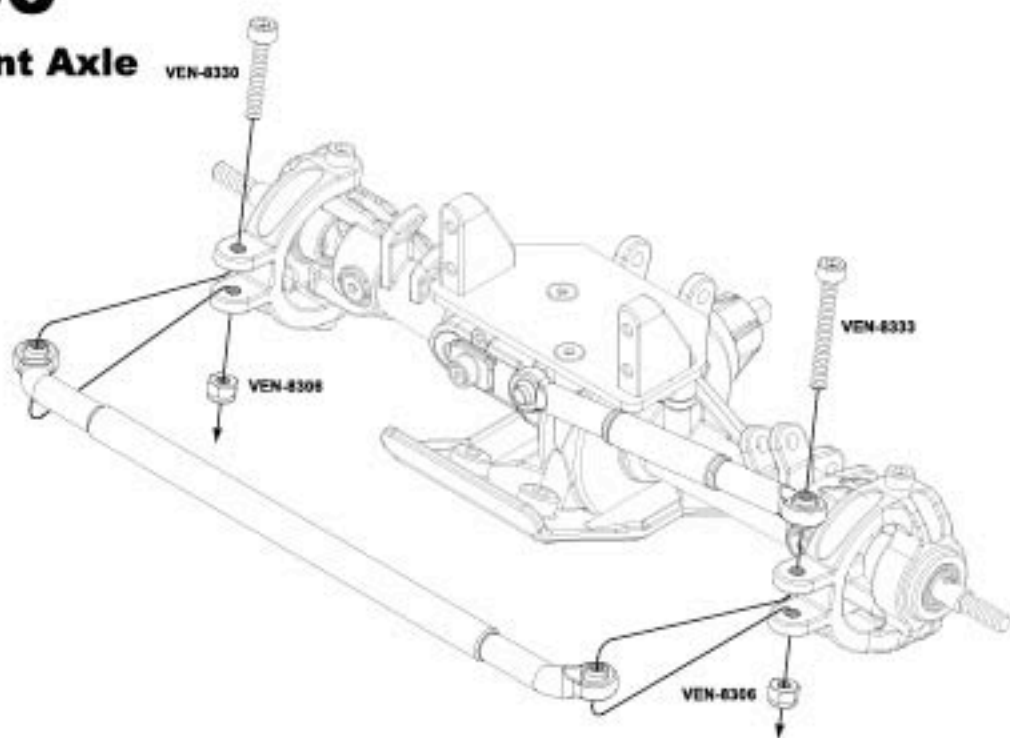
VEN-8366c
VEN-8313



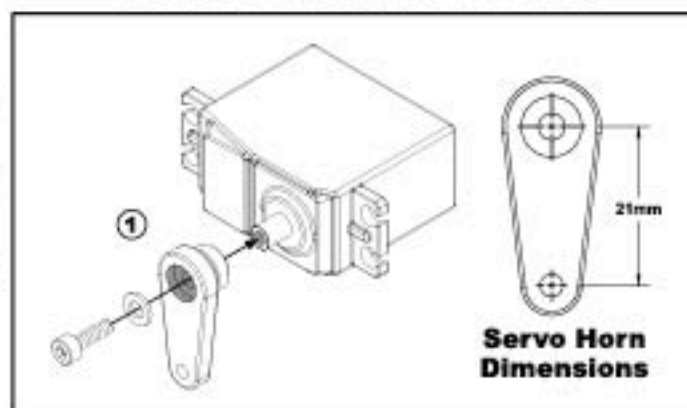
30

Front Axle

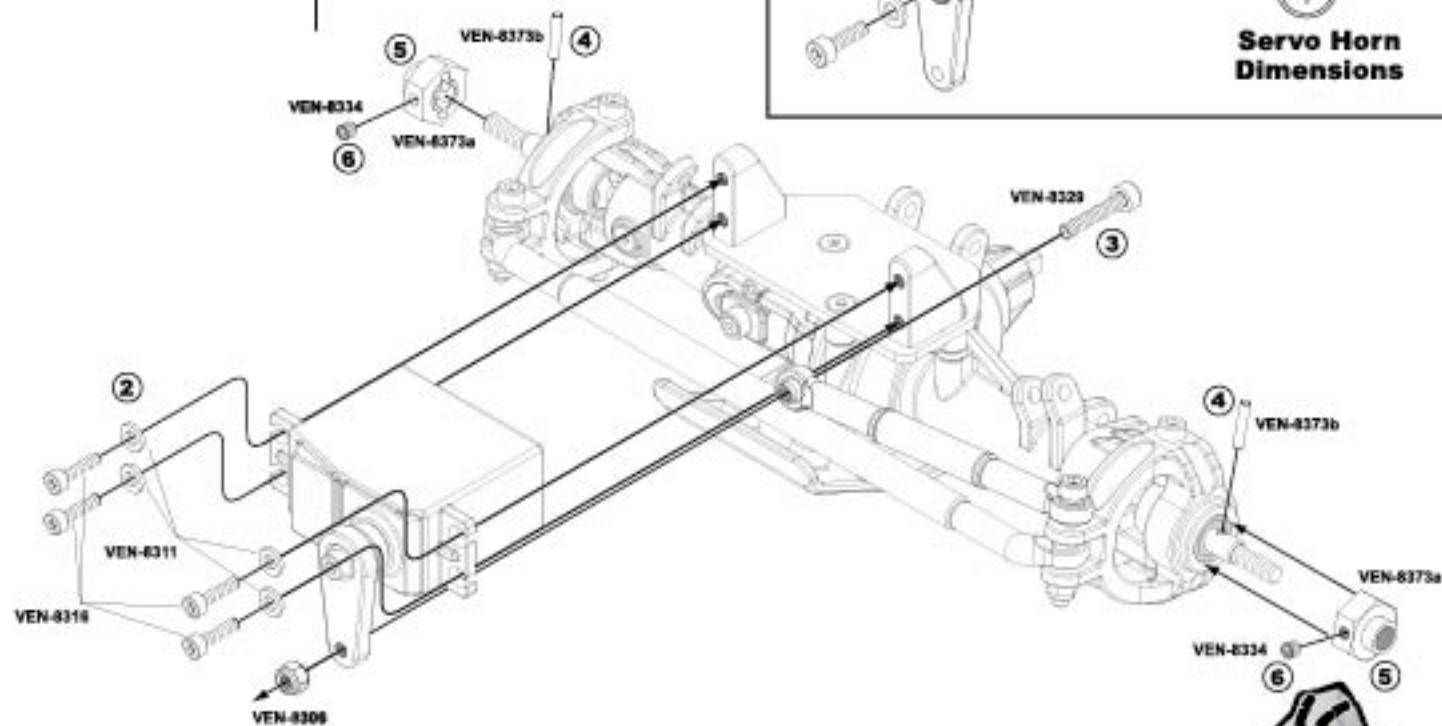
-  x3
VEN-8306 M3
-  x4
VEN-8311
-  x4
VEN-8316 M2.5 x 10mm
-  x1
VEN-8324 M3 x 10mm
-  x1
VEN-8329 M3 x 16mm
-  x1
VEN-8330 M3 x 18mm
-  x1
VEN-8333 M3 x 25mm
-  x2
VEN-8334 M3 x 3mm
-  x2
VEN-8373a
-  x2
VEN-8373b 10mm



Generic Standard Servo



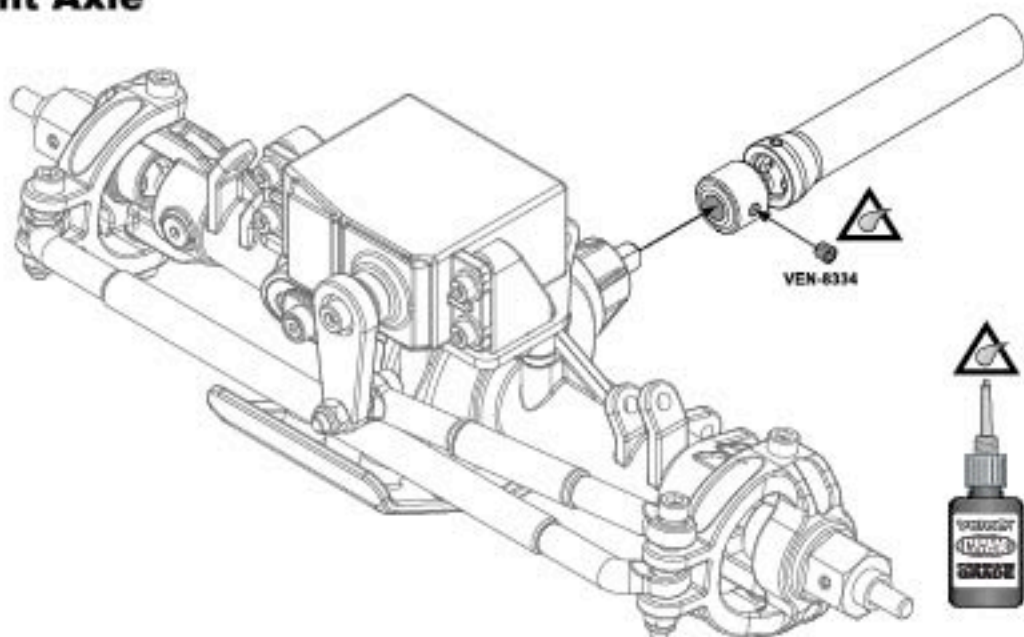
BUILD NOTE
 Note: Use a High Quality High-Torque Servo and Heavy-Duty Servo Horn.



31

Front Axle

 x1
VEN-8334 M3 x 9mm




32

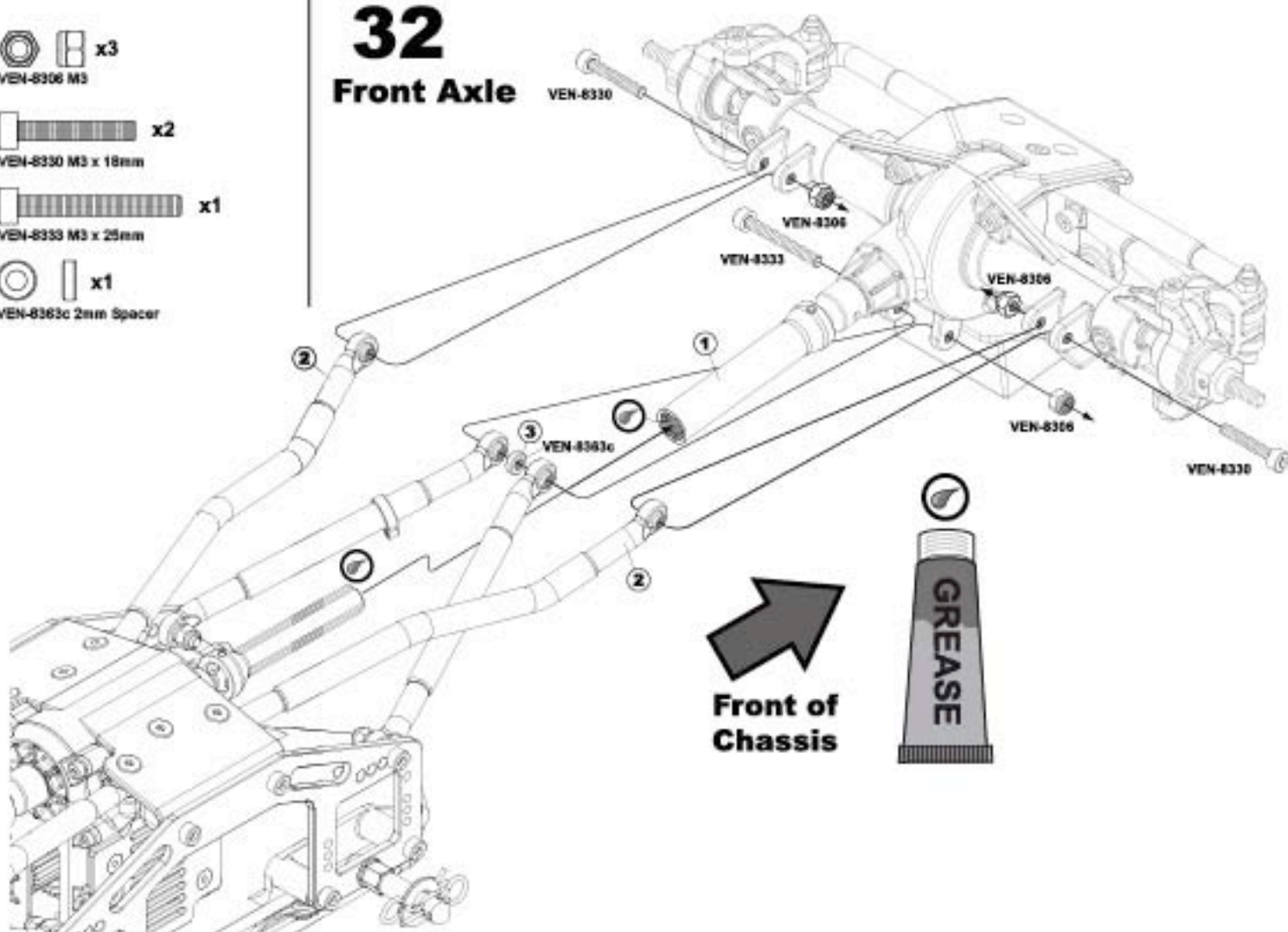
Front Axle

  x3
VEN-8306 M3

 x2
VEN-8330 M3 x 18mm



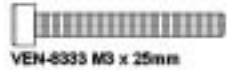

 x1
VEN-8333 M3 x 25mm

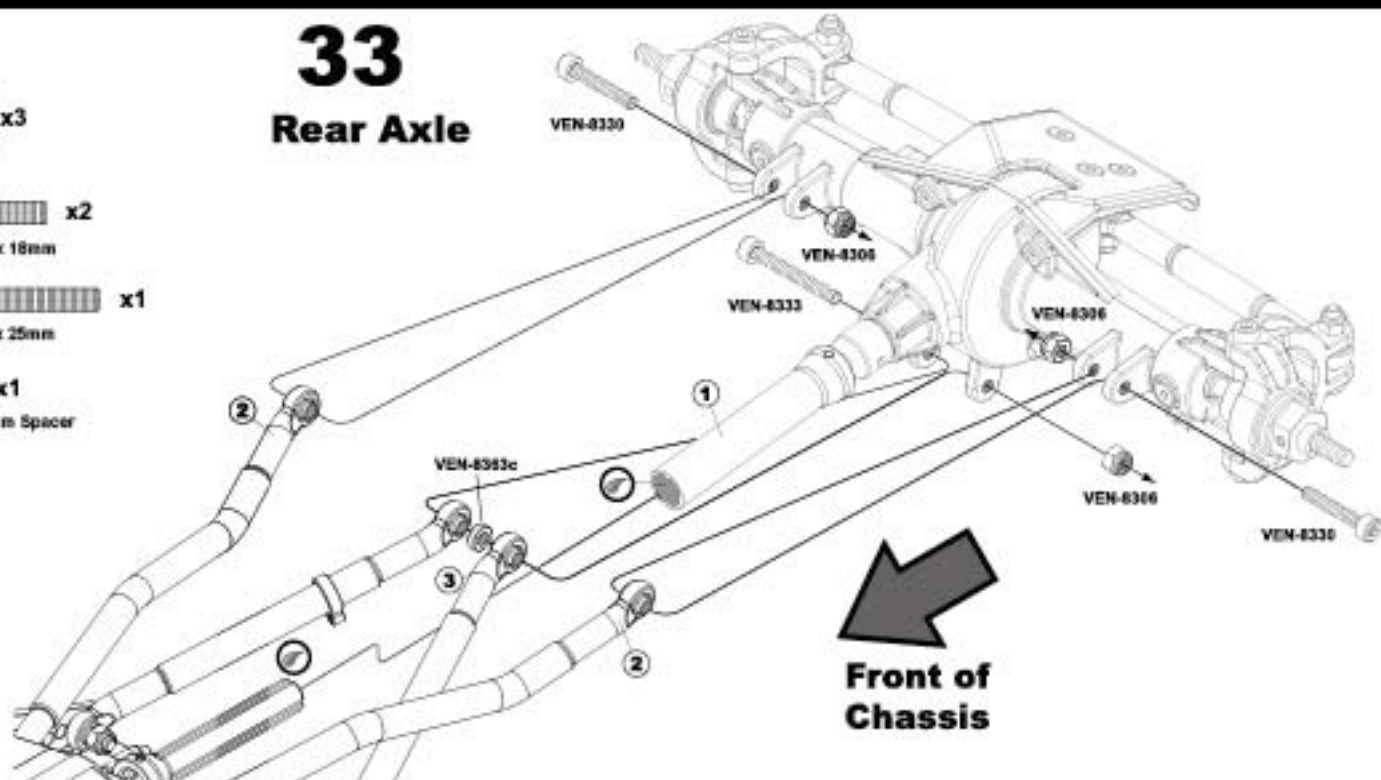
  x1
VEN-8363c 2mm Spacer



33

Rear Axle

-  x3
VEN-8306 M3
-  x2
VEN-8330 M3 x 18mm
-  x1
VEN-8333 M3 x 25mm
-  x1
VEN-8363c 2mm Spacer

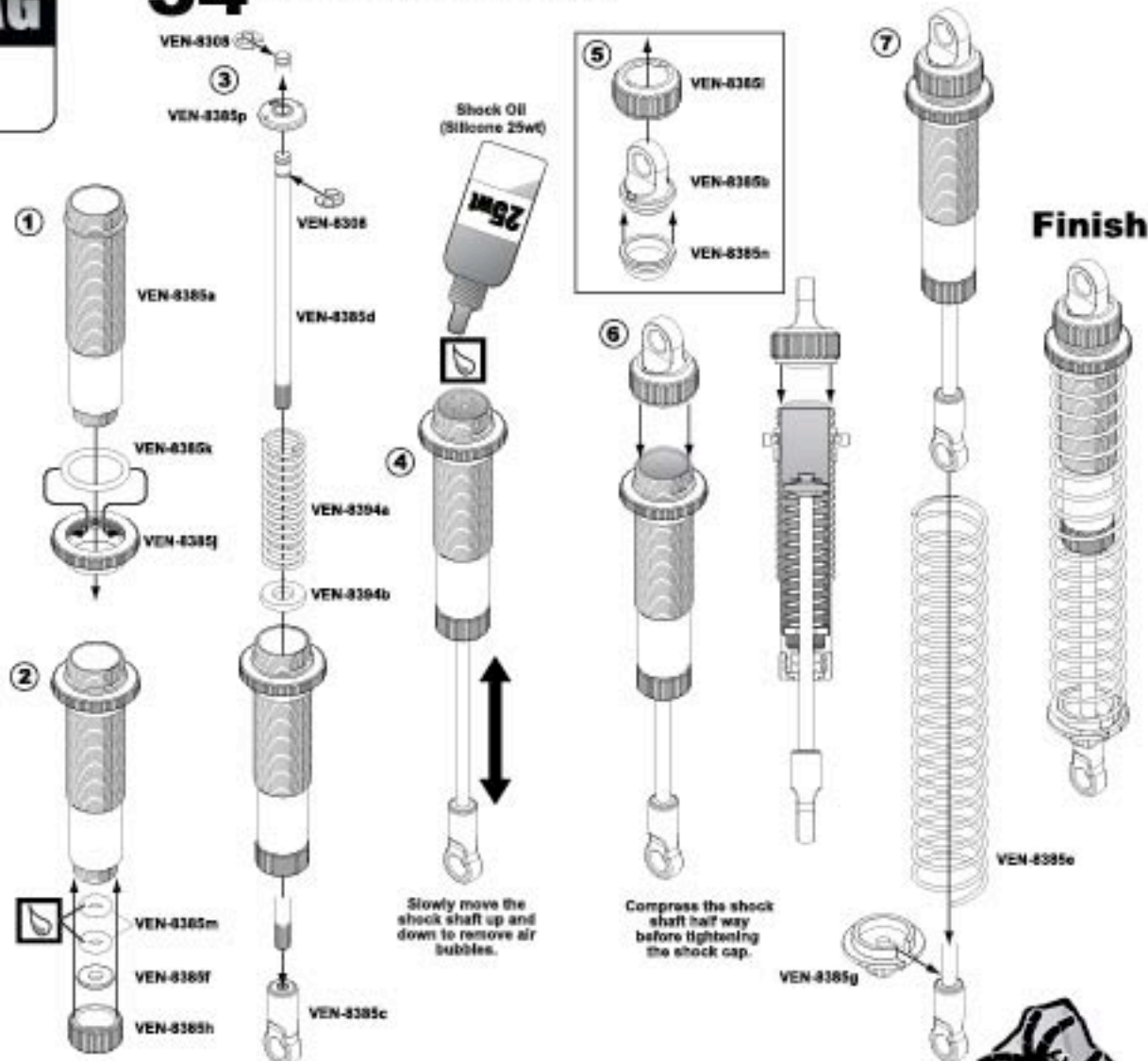


34

Build Four Shocks

OPEN BAG
F

-  x8
VEN-8308
-  x8
VEN-8385c
-  x4
VEN-8385k
-  x4
VEN-8385f
-  x8
VEN-8385m
-  x4
VEN-8385n
-  x4
VEN-8385p
-  x4
VEN-8304a
-  x4
VEN-8304b



35

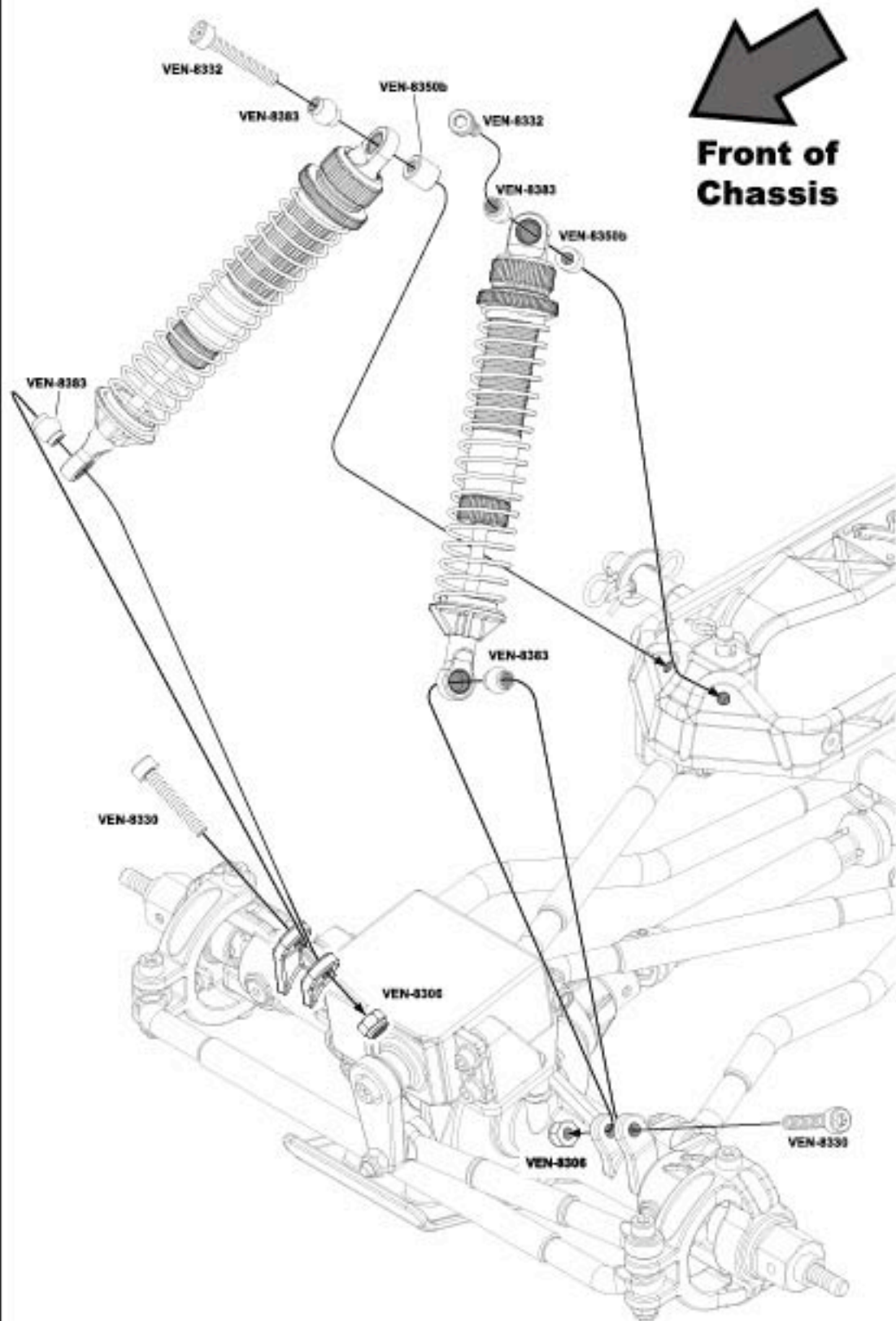
 x2
VEN-8306 MG

 x2
VEN-8330 MG x 18mm

 x2
VEN-8332 MG x 20mm

 x2
VEN-8350b 6mm Spacer

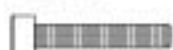
 x4
VEN-8383



36

Rear Shock Assembly

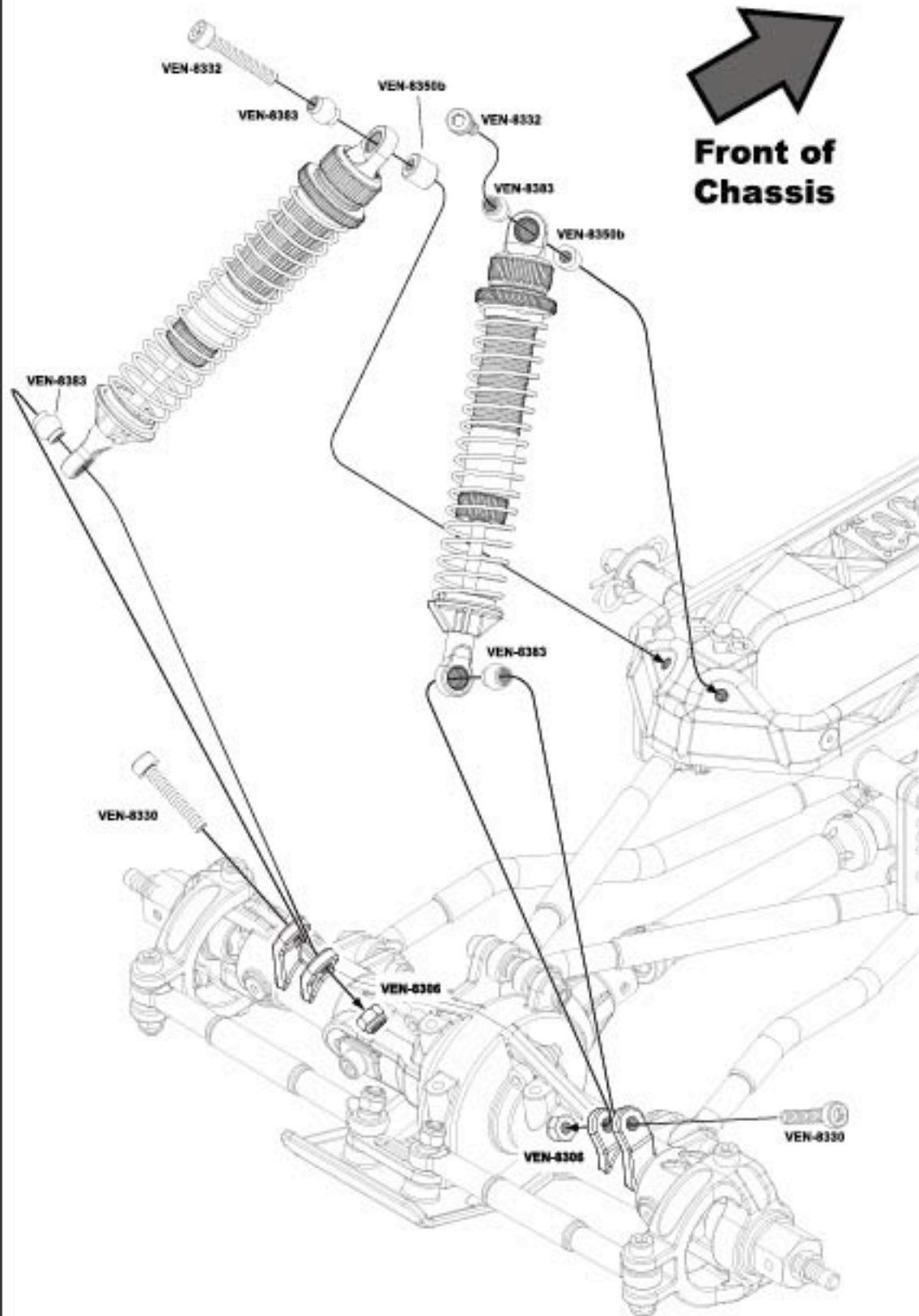
 x2
VEN-8306 M3

 x2
VEN-8330 M3 x 18mm

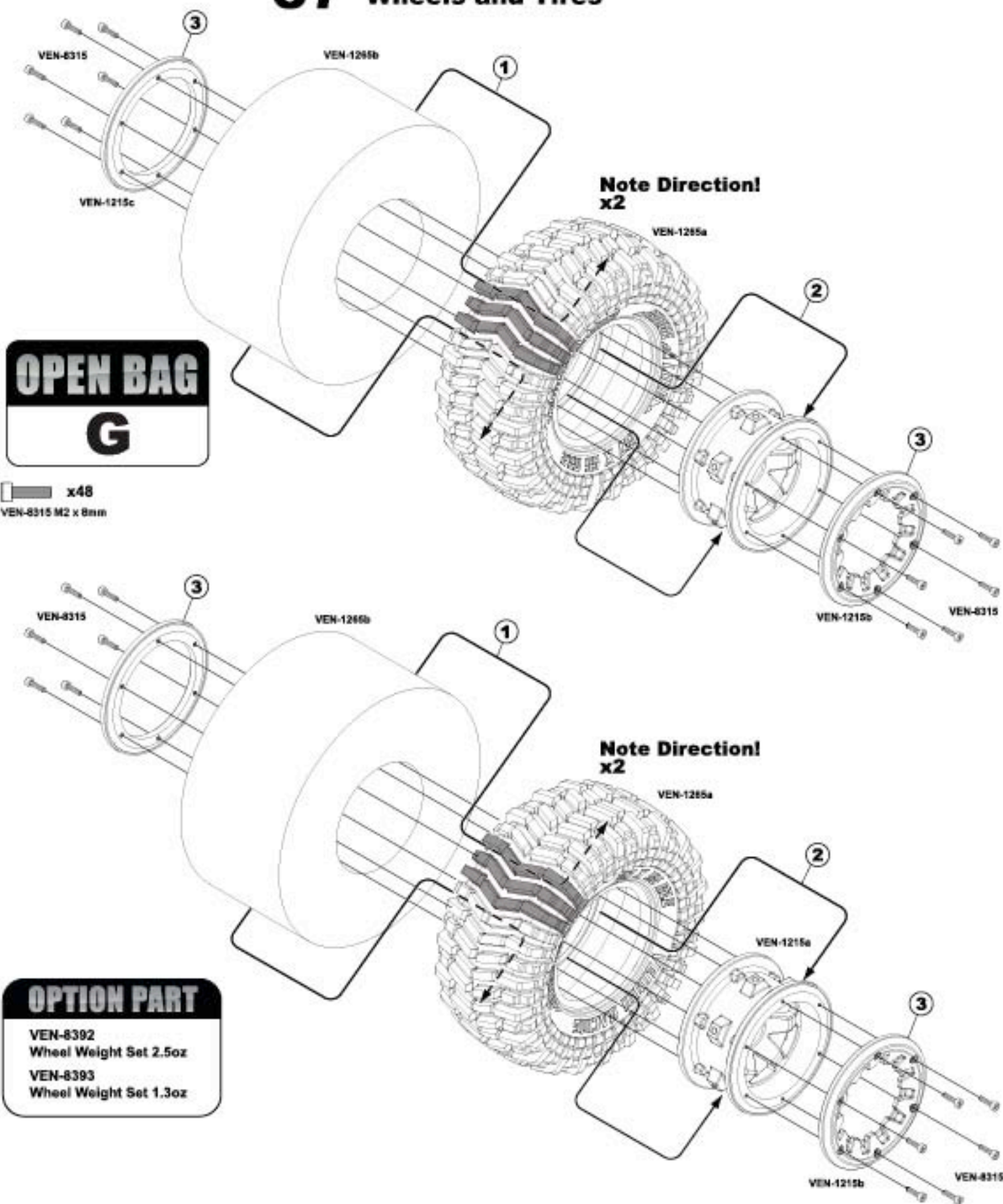
 x2
VEN-8332 M3 x 20mm

 x2
VEN-8350b 6mm Spacer

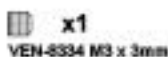
 x4
VEN-8383



37 Wheels and Tires

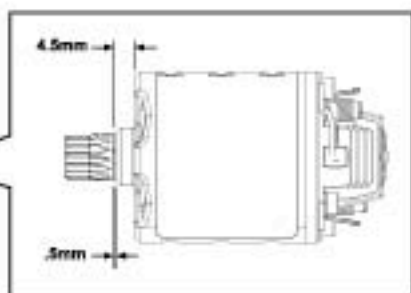


38 Install the Motor



VEN-8334

VEN-1465



BUILD NOTE

Rotate the dust shield when using larger spur and pinion gears.

VEN-8337
VEN-8339
VEN-8337

OPTION PART

VEN-1335
Rock Crawler Fireball Modified 50t
VEN-1336
Rock Crawler Fireball Modified 55t
VEN-1337
Rock Crawler Fireball Modified 60t
VEN-1334
V540 Brushless Motor 18.5T 2700KV

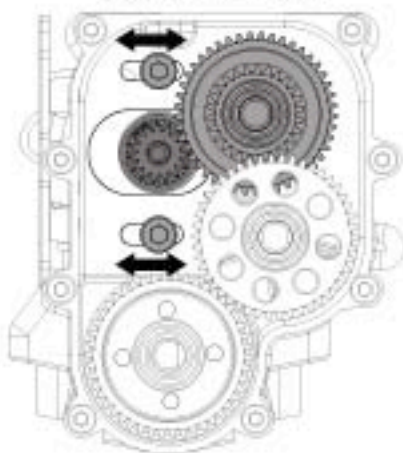
BUILD NOTE

Proper Gear Mesh

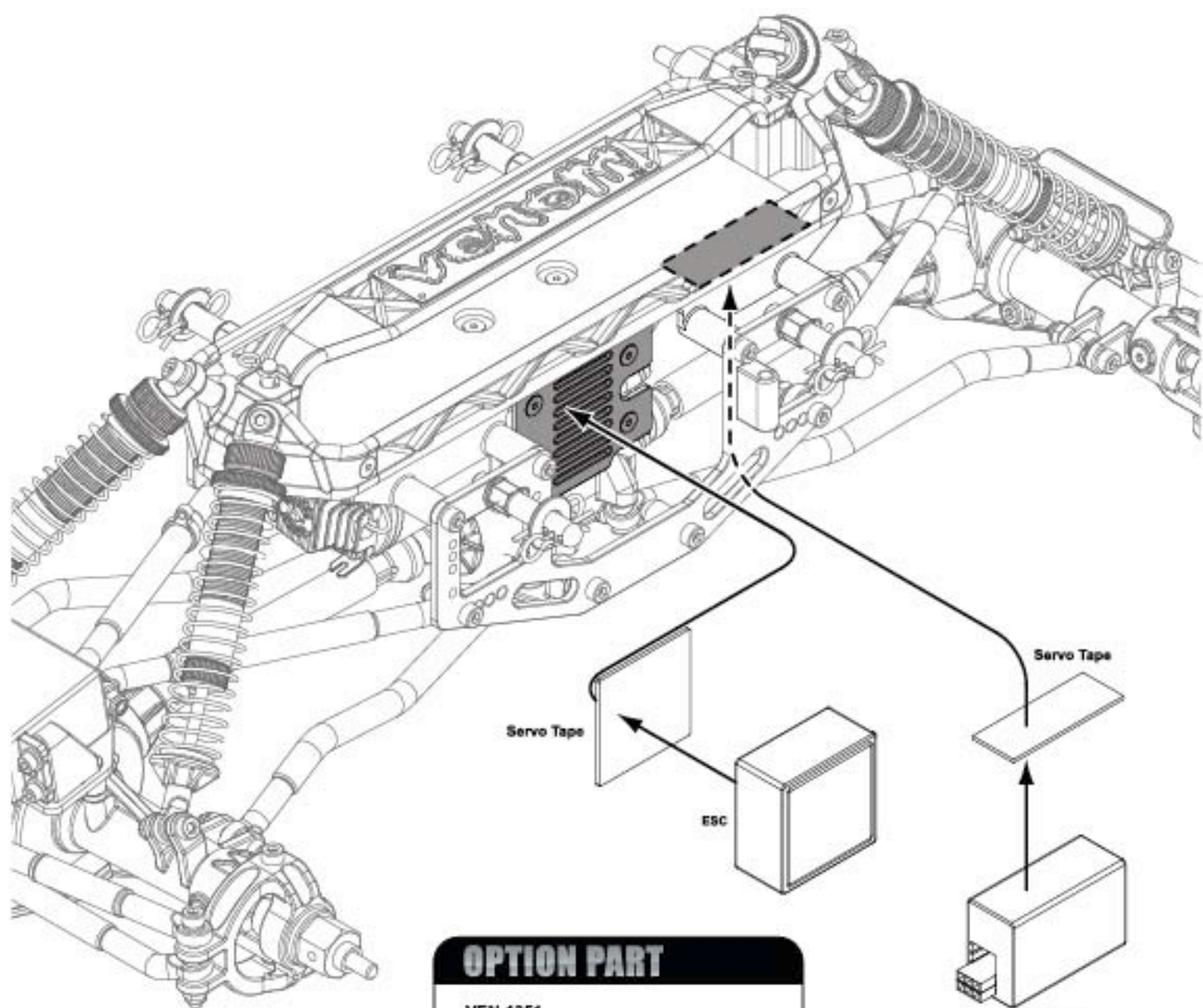
When the gear mesh is set properly, there should be a small amount of free movement. If the mesh is too tight the gears will wear rapidly and the increased drag will cause a decrease in performance. If it is too loose, the gears will strip easily.



Gear Mesh



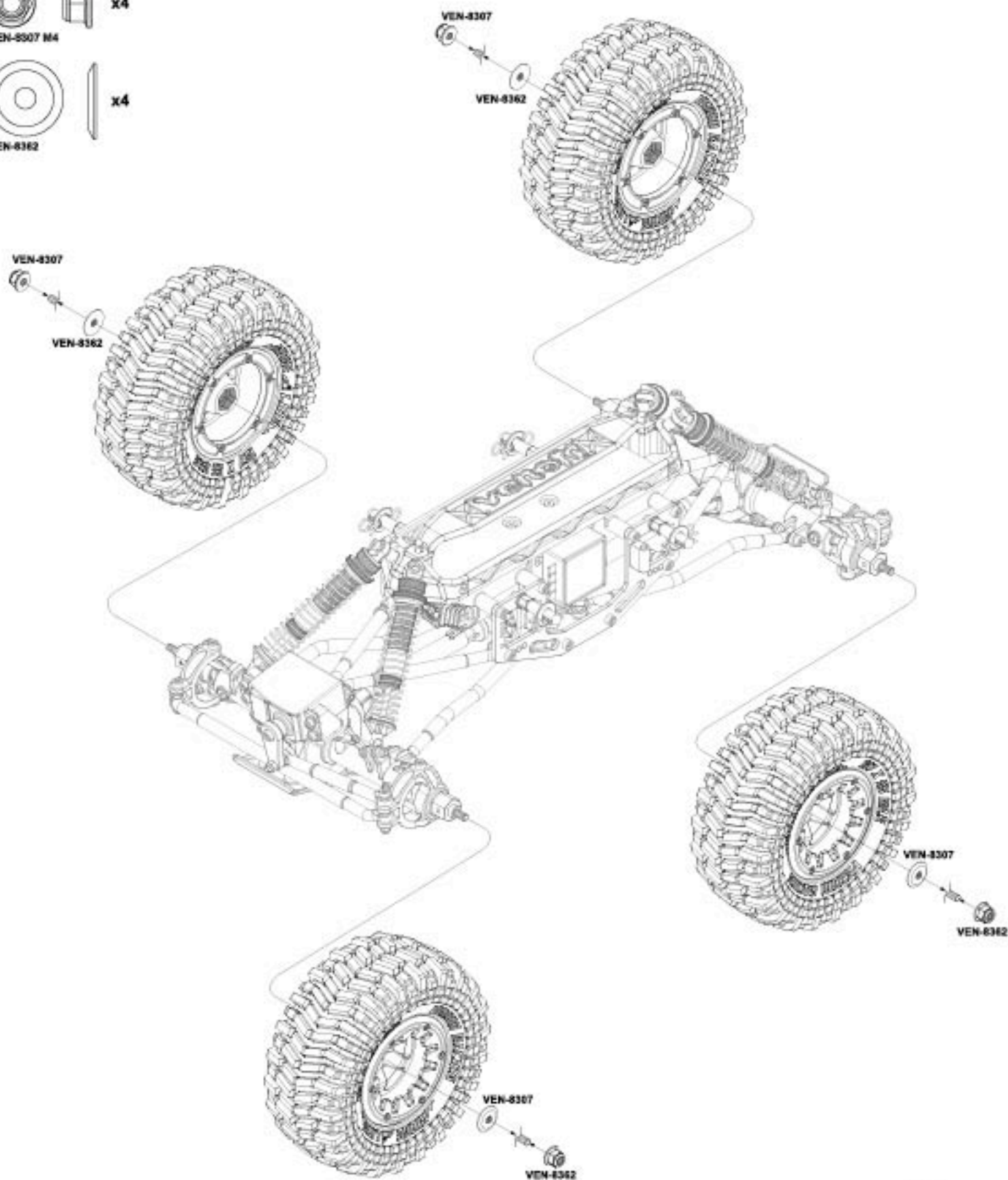
39 Install Electronics



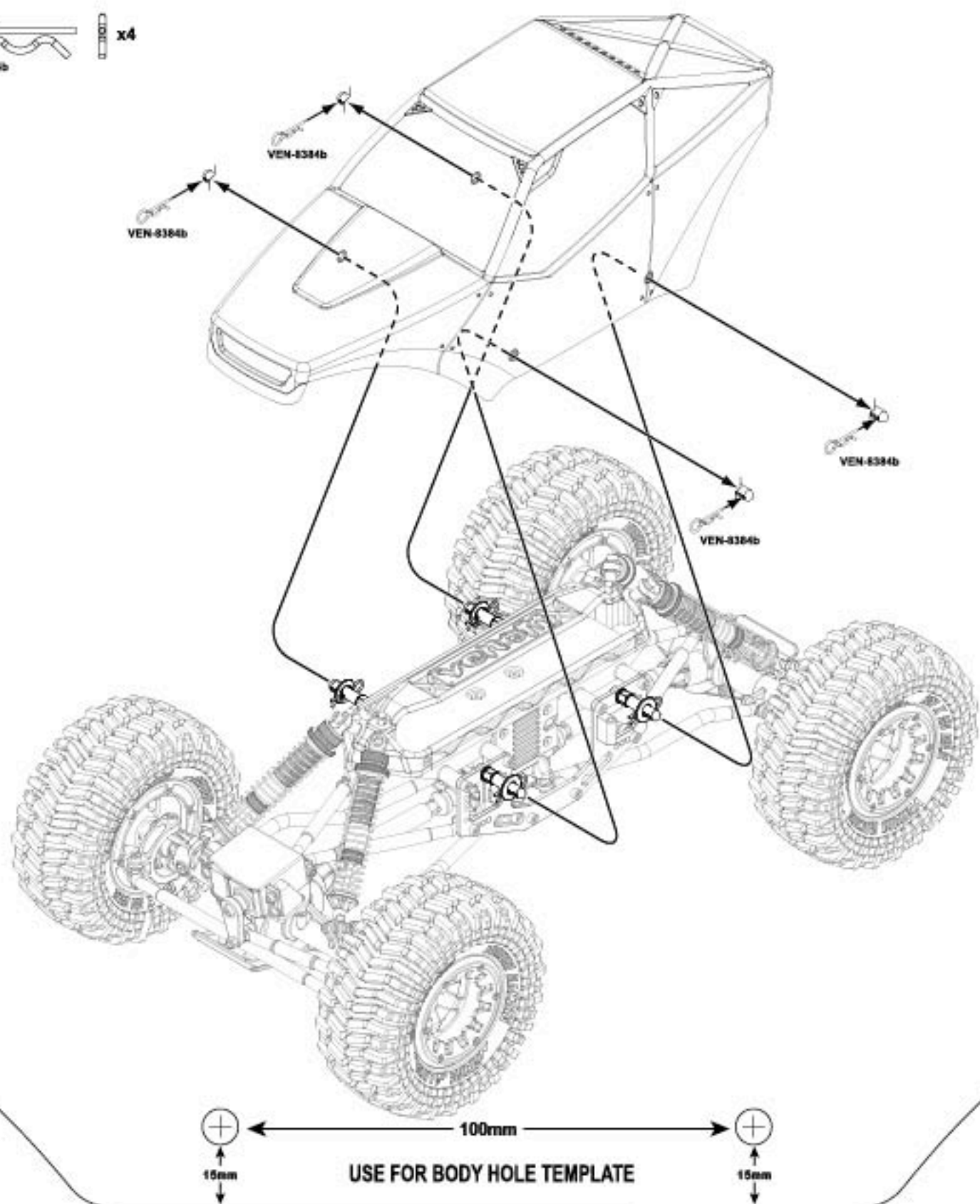
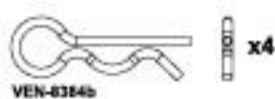
OPTION PART

VEN-1351
Venom Pro ESC 120A w/
V540 18.5T 2700KV Brushless Motor

40 Install Wheels



41 Install Body



Exploded View



VENOM CREEPER TUNING GUIDE

Shock Tuning

The Creeper Chassis has long travel shocks. The shocks can be tuned to allow the Creeper to twist more or reduce twist and even change the ride height. Here are some basic tuning selections you can try with the shocks.

Shock Oil

Heavier oil allows the axles move from side to side slower when climbing.

Lighter oil allows the axles to move faster but can also make the chassis bounce from side to side.

Anti-roll Springs

The internal Anti-roll Spring will help reduce the torque effect of the motor. This will help the Creeper stay more stable for climbing obstacles. Use all 4 springs and spacers to keep the chassis level to the ground.

Gear Ratios

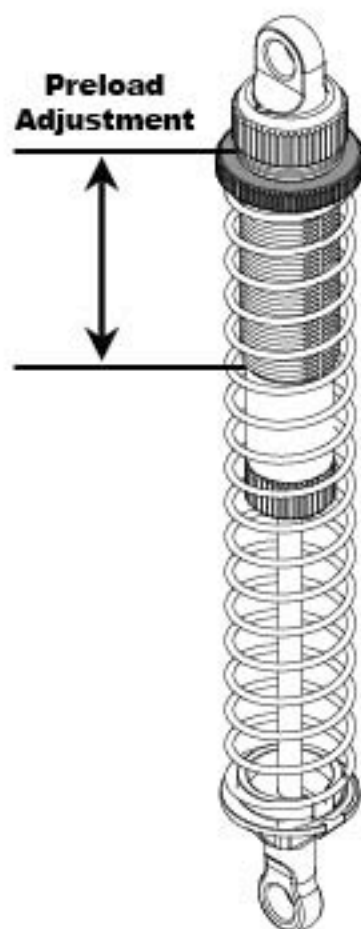
The Creeper transmission has the ability to accept a wide range of gear ratios. Change the gear ratio as needed for more power or speed.

Follow the Gear Ratio Chart to select the best ratio for your needs.

Preload

Tightening the spring collar will raise the chassis and make the shock stiffer.

Loosening the spring collar will lower the chassis and make the shock softer.



48 PITCH
PINION/SPUR

SLOWER
MORE
TORQUE



FASTER
LESS
TORQUE

■ =NOT POSSIBLE
■ =STOCK RATIO

		FASTER ← SPUR GEAR → SLOWER			
		45	46	47	48
PINION GEAR	FDR	45	46	47	48
	12	3.75 62.30	3.83 63.69	3.92 65.07	4.00 66.46
	13	3.46 57.51	3.54 58.79	3.62 60.07	3.69 61.34
	14	3.21 53.40	3.29 54.69	3.36 55.78	3.43 56.96
	15	3.00 49.84	3.07 50.95	3.13 52.06	3.20 53.16
	16	2.81 46.73	2.88 47.77	2.94 48.80	3.00 49.84
	17	2.65 43.98	2.71 44.96	2.76 45.93	2.82 46.91
	18	2.50 41.54	2.56 42.46	2.61 43.38	2.67 44.30
	19	2.37 39.35	2.42 40.22	2.47 41.10	2.53 41.97
	20	2.25 37.38	2.30 38.21	2.35 39.04	2.40 39.87
	21	2.14 35.60	2.19 36.39	2.24 37.18	2.29 37.97
	22	2.05 33.98	2.09 34.74	2.14 35.49	2.18 36.25
	23	1.96 32.51	2.00 33.23	2.04 33.95	2.09 34.67
	24	1.88 31.15	1.92 31.84	1.96 32.54	2.00 33.23
	25	1.80 29.91	1.84 30.57	1.88 31.23	1.92 31.90
	26	1.73 28.76	1.77 29.39	1.81 30.03	1.85 30.67
	27	1.67 27.69	1.70 28.31	1.74 28.92	
	28	1.61 26.70	1.64 27.29		
	29	1.55 25.78			



Speed

With the following formulas you can estimate the speed of your Creeper.

Formulas to Calculate Estimated Speed (use in sequence):

Find these values first:

Tire Roll Out = One Tire Revolution



$KV \times \text{Voltage} = \text{RPM (No Load RPM)}$

Final Drive Ratio = FDR (See Gear Chart)

Follow this sequence:

$\text{RPM} \div \text{FDR} = \text{Wheel RPM (WRPM)}$

$\text{WRPM} \times \text{Rear Tire Roll Out} = \text{mm/min}$

$\text{mm/min} \div 1000 = \text{Meters per min (m/min)}$

$\text{m/min} \times 60 \text{ minutes} = \text{Meters/hour (m/hr)}$

$\text{m/hr} \div 1000 = \text{Kilometers per hour (k/h)}$

$\text{k/h} \times 0.621 = \text{Miles Per Hour (mph)}$

Subtract 20% from the estimated speed for a more realistic speed prediction.

Tire Inserts

Tire inserts can be considered the same as air pressure in a normal tire.

Soft Foam - allows the tire to be flatter and softer, helps the tire conform to irregular surfaces
Harder Foam - helps the tire keep its shape, good for heavier crawlers with added weight

Star Pattern Foam Insert - allows the tire to deform more than a plain round insert does.
Acts like a softer foam insert.

Memory Foam Insert - reduces the bounce of the rubber tire and is usually very soft. Best choice for most applications.

Locking Differential

The Creeper features a unique locking differential which helps make turning in tight spaces easier. Lock and unlock the front or rear as needed while on the trails. Use a heavy gear grease to tune the differential for climbing while unlocked. This helps keep the unloaded wheel from spinning as much.

Locked Differential - Best for climbing / Less turning radius

Unlocked Differential - less effective for climbing / tighter turning radius

Center of Gravity

The Creeper Chassis was designed with the lowest Center of Gravity (CG) possible in mind. Do not use a heavy battery pack. This will raise the CG and reduce the climbing performance of the chassis. Try to use the lightest and or smallest capacity battery pack so you can get the best performance from your Creeper. Using a Lithium Polymer (LIPO) pack is the best choice because they are about 30% lighter than NIMH battery packs. The Creeper is very efficient and will operate for long periods on even the smallest capacity battery pack.

Recommended Battery Packs

VEN-1530	1800mah NiCD
VEN-1532	3000mah NiMH
VEN-1540	3300mah NiMH
VEN-1544	3600mah NiMH
VEN-1553	3200mah LIPO
VEN-1554	4000mah LIPO
VEN-1555	5000mah LIPO

Parts List

PART #	QTY	DESCRIPTION	PART #	QTY	DESCRIPTION
VEN-8300RE		Creeper Kit (Red)	VEN-8351		Battery Cover Post
VEN-8300GR		Creeper Kit (Green)		2	Body Clip Small
VEN-8302	8	10x15x4mm Bearing		2	Battery Post
VEN-8303	10	5x10x4mm Bearing	VEN-8352		Creeper Body Set
VEN-8304	2	5x11x4mm Bearing		1	Creeper Body
VEN-8305	3	M2 Lock Nut		1	Decal Sheet
VEN-8306	5	M3 Lock Nut	VEN-8353		Body Post Set
VEN-8307	4	M4 Wheel Lock Nut		4	Body Post
VEN-8308	8	3mm E-ring		4	Body Post Pivot Mount
VEN-8309	12	M3x20mm Stud		8	Body Clip Large
VEN-8310	4	M3 Narrow Washer	VEN-8354	1	Antenna Mount
VEN-8311	4	M2.5 Narrow Washer	VEN-8355		Diff Housing
VEN-8312	8	M2x10mm Sh Cap Screw		1	Diff Housing Right
VEN-8313	3	M2x6mm Ch Screw		1	Diff Housing Left
VEN-8314	2	M2x6mm Sh Cap Screw		1	Diff-lock Ring Bushing
VEN-8315	10	M2x8mm Sh Cap Screw	VEN-8356		Diff Ring/Pinion
VEN-8316	4	M2.5x10mm Sh Cap Screw		1	39t 26p Ring Gear
VEN-8317	4	M2.5x12mm Ch Screw		1	13t 26p Drive Pinion
VEN-8318	5	M2.5x2.5mm Set Screw	VEN-8357		Diff Gear Set
VEN-8319	5	M2.5x6mm Ch Screw		2	30t 48p Drive Gear
VEN-8320	2	M2.5x6mm Sh Cap Screw		4	15t 48p Spider Gear
VEN-8321	4	M2.5x8mm Ch Screw		2	Spider Gear Shaft
VEN-8322	4	M2.5x8mm Sh Cap Screw	VEN-8358		Diff-Lock Ring
VEN-8323	2	M3x10mm Sch Screw		1	Diff-Lock Ring
VEN-8324	6	M3x10mm Sh Cap Screw	VEN-8359	2	Wheel Hub
VEN-8325	2	M3x12mm Sch Screw	VEN-8360	4	Wheel Hub Bushing
VEN-8326	6	M3x12mm Sh Cap Screw	VEN-8361		Steering Linkage Set
VEN-8327	4	M3x14mm Sh Cap Screw		1	25mm Steering Drag Link
VEN-8328	3	M3x16mm Sch Screw		2	Ball Joint 0-eg
VEN-8329	2	M3x16mm Sh Cap Screw		1	108mm Crossover Link
VEN-8330	5	M3x18mm Sh Cap Screw		2	Ball Joint 45-deg
VEN-8331	2	M3x20mm Sch Screw		4	M3x20mm Stud
VEN-8332	4	M3x20mm Sh Cap Screw		4	M3 Narrow Washer
VEN-8333	2	M3x25mm Sh Cap Screw		2	2mm Spacer
VEN-8334	5	M3x3mm Set Screw	VEN-1215		Beadlox 2.2 RC Wheel
VEN-8335	5	M3x6mm Sch Screw		2	Beadlox 2.2 MT Wheel
VEN-8336	2	M3x8mm Sch Screw		2	Beadlox 2.2 Outer Ring
VEN-8337	4	M3x8mm Sh Cap Screw		2	Beadlox 2.2 Inner Ring
VEN-8338		Transmission Housing		24	M2x8mm Sh Cap Screw
	1	Transmission Housing	VEN-1265		Beadlox Ridge-Line 2.2 Tire
	1	Transmission Cover		2	Beadlox Ridge-Line 2.2 Tire
	1	Transmission Dust Shield		2	Tire Insert
	1	Transmission Plug	VEN-8362	4	Wheel Washer
VEN-8339	1	Transmission Plug	VEN-8363		Axle Case Set
VEN-8340	1	Motor Plate		1	Axle Case Front
	1	Motor Plate		1	Axle Case Back
	1	ESC Mount Plate		2	2mm Spacer
VEN-8341	1	Transmission Gear Set	VEN-8364		VCD Axle Set Short
	1	45t Spur Gear		1	VCD Axle Short
	1	46t Reduction Gear		1	VCD Yoke
	1	Idler Gear		1	VCD Yoke Pin 12mm
	1	46t Drive Gear		1	VCD Shaft
VEN-8342		Transmission Shaft Set		1	M2.5x2.5mm Set Screw
	2	Gear Shaft	VEN-8365		VCD Axle Set Long
	2	Gear Spacer		1	VCD Axle Long
	1	Output Shaft		1	VCD Yoke
VEN-8343	1	45t Spur Gear		1	VCD Yoke Pin 12mm
VEN-8348	1	Chassis Skid Plate		1	VCD Shaft
	1	Transmission Skid Right		1	M2.5x2.5mm Set Screw
	1	Transmission Skid Left	VEN-8366		C-Hub L/R
VEN-8349		Upper Chassis Set		1	C-Hub Right
	1	Upper Chassis		1	C-Hub Left
	1	Foam Pad	VEN-8367	1	VCD Shaft
	2	Battery Post	VEN-8368		Diff Lock Switch
	1	Battery Cover		1	Diff-Lock Switch Cover
VEN-8350		Shock Tower		1	Diff-Lock Switch
	2	Shock Tower		1	Diff-Lock Switch Dust Cover RTR
	4	6mm Spacer			



Parts List

PART #	QTY	DESCRIPTION	PART #	QTY	DESCRIPTION
VEN-8370	1	Skid Plate	VEN-8394	1	Anti-Roll Springs Set
	1	Rear Link Spacer		1	Internal Shock Spring
VEN-8371		Skid Plate		1	Internal Spring Spacer
	2	Servo Mount			
	1	Servo Mount			
	1	Steering Servo Plate			
	1	2mm Spacer			
	3	6mm Spacer			
VEN-8372	1	Servo Arm (Venom)			
VEN-8373		Hex Drive			
	4	Axle Hex Adapter			
	4	Hex Adapter Pin			
	4	M3x3mm Set Screw			
VEN-8374		Upper Link Set			
	2	Upper Link			
	4	Ball Joint 20-deg			
	4	M3x20mm Stud			
VEN-8377		Lower Link Set			
	2	Lower Link			
	4	Ball Joint 12-deg			
	4	M3x20mm Stud			
VEN-8380		VCD Center Driveline			
	1	VCD Half Shaft Female			
	1	VCD Half Shaft Male			
	1	VCD Coupler			
	1	M2.5x2.5mm Set Screw			
	1	VCD Yoke			
	1	VCD Yoke Pin 13mm			
VEN-8383	6	Pivot Ball 6mm			
VEN-8384		Body Clips			
	2	Body Clip Small			
	4	Body Clip Large			
VEN-8385		Crawler Shocks (1 Pair)			
	2	Shock Body			
	2	Shock Upper Pivot			
	2	Shock Lower Pivot			
	2	Shock Shaft			
	2	Shock Spring			
	2	Shock Lower Cap Seal			
	2	Shock Spring Perch			
	2	Shock Lower Cap			
	2	Shock Upper Cap			
	2	Shock Collar			
	2	Shock Collar Oring			
	2	2 Hole Shock Piston			
	4	Shock O-Ring Seal			
	2	Shock Bladder			
VEN-8387		Shock O-Ring/Bladder			
	4	Shock O-Ring Seal			
	2	Shock Bladder			
VEN-8388		Shock Piston/Seal			
	2	2 Hole Shock Piston			
	2	Shock Lower Cap Seal			
VEN-0337	1	Antenna Tube			
VEN-1465	1	15t 48p Motor Pinion			
VEN-8389		Chassis Plate Set			
	2	Chassis Plate			
VEN-8391		Rear Link Set			
	6	2mm Spacer			
	2	Steering Link			
	4	M3x20mm Stud			
	1	Ball Joint 0-deg			

Option Parts

VEN-1336	1	Fireball 55t Crawler Brushed Motor
VEN-1351	1	V540 Brushless Motor 18.5T 2700Kv
VEN-8344	1	46t Spur Gear
VEN-8345	1	47t Spur Gear
VEN-8346	1	48t Spur Gear
VEN-8347		Remote Diff Lock Kit
	1	Diff-lock Servo Cable Stay
	1	Diff-lock Cable Adjustment
	1	Servo Arm Clevis
	1	Servo Spacer
	1	M2.5X2.5mm Set Screw
	1	M2 Lock Nut
	1	Diff Lock Tube
	1	Diff Lock Cable
	1	Cable Stay
	1	Option Diff-lock Switch Dust Cover
	1	Option Diff-lock Lever
	1	Small Cable Stay
	1	6mm Spacer
	1	Diff-lock Cable Support
VEN-8390		Carbon Chassis Plate Set
	2	Chassis Plate
VEN-8392		Wheel Weight Set 2.5oz
	12	M3x8mm Skt B.H. Screw
	12	2.5oz Weight
VEN-8393		Wheel Weight Set 1.3oz
	12	M3x8mm Skt B.H. Screw
	12	1.3oz Weight
VEN-8395		Alloy Diff Case Set
	1	Diff Housing Left
	1	Diff Housing Right
	4	M2x8mm Sh Cap Screw

WARRANTY, SERVICE AND SUPPORT

Thank you for purchasing the Venom Creeper™. We want to assure you that your model is backed by first-class customer service and support. If you have questions or concerns about your Venom Creeper™, simply call us at 800.705.0620, Monday – Friday, 9:00am to 4:00pm Pacific Standard Time. You can also e-mail us at customerservice@venom-group.com. For hands on service and faster access to replacement parts, please visit your local hobby shop.

Venom Group™ Limited Warranty

Venom Group™ warrants this product to be free of material and workmanship defects when new. If a component is found to be defective or was not correctly made, Venom™ will, at its sole discretion, repair or replace it free of charge within 90 days from date of purchase. If you believe a defect became evident only after operation, please contact us to discuss the situation.

The Venom Creeper™ is a hobby-class model™ and not a "toy". Because this product is intended to be used over a wide range of operating conditions and situations, Venom Group™ does not offer any warranty, express or implied, that covers damage caused by normal use or wear, or cover or imply how long any component of the Venom Creeper™ will last before requiring replacement due to wear or breakage.

Any and all warranty coverage does not cover replacement of parts and components damaged by water, neglect, improper use, chemical damage, crash damage, unauthorized modification or the use of any non Venom™ product in association with the Venom Creeper™.

A dated & itemized sales receipt must accompany any product returned for warranty work.

Warning

Venom Group™ and its affiliates, partners and subsidiaries cannot control the use, application or installation of this product and shall not be held liable for any property damage or personal injury resulting from the improper use of this product or failure to follow the supplied instructions.

By the act of using this product, the user accepts all resulting liability. In no case will Venom Group™ liability be greater than the actual purchase price of the product.



Repair

For all non-warranty repairs, Venom Group™ charges \$20/hr plus the cost of the replacement parts and \$10 for return shipping to US/Canada or \$30 International.

When sending in a product for warranty and/or repair, please follow these steps:

- 1) Call Venom Group™ Customer Service at 800-705-0620 to receive a Return Merchandise Authorization Number (RMA #).
- 2) Include a short summary of the problem.
- 3) Include your return address, ***We can NOT return ship to PO Boxes***.
- 4) Include a daytime telephone number and/or e-mail address.
- 5) When preparing the Venom Creeper™ for shipment, please use the following guidelines to assist us in expediting your repair and keeping any repair costs for you to a minimum:
 - Remove all batteries from the Venom Creeper™.
 - Remove any non Venom™ after-market parts.
 - Package all items in original box as arranged upon purchase.
 - If you are sending loose items, please seal them in a bag to avoid loss. Make sure to secure all parts to prevent further damage.
 - Ship your package "Insured" and ask for "Delivery Confirmation" with a tracking number. Venom Group™ will not be responsible for lost or damaged packages in transit to us.

Contact

Venom Group International
North America
600 West Buckles Road
Hayden, ID 83835

Australia
P.O. Box 7325
Alexandria NSW 2015 Australia

Customer Service
800.705.0620
customerservice@venom-group.com
www.venom-group.com





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Venom Group International
North America
600 West Buckles Road
Hayden, ID 83835

Australia
P.O. Box 7325
Alexandria NSW 2015 Australia

Customer Service
800.705.0620
customerservice@venom-group.com
www.venom-racing.com