

# SC8

SHORT COURSE

## :: Catalog & Parts Listing

80924: AE Team RTR



80920: Red Bull RTR



80921: Lucas Oil RTR



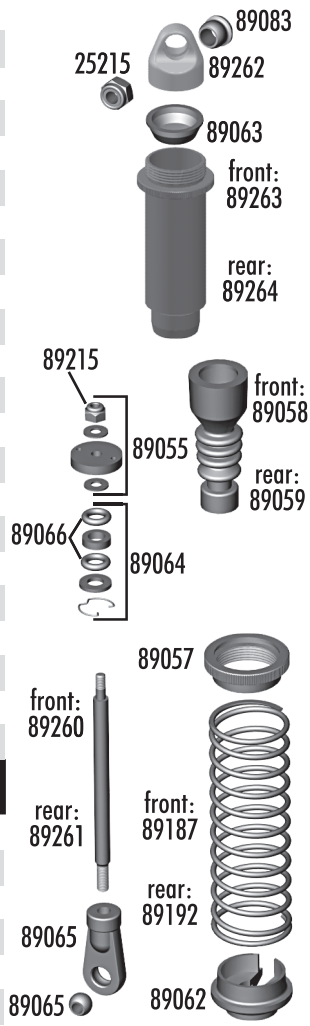
80922: KMC RTR



80923: Bully Dog RTR

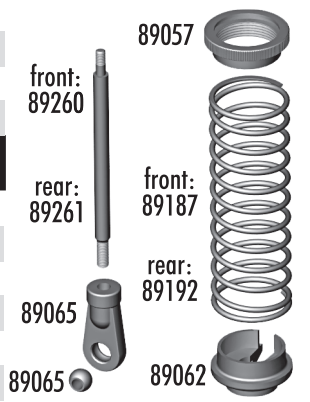
# Shocks

25215	M3 locknut	20
89047	Threaded rear shock Set	Set
89048	Threaded front shock set	Set
89051	Threaded rear shock body (FT)	Pr.
89052	Threaded front shock body (FT)	Pr.
89055	Shock piston set	Set
89057	Threaded shock collars w/ O-rings	Pr.
89058	Shock boots, front	4
89059	Shock boots, rear	4
89062	Shock spring cup	4
89063	Shock bladders	8
89064	Shock rebuild kit, for 4 shocks	Set
89065	Shock rod ends and balls	Set
89066	Shock O-rings	8
89083	Shock bushings	4
89215	Shock piston locknut	10
89260	Shock shaft RTR 29mm, front	2
89261	Shock shaft RTR 38mm, rear	2
89262	Molded shock caps	4
89263	Shock body RTR, front	2
89264	Shock body RTR, rear	2
89266	Shock preload clips RTR	Set



# Springs

89186	Front spring black (3.31 lbs)	Pr.
89187	Front spring silver (3.93 lbs) - Kit	Pr.
89188	Front spring bronze (4.61 lbs)	Pr.
89191	Rear spring black (2.75 lbs)	Pr.
89192	Rear spring silver (3.31 lbs) - Kit	Pr.
89193	Rear spring bronze (3.93 lbs)	Pr.
89195	Front spring complete set	Set
89196	Rear spring complete set	Set



# Shock Oil

5420	10 Weight Silicone Shock Oil	2oz.
5421	20 Weight Silicone Shock Oil	2oz.
5422	30 Weight Silicone Shock Oil	2oz.
5423	40 Weight Silicone Shock Oil	2oz.
5425	80 Weight Silicone Shock Oil	2oz.
5427	15 Weight Silicone Shock Oil	2oz.
5428	25 Weight Silicone Shock Oil	2oz.
5429	35 Weight Silicone Shock Oil	2oz.
5430	45 Weight Silicone Shock Oil	2oz.
5431	55 Weight Silicone Shock Oil	2oz.
5435	50 Weight Silicone Shock Oil	2oz.
5436	60 Weight Silicone Shock Oil	2oz.
5437	70 Weight Silicone Shock Oil	2oz.



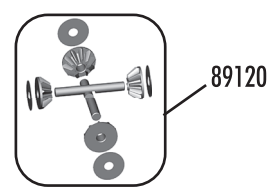
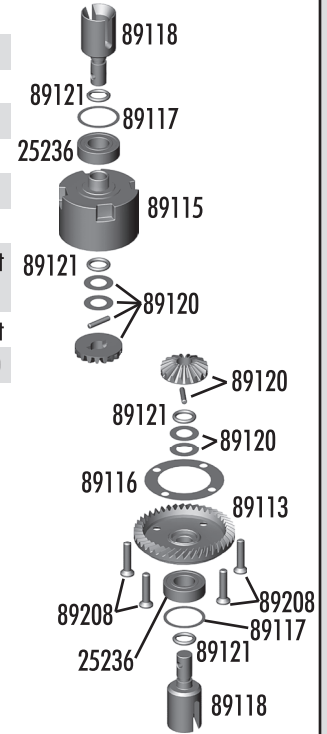
# Differential Fluid

5450	Silicone Diff Fluid 1000CST	1
5451	Silicone Diff Fluid 2000CST	1
5452	Silicone Diff Fluid 3000CST	1
5453	Silicone Diff Fluid 5000CST	1
5454	Silicone Diff Fluid 7000CST	1
5455	Silicone Diff Fluid 10000CST	1



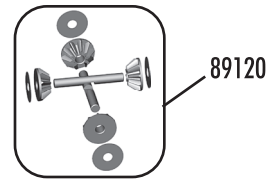
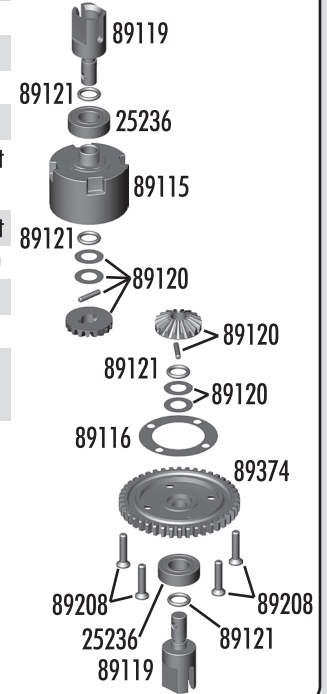
# Front and Rear Diffs

25236	8x16x5 Bearings	2
89112	Complete diff (FR/RR)	1
89113	Diff ring gear, includes diff gasket	1
89115	Diff housing	1
89116	Diff gasket	4
89117	Diff shims	8
89118	Diff outdrives	2
89120	Diff sun/planet gears, includes washers and pins	Set
89121	Diff 0-rings, big and small	Set
89208	3x14mm FHCS	10



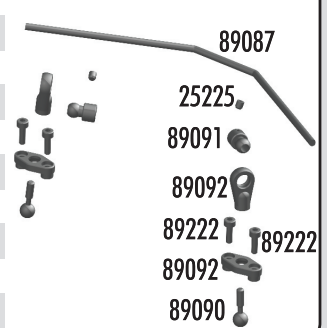
# Center Diff

25236	8x16x5 Bearings	2
89115	Diff housing	1
89116	Diff gasket	4
89119	Center diff outdrives	2
89120	Diff sun/planet gears, includes washers and pins	Set
89121	Diff 0-rings, big and small	Set
89208	3x14mm FHCS	10
89372	Spur gear 50T, includes diff gasket	1
89373	Spur gear 52T, includes diff gasket	1
89374	Spur gear 54T, includes diff gasket (kit)	1



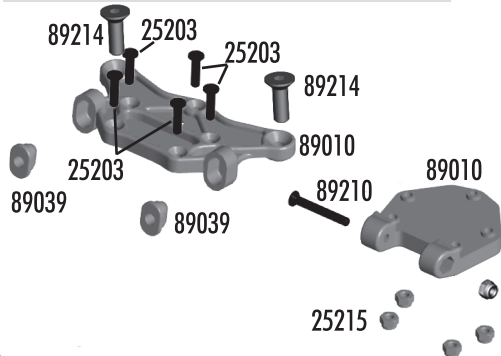
# Anti-Roll Bars

25225	3x3mm setscrew	20
89086	Anti-roll bar complete set	Set
89087	Anti-roll bar 2.2mm - black (kit)	1
89088	Anti-roll bar 2.5mm - silver	1
89089	Anti-roll bar 2.8mm - gold	1
89090	Anti-roll bar ball joint	4
89091	Anti-roll bar socket joint	Set
89092	Anti-roll bar pivot retainers/eyelets	Set
89093	Anti-roll bar 3.0mm - black	1
89222	2.5x8mm SHCS	10



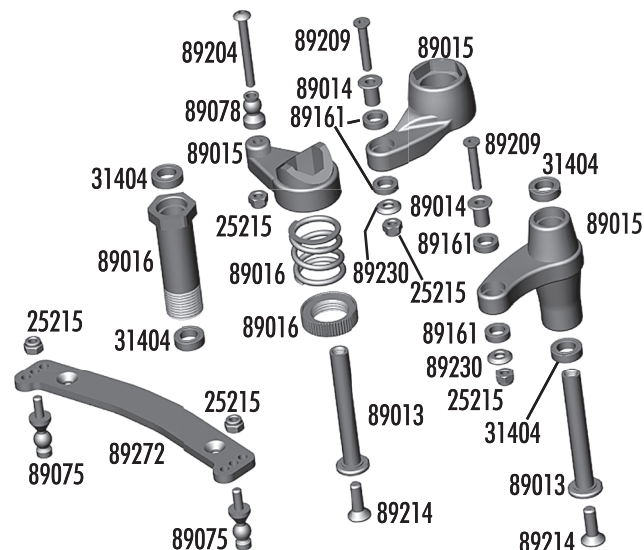
# Top Plate

25203	3x12mm FHCS	20
25215	M3 locknut	20
89010	Top Plate, upper and lower (kit)	Set
89039	Hinge pin bushings, 1/2/3 dot	Set
89210	3x20mm FHCS	10
89214	4x12mm FHCS	10
89234	Blue aluminum top plate (FT)	1
89236	Aluminum top plate (FT)	1



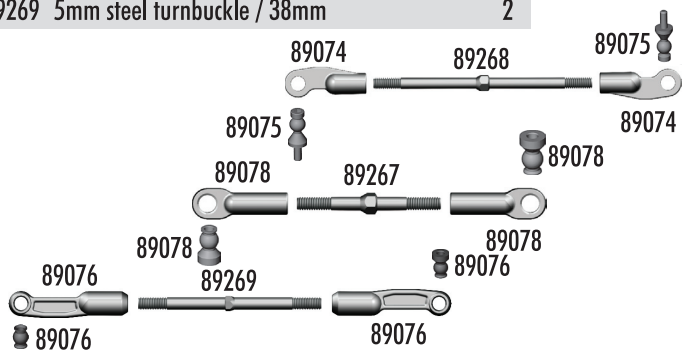
# Steering

25215	M3 locknut	20
31404	6x10 bearing	2
89012	Carbon fiber steering rack	1
89013	Steering post	2
89014	Steering rack post	2
89015	Bellcranks & servo saver	Set
89016	Servo saver bolt, nut, spring	Set
89075	Steering ballstuds	4
89078	Servo link rod ends	Set
89161	Steering bearing set	Set
89204	3x24mm BHCS	10
89209	3x18mm FHCS	10
89214	4x12mm FHCS	10
89230	Silver cone washer	10
89235	Aluminum steering rack	1
89272	Steering rack (kit)	1



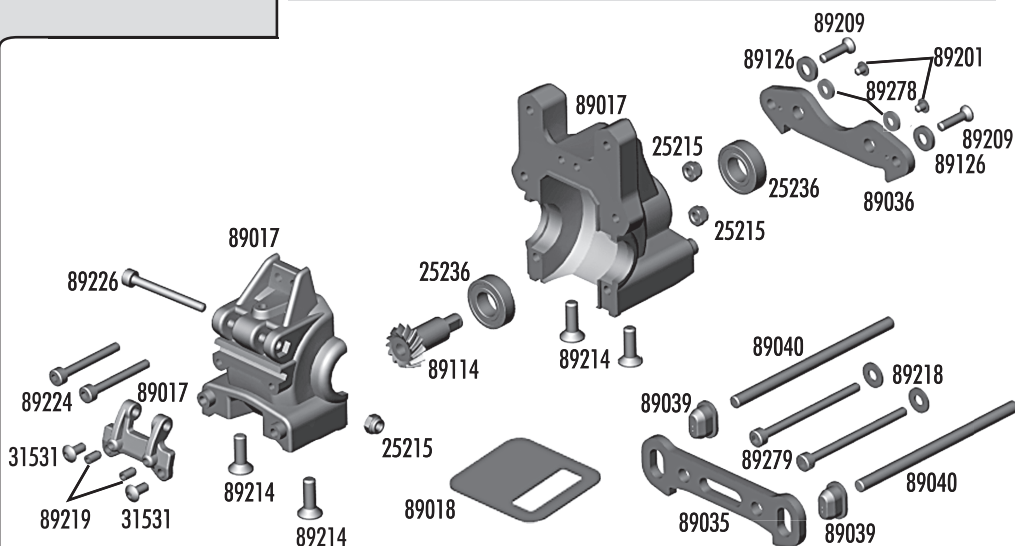
# Turnbuckles

89070	Titanium turnbuckle set	Set
89074	Steering rod ends	4
89075	Steering ballstuds	4
89076	Camber rod ends	4
89078	Servo link rod ends	2
89240	FT turnbuckle wrench	1
89241	5.5mm turnbuckle wrench	1
89267	4mm steel turnbuckles / 32mm	1
89268	4mm steel turnbuckle / 42mm	2
89269	5mm steel turnbuckle / 38mm	2



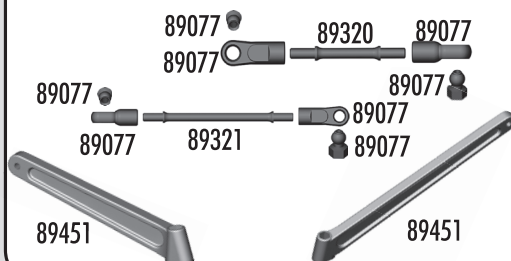
# Front Gearbox

25215	M3 locknut	20
25236	8x16x5 bearings	2
31531	M3x6mm BHCS	10
89017	FR/RR gearbox	1
89018	Gearbox gasket	4
89035	Arm mount A	1
89036	Arm mount B	1
89039	Hinge pin bushings	Set
89040	Inner hinge pins	Set
89114	Diff pinion gear	1
89126	Linkage set washer	10
89201	2.5x3mm BHCS	10
89209	3x18mm FHCS	10
89214	4x12mm FHCS	10
89218	3x8mm washer	10
89219	3x5mm setscrew	10
89224	3x16mm SHCS	10
89226	3x26mm SHCS	10
89278	2.5mm washer	20
89279	3x45mm SHCS	10



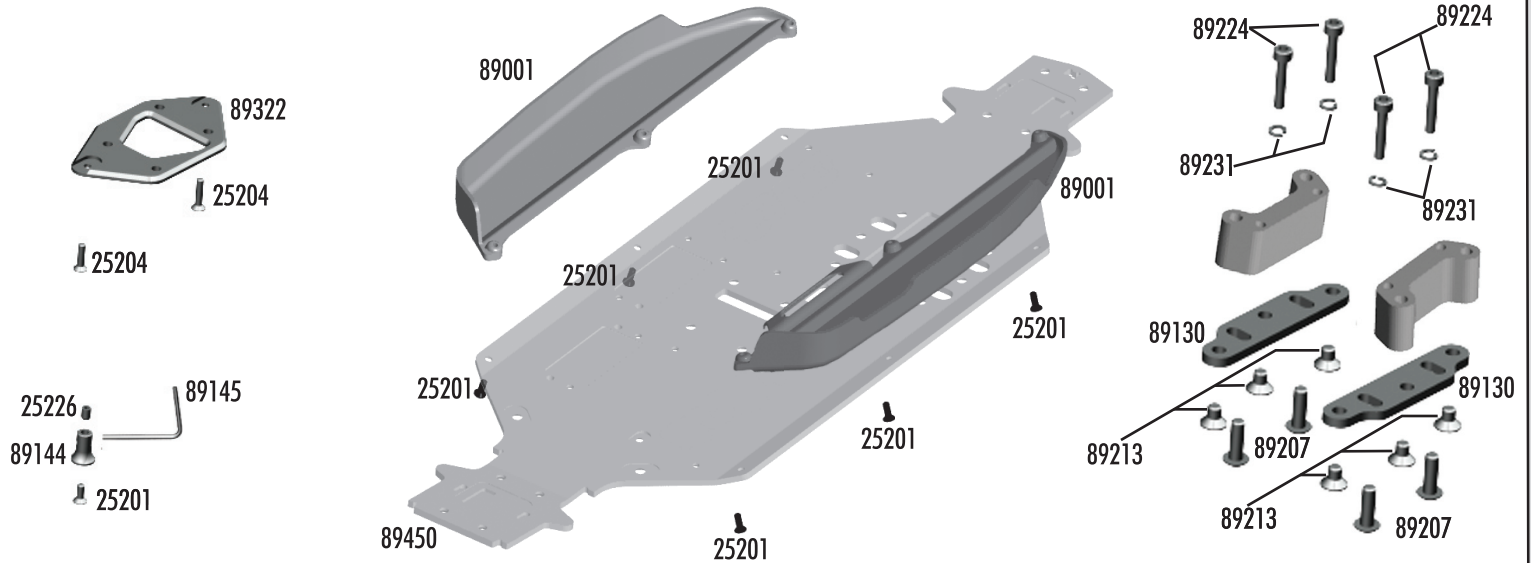
# Chassis Braces

89077	Chassis brace rod ends	Set
89320	Front chassis brace set	Set
89321	Rear chassis brace set	Set
89378	Aluminum chassis brace front	1
89379	Aluminum chassis brace rear	1
89451	RTR chassis Brace set	Set





# Chassis

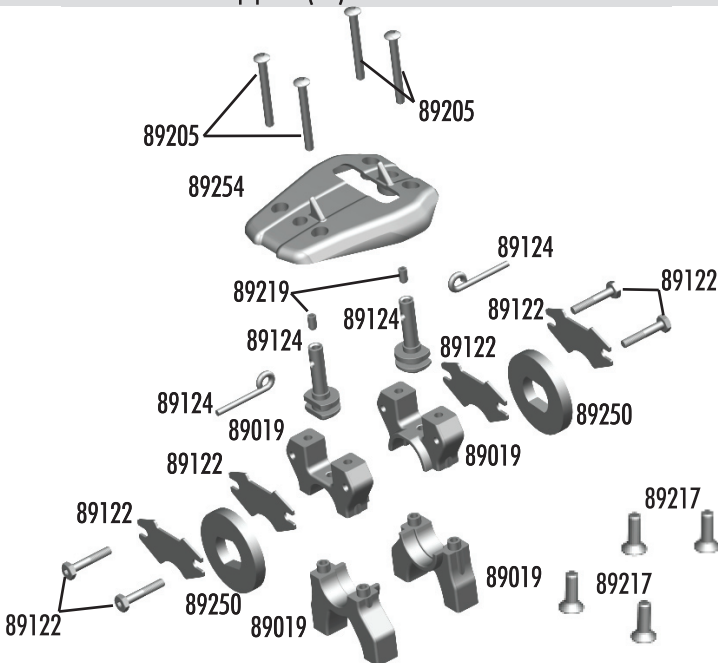


25201	3x8mm FHCS	20
25204	3x16mm FHCS	20
25226	M4x5mm setscrew	20
89001	Side guard, right/left	Pr.
89130	Engine mount plates	2
89144	Pipe mount	1
89145	Pipe mount wire	1

89207	4x12mm BHCS	10
89213	4x6mm FHCS	10
89224	3x16mm SHCS	10
89231	3mm lock washer	10
89257	Engine mounts RTR	1
89322	Center diff shim	1
89450	SC8/RC8T RTR Chassis	1

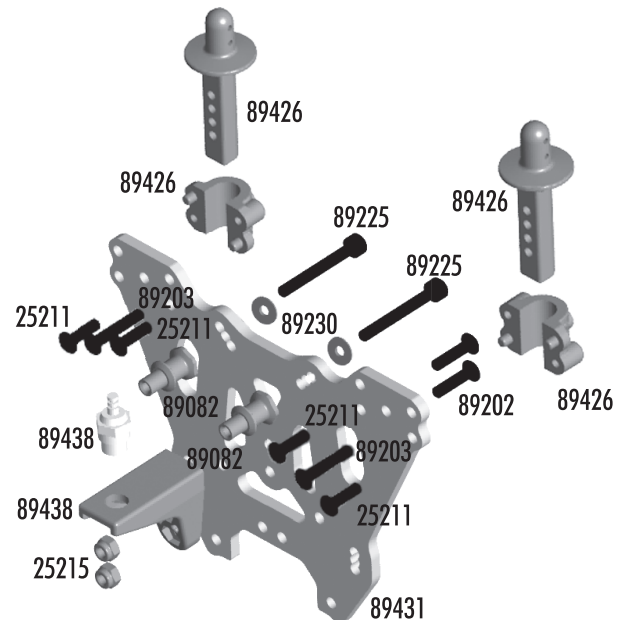
# Center Bulkhead

89019	Center bulkhead	1
89020	Center bulkhead carbon fiber top plate (FT)	1
89122	Brake pads	2
89123	Heatsink brake discs	2
89124	Brake cams and levers	Set
89205	3x26mm BHCS	10
89217	4x14mm FHCS	10
89219	3x5mm setcrew	10
89250	Fiber brake rotor (kit)	2
89254	Center bulkhead top plate (kit)	1



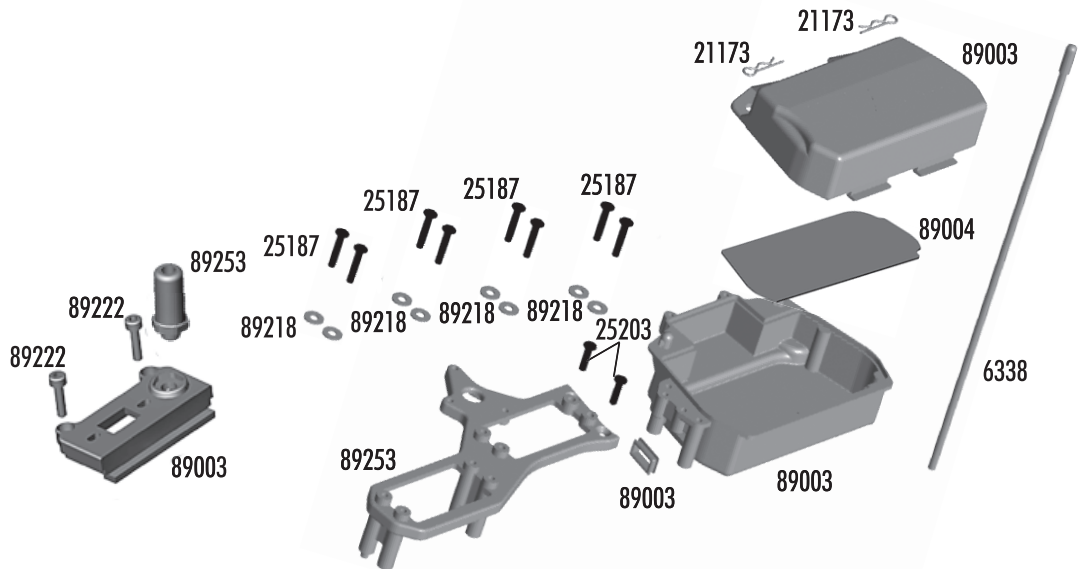
# Rear Shock Tower

25211	3x10mm BHCS	20
25215	M3 locknut	20
89082	Shock standoffs aluminum	4
89202	3x12mm BHCS	10
89203	3x16mm BHCS	10
89225	3x24mm SHCS	10
89230	Silver cone washer	10
89426	Body/roll cage mounts	Set
89431	Rear shock tower	1
89438	Remote glow plug mount and wire	Set



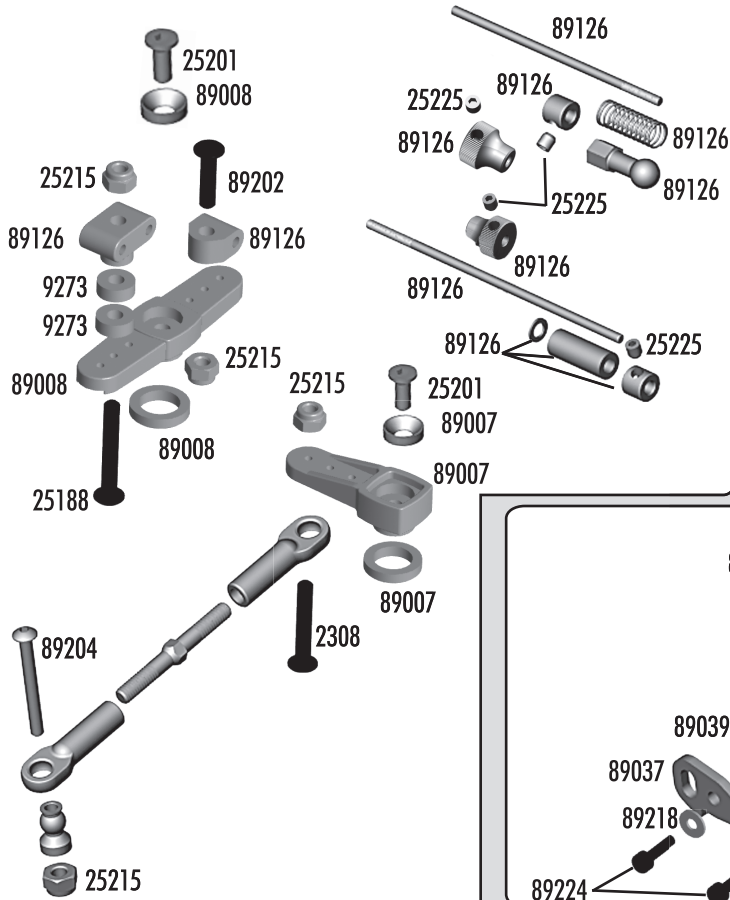
# Radio Tray

6338	Antenna tube, 12" black	1
21173	Small body clips	12
25187	3x14mm BHCS	20
25203	3x12mm FHCS	20
89002	Carbon fiber radio tray (FT)	1
89003	Receiver/battery box	1
89004	Receiver box pads	Set
89005	FT aluminum antenna mount	1
89218	3x8mm washer	10
89222	2.5x8mm SHCS	10
89229	Blue countersunk washer	10
89253	Radio tray, antenna mount (kit)	Set



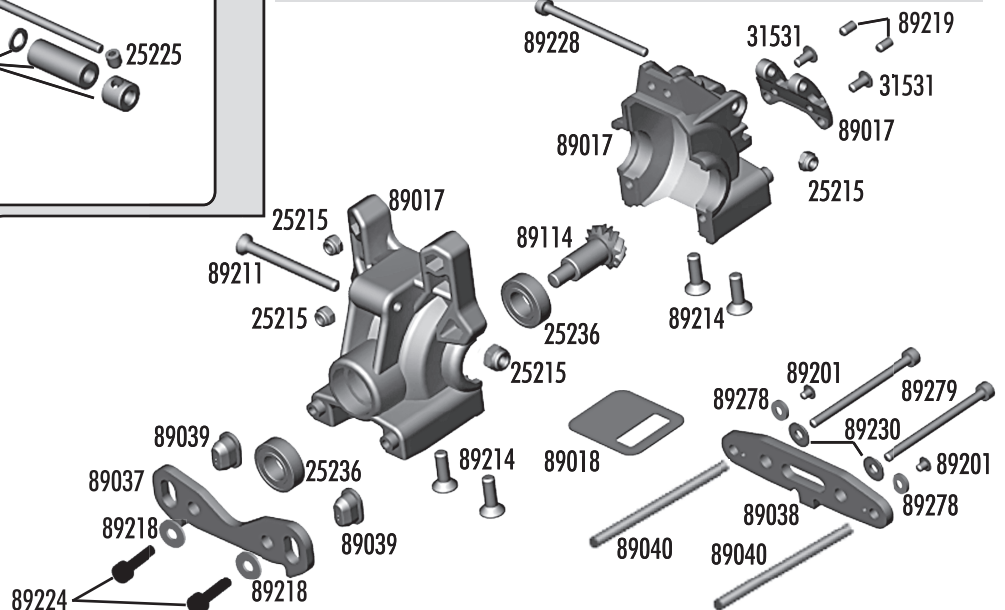
# Throttle / Brake Linkage

2308	3x18mm BHCS	6
9273	Brake cam spacer	2
25188	3x20mm BHCS	20
25201	3x8mm FHCS	20
25215	M3 locknut	20
25225	3x3mm setscrew	20
89007	Steering servo horns	Set
89008	Throttle servo horns	Set
89126	Brake/throttle linkage	Set
89202	3x12mm BHCS	10
89204	3x24mm BHCS	10

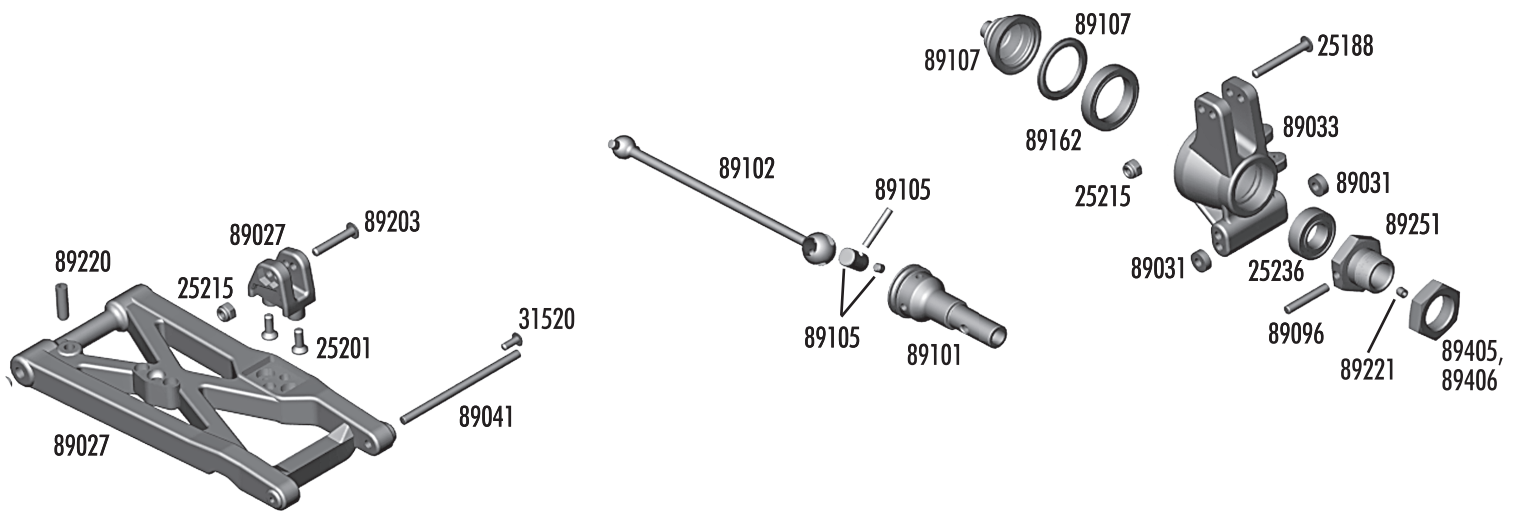


# Rear Gearbox

25215	M3 locknut	20
25236	8x16x5 bearings	2
31531	M3x6mm BHCS	10
89017	FR/RR gearbox	1
89018	Gearbox gasket	4
89037	Arm mount C	1
89038	Arm mount D (3 degrees)	1
89039	Hinge pin bushings	Set
89040	Inner hinge pins	Set
89114	Diff pinion gear	1
89201	2.5x3mm BHCS	10
89211	3x26mm FHCS	10
89214	4x12mm FHCS	10
89218	3x8mm washer	10
89219	3x5mm setscrew	10
89224	3x16mm SHCS	10
89228	3x40mm SHCS	10
89230	Silver cone washer	10
89278	2.5mm washer	20
89279	3x45mm SHCS	10



# Rear Suspension

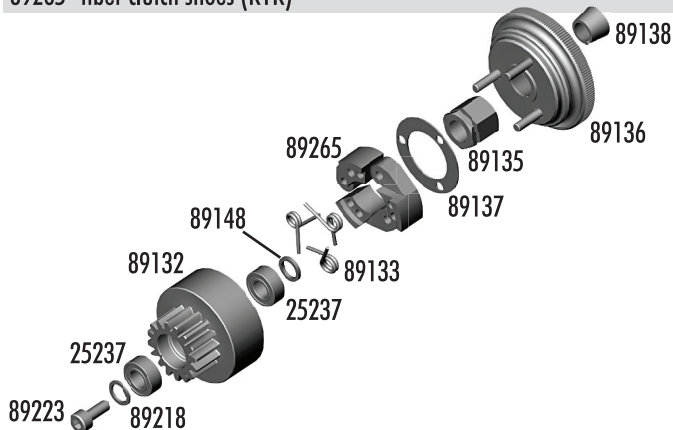


25188	3x20mm BHCS	20
25201	M3x8mm FHCS	20
25215	M3 locknut	20
25236	8x16x5 bearings	2
31520	M2.5x6mm BHCS	10
89027	Lower arms w/ shock risers, rear	Set
89031	Caster / hub spacers	Set
89033	Hub carrier	Pr.
89041	Outer hinge pins	Set
89094	Nyloc wheel hex nuts	2
89095	Aluminum wheel hex	2

89096	Wheel hex pins	4
89101	Rear CVA axle	2
89102	CVA bone front/rear	2
89105	CVA rebuild set front/rear	Set
89107	Rear CVA bearing shield/boot	Set
89162	15x21x4 bearing	2
89220	4x12mm setscrew	10
89221	5x4mm setscrew	10
89251	Wheel hex drive	2
89405	Nyloc wheel nuts (silver)	2
89406	Nyloc wheel nuts (black)	2

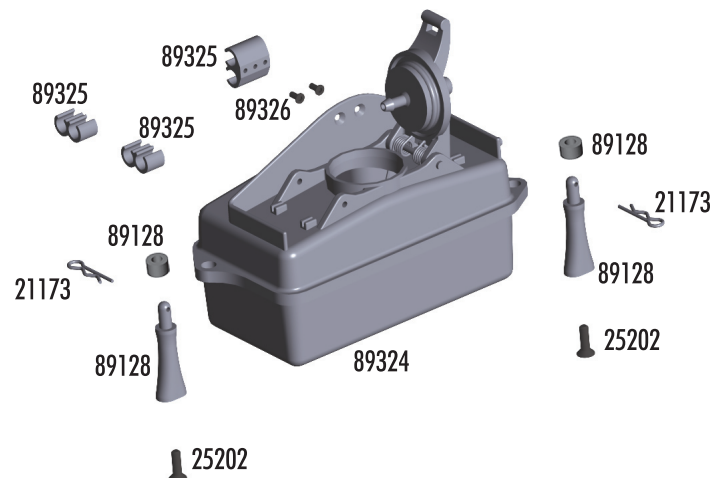
# Clutch

25237	5x10x4 bearing	2
89127	17T clutchbell	1
89132	16T clutchbell (kit)	1
89133	1.0mm clutch spring	3
89135	Clutch nut	1
89136	Flywheel, hard anodized	1
89137	Clutch shoe shims	4
89138	Flywheel collet	1
89148	Clutch bell shim set	Set
89218	3x8mm washer	10
89223	3x8mm SHCS	10
89265	fiber clutch shoes (RTR)	3

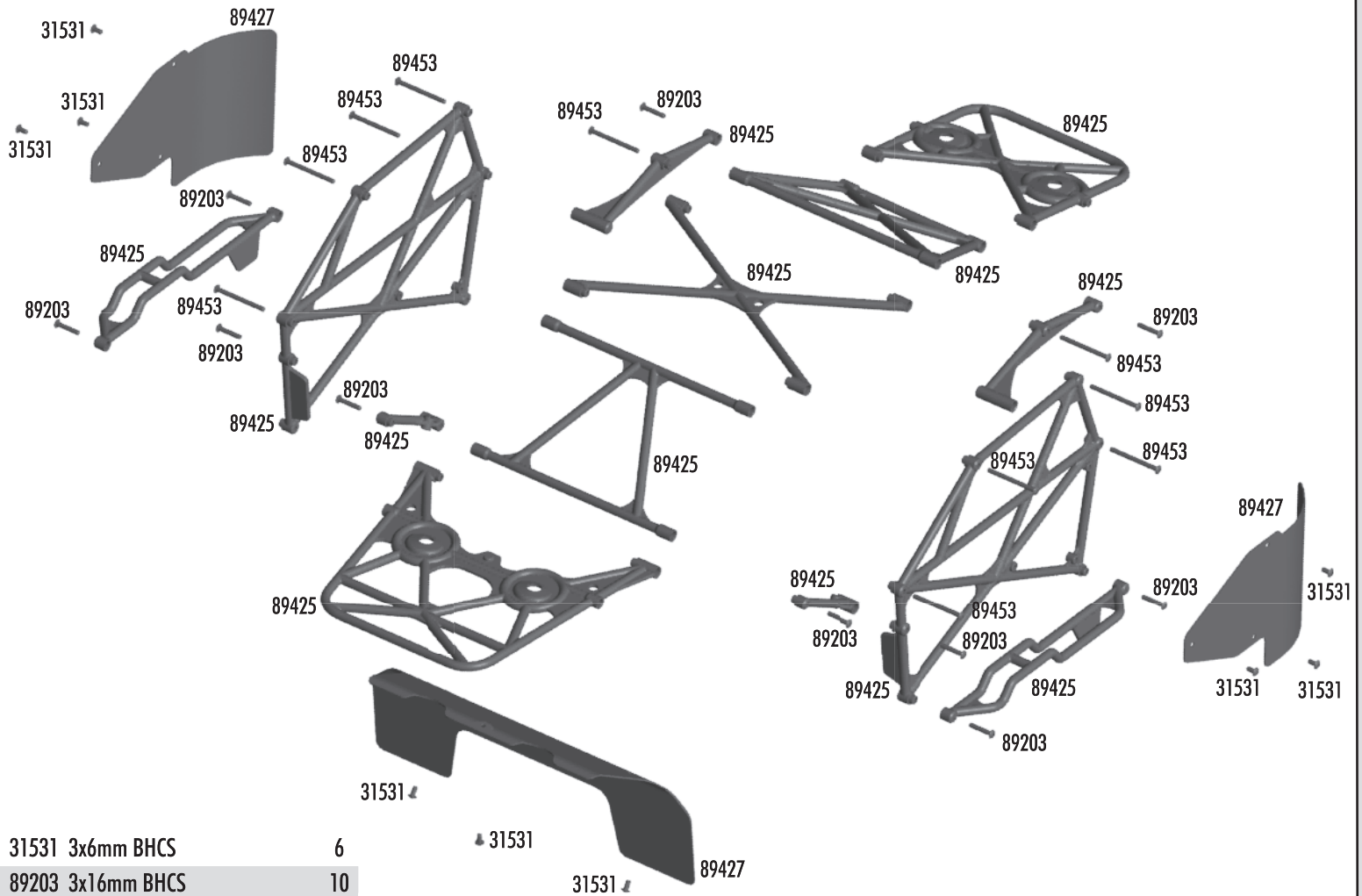


# Fuel Tank

21173	Body clips, small	12
25202	3x10mm FHCS	20
89128	Fuel tank mount, includes mounts, tubing, and clips	Set
89324	Fuel tank	1
89325	Fuel line clips	Set
89326	2x4mm FHPS	10



# Roll cage



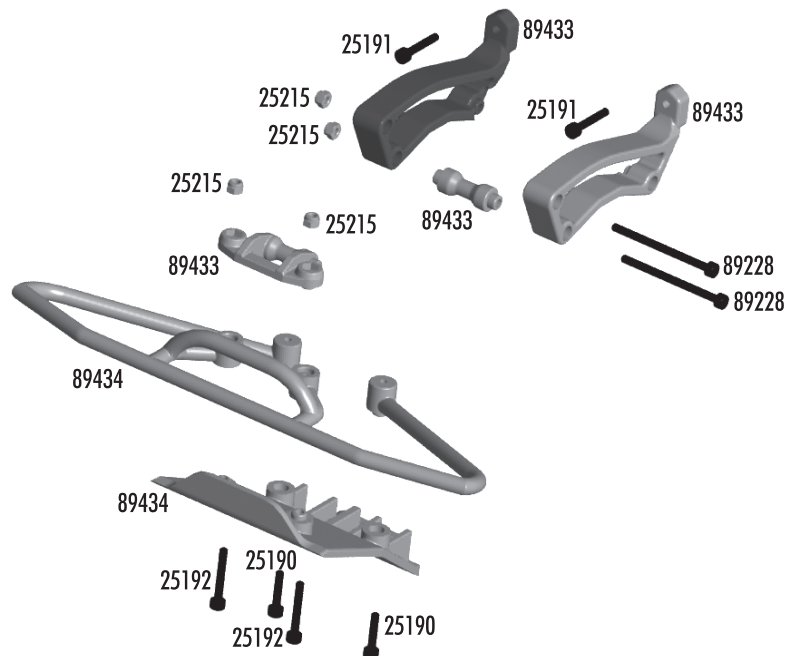
31531	3x6mm BHCS	6
89203	3x16mm BHCS	10
89425	SC8 roll cage	Set
89427	Firewall / dirt shields	Set
89453	3x35mm BHCS	10

▲ 31531

31531 ▲ 89427

# Front Bumper

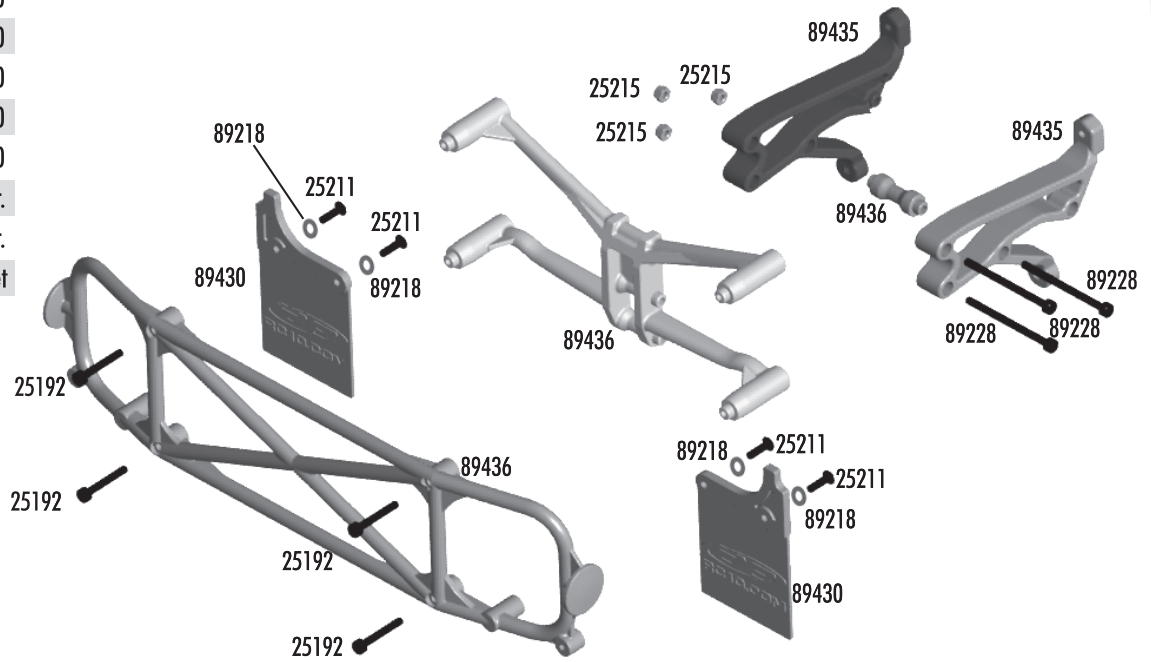
25190	3x14mm SHCS	20
25191	3x18mm SHCS	20
25192	3x20mm SHCS	20
25215	M3 locknut	20
89228	3x40mm SHCS	10
89433	Front bumper mounts	Pr.
89434	Front bumper and skid plate	Set





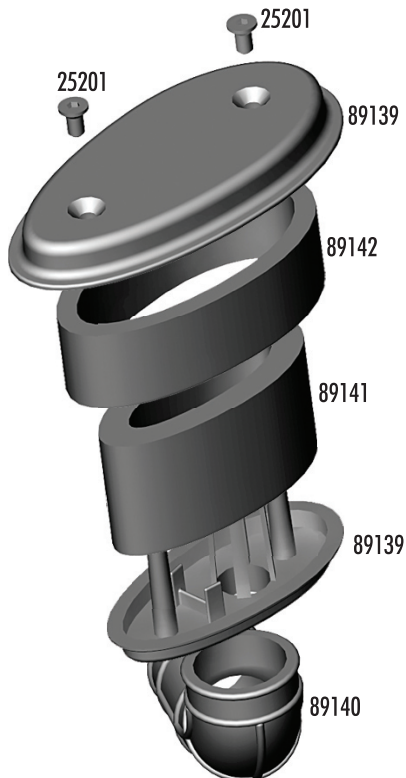
# Rear Bumper

25192	3x20mm SHCS	20
25211	3x10mm BHCS	20
25215	M3 locknut	20
89218	3x8mm washer	10
89228	3x40mm SHCS	10
89430	Mud flaps	Pr.
89435	Rear bumper mounts	Pr.
89436	Rear bumper and brace	Set



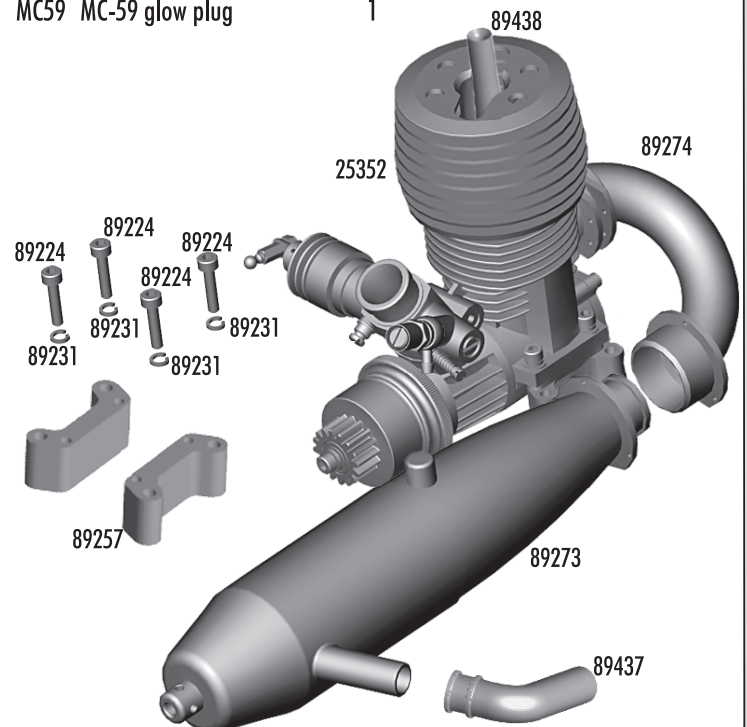
# Air Filter

7710	Pre-filter oil	1
25201	3x8mm FHCS	20
89139	Air filter cap and base	Set
89140	Air filter hose	1
89141	Air filter inner elements	Set
89142	Air filter outer elements	4



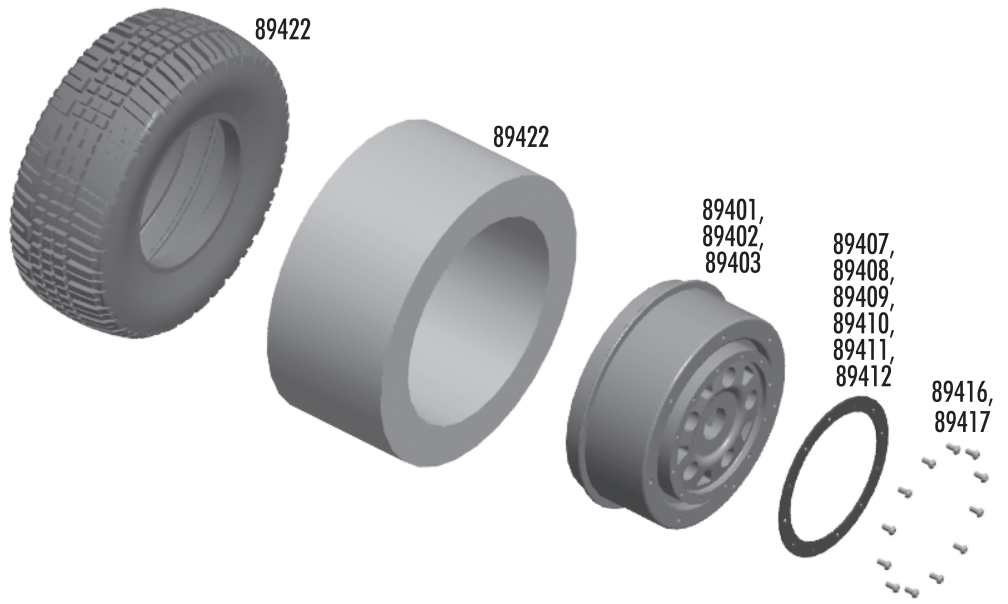
# Engine

25352	28 Pro engine	1
29002	Odonnell sport glow plug	1
89181	Muffler to header springs	3
89224	3x16mm SHCS	10
89231	3mm lock washer	10
89257	Engine mounts RTR	2
89273	RTR tuned pipe	1
89274	RTR header	1
89437	Exhaust deflector	1
89438	Remote glow plug Set	Set
MC59	MC-59 glow plug	1



# Wheels / Tires

89401	KMC wheel (silver)	4
89402	KMC wheel (black)	4
89403	12 spoke wheel (silver)	4
89407	Beadguard (silver)	4
89408	Beadguard (black)	4
89409	Beadguard (red)	4
89410	Beadguard (blue)	4
89411	Beadguard (green)	4
89412	Beadguard (gold)	4
89418	12 spoke wheels silver w/ silver beadguards	Set
89419	KMC wheels silver w/ silver beadguards	Set
89420	KMC wheels black w/ black beadguards	Set
89421	KMC wheels black w/ red beadguards	Set
89422	SC8 Tire and insert	4
89416	2x4mm BHCS (black)	50
89417	2x4mm BHCS (silver)	50



# Options

1105	GREEN SLIME	1
1748	600CC FUEL BOTTLE	1
1749	NITRO FUEL BOTTLE	1
2208	LARGE HOOD PINS	1
3719	6" NYLON WIRE TIES	2
6588	BLACK GREASE - 4CC	1
6591	S.DIFF LUBE - 4CC	1
7724	FUEL LINE 15"	1
7725	FUEL LINE 3'	1
25076	FUEL PRIMER BULB	1
25392	3MM BLUE LOCKNUT, FLANGED	6
31550	M3 ALUMINUM LOCKNUT	10
80920	SC8 RTR, RED BULL TRUCK	1
80921	SC8 RTR, LUCAS OIL TRUCK	1
80922	SC8 RTR, KMC TRUCK	1
80923	SC8 RTR, BULLY DOG TRUCK	1
80924	SC8 RTR, AE TEAM TRUCK	1
89157	0.9 CLUTCH SPRINGS	3
89158	1.1 CLUTCH SPRINGS	3
89160	DRIVETRAIN BEARING SET	Set
89175	BLACK NON-STICK 3-CHAMBER MUFFLER	1
89176	BLACK NON-STICK HEADER	1
89177	POLISHED 3-CHAMBER MUFFLER	1
89178	POLISHED HEADER	1
89229	BLUE COUNTERSUNK WASHERS	10
89237	FT SKID PLATE	1
89284	REAR STUB AXLES (ALUMINUM)	2
89285	FRONT STUB AXLES (ALUMINUM)	2
89286	GEARBOX INPUT CUP (ALUMINUM)	2
89290	FT 16X29MM SHOCK KIT	Set
89291	FT 16X29MM SHOCK BODY	Pr.
89292	16MM FRONT SPRING BLACK (3.3LBS)	Pr.
89293	16MM FRONT SPRING SILVER (3.9LBS)	Pr.
89294	16MM FRONT SPRING BRONZE (4.7LBS)	Pr.

89295	16MM FRONT SPRING SET	Set
89344	FT 16X38MM SHOCK BODY	Pr.
89346	FT 16X38MM SHOCK KIT	Set
89347	16MM REAR SPRING BLACK (2.7LBS)	Pr.
89348	16MM REAR SPRING SILVER (3.3LBS)	Pr.
89349	16MM REAR SPRING BRONZE (4 LBS)	Pr.
89350	16MM REAR SPRING SET	Set
89351	16MM SHOCK BLADDERS	8
89352	16MM SHOCK REBUILD KIT	4
89353	16MM SHOCK PISTONS	Set
89354	16MM SPRING CUPS	4
89355	16MM SHOCK COLLARS	2
89356	16MM FRONT SHOCK BOOT	4
89357	16MM REAR SHOCK BOOT	4
89358	16MM SHOCK TOOLS	Set
89380	OPTIONAL STEERING KNUCKLES	Pr.
89441	AE SC8 DECAL SHEET	1
89442	SC8 CLEAR BODY	1
89444	AE TEAM BODY	1
89445	RED BULL TRUCK BODY	1
89446	KMC TRUCK BODY	1
89447	BULLY DOG TRUCK BODY	1
89448	LUCAS OIL TRUCK BODY	1

# Starting Equipment

1738	FT GLOW IGNITOR BLUE 110V	1
1750	FACTORY TEAM STARTER BOX	1
7994	D-SIZE GLOW IGNITOR	1
25262	PRO START STARTER	1
89439	HEX DRIVE STARTER SHAFT SC8	1



1738



1750



25262

# XP3D Radio Systems

29107	METAL GEAR SET, S1903/S1903MG	1
29108	AM TX + RX CRYSTAL SET, 26.995	Set
29109	AM TX + RX CRYSTAL SET, 27.045	Set
29110	AM TX + RX CRYSTAL SET, 27.095	Set
29111	AM TX + RX CRYSTAL SET, 27.145	Set
29112	AM TX + RX CRYSTAL SET, 27.195	Set
29113	AM TX + RX CRYSTAL SET, 27.255	Set
29122	RECEIVER, AM 27MHZ 2CH, TR202A	1
29123	RECEIVER, AM 27MHZ 4CH, TR402A	1
29124	S1903 STANDARD SERVO	1
29125	S1903MG STANDARD SERVO, METAL GEAR	1
29126	S2008MG HIGH TORQUE SERVO, METAL GEAR	Set
29128	C1016 MICRO SERVO	1
29130	MICRO RECEIVER, AM 27 MHZ 2CH, TR204A	1
29158	XP3D TRANSMITTER ONLY	1
29160	TRANSMITTER RF MODULE, AM 27MHZ	1
29161	TRANSMITTER RF MODULE, FM 27MHZ	1
29162	TRANSMITTER RF MODULE, FM 75MHZ	1
29164	RECEIVER, FM 27MHZ 3CH, TR301F	1
29165	RECEIVER, FM 75MHZ 3CH, TR301F	1
29166	DS1313 PERFORMANCE DIGITAL SERVO	1
29167	DS1015 HI-TORQUE/HI-SPEED DIGITAL SERVO	1
29170	FM TX + RX CRYSTAL SET, 26.995	Set
29171	FM TX + RX CRYSTAL SET, 27.045	Set
29172	FM TX + RX CRYSTAL SET, 27.095	Set
29173	FM TX + RX CRYSTAL SET, 27.145	Set
29174	FM TX + RX CRYSTAL SET, 27.195	Set
29175	FM TX + RX CRYSTAL SET, 27.255	Set
29176	FM TX + RX CRYSTAL SET, 75.410	Set
29178	FM TX + RX CRYSTAL SET, 75.450	Set
29187	FM TX + RX CRYSTAL SET, 75.630	Set
29189	FM TX + RX CRYSTAL SET, 75.670	Set
29200	FM TX + RX CRYSTAL SET, 75.890	Set
29202	FM TX + RX CRYSTAL SET, 75.930	Set
29206	RECEIVER, AM 27MHZ 4CH, TR405A	1
29209	GEAR SET, DS1313 DIGITAL SERVO	Set
29210	GEAR SET, DS1015 DIGITAL SERVO	Set
29211	SERVO CASE, DS1313/DS1015	1
29212	ACCESSORY PACK	Set

# Apparel

SP58	AE LOGO BLACK T-SHIRT (M,L,XL,XXL)	1
SP59	AE LOGO BLUE T-SHIRT (M,L,XL,XXL)	1
SP60	AE HOODED SWEATSHIRT (S,M,L,XL,XXL)	1
SP100	1/8 INNER AND OUTER BOXES ONLY	Set
SP101	1/8 INNER BOXES ONLY	3
SP415	1/8 CAR CARRIER BAG ONLY	1



# Reedy

612	1600 6.0V HUMP PACK RECEIVER BATTERY	1
613	1600 6.0V FLAT PACK RECEIVER BATTERY	1
695	WOLFPACK 7.2V 3600 MAH BATTERY	1

# LRP

LRP32110	ZR.21X NON-PULL RACE ENGINE	1
LRP32802	Z.28R SPEC 3 PULLSTART ENGINE	1
LRP32809	Z.28R TRUGGY NON-PULL ENGINE	1

# Tools

1449	OFFROAD RIDE HEIGHT GAUGE	1
1541	FT HEX DRIVER SET (7PCS)	Set
1542	FT .050" SILVER HEX DRIVER	1
1543	FT 1/16" BLACK HEX DRIVER	1
1544	FT 1.5MM PURPLE HEX DRIVER	1
1545	FT 5/64" BLUE HEX DRIVER	1
1546	FT 3/32" GOLD HEX DRIVER	1
1547	FT 2.5MM GREEN HEX DRIVER	1
1548	FT 3MM RED HEX DRIVER	1
1551	FT SCREWDRIVERS (2)	Set
1554	FT SPRING HOOK	1
1561	FULL SET OF 6 FT NUT DRIVERS	Set
1562	FT 3/16" BLACK NUT DRIVER	1
1563	FT 1/4" RED NUT DRIVER	1
1564	FT 5.5MM PURPLE NUT DRIVER	1
1565	FT 11/32" GREEN NUT DRIVER	1
1566	FT 7MM SILVER NUT DRIVER	1
1567	FT 8MM GOLD NUT DRIVER	1
1589	FT 5/64" BLUE BALL HEX DRIVER	1
1590	FT 3/32" GOLD BALL HEX DRIVER	1
1591	FT 2.5MM GREEN BALL HEX DRIVER	1
1592	FULL SET OF 3 FT BALL HEX DRIVERS	Set
1596	THREAD LOCK	10ml
1597	FT TIRE GLUE	.70oz
1737	FT BODY SCISSORS	1



### Legend:

- BHCS - Button Head Cap Screw
- FHCS - Flat Head Cap Screw
- SHCS - Socket Head Cap Screw

**Associated Electrics, Inc.**  
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