

Feb. '07

# TC5 FACTORY Team

## 1:10th Scale 4wd Electric Touring Car Kit



### Catalog & Parts Listing

**ae**  
Champions  
By Design

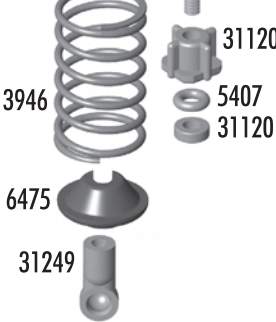
# Shocks

3948	TC Threaded Shock Collar	Pr.
3959	Threaded Shock Collar O-Ring	4
3985	TC Hard Anodized Threaded Shock Kit	Pr.
3990	TC Threaded Shock Body, hard anodized	Pr.
5407	Red O-Rings	8
6299	E-Clips	12
6465	Shock Pistons, PTFE coated	12
6475	Shock Springs Cups & Preloads	Set
31120	VCS2 Shock Rebuild Kit, contains cap, seal retainer, o-ring spacer	Set
31121	VCS2 Shock Cap & Retainer	Set
31249	Shock Shaft Ball Cup	4
31251	Shock Shaft, gold coated, 0.26"	Pr.
31252	VCS2 Shock Kit	Pr.



# Springs

3941	TC Spring, Green, 12.0lbs	Pr.
3942	TC Spring, Silver, 14.5lbs	Pr.
3943	TC Spring, Blue, 17.0lbs	Pr.
3944	TC Spring, Gold, 19.5lbs	Pr.
3945	TC Spring, Red, 22.0lbs	Pr.
3946	TC Spring, Copper, 25.0lbs	Pr.
3952	TC Spring, Purple, 30.0lbs	Pr.
3953	TC Spring, Yellow, 35.0lbs	Pr.
3954	TC Spring, White, 40.0lbs	Pr.
3988	TC Spring Set, 1 pr. each	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.
5435	50 Weight Silicone Shock Oil	2oz.
5436	60 Weight Silicone Shock Oil	2oz.
5437	70 Weight Silicone Shock Oil	2oz.



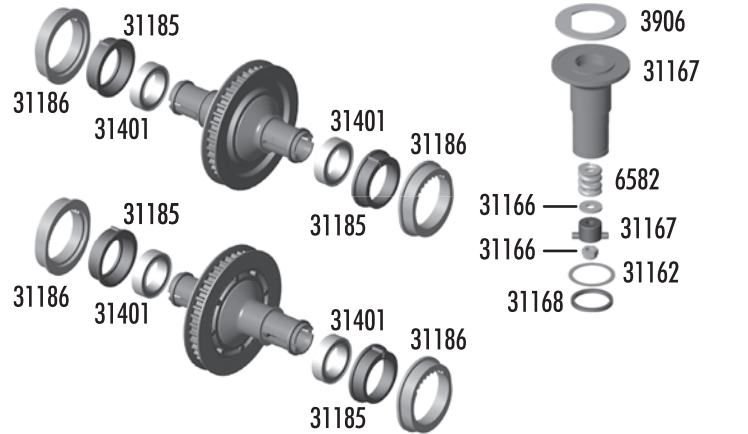
# Lubes & Adhesives

1105	Green Slime Shock Lube	4cc
1596	FT Locking Compound	10ml
1597	FT Tire Adhesive	.70oz
6588	Black Grease	4cc
6591	Diff Lube	4cc
6636	Silicone Lube	4cc
6727	Servo Tape Strips	2



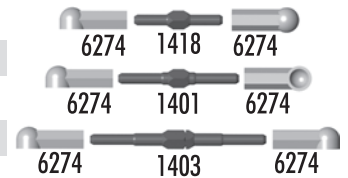
# Differentials

3906	D-Drive Rings, plastic diff	Pr.
6573	Diff Thrust Washers & Bolt	2
6574	5/64" Diff Thrust Balls	6
6581	3/32" Carbide Diff Balls	12
6582	Diff Thrust Spring	1
31162	Shim Kit	Set
31165	TC5 Plastic Diff Kit	1
31166	TC5 Diff Rebuild Kit	1
31167	TC5 Diff Outdrives, plastic	Pr.
31168	TC5 Diff Outdrive Rings	4
31169	TC5 Diff Pulley - 40T	1
31175	TC5 Oneway/Spool Pulley	1
31176	TC5 Oneway Kit	1
31177	TC5 Oneway Hub w/Bearings	1
31178	TC5 Oneway Outdrives	2
31179	TC5 Spool Kit	1
31181	TC5 Aluminum Outdrives	Pr.
31182	TC5 Aluminum Diff Kit	1
31185	TC5 Diff Bearing Cam	2
31186	TC5 Cam Holder Set	Set
31400	Bearing, 5x8mm	2
31401	Bearing, 10x15mm	2



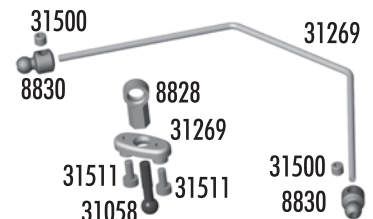
# Turnbuckles

1401	Titanium Turnbuckle, 1.33"	Pr.
1403	Titanium Turnbuckle, 1.65"	Pr.
1418	Titanium Turnbuckle, .825"	Pr.
6274	Ballcaps, molded	14



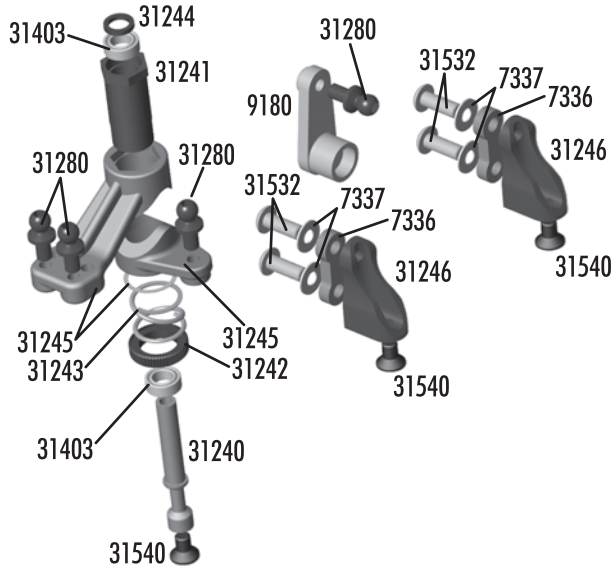
# Anti-Roll Bars

8828	Anti-Roll Bar Cups	Set
8830	Anti-Roll Bar Pivots	Set
31058	Anti-Roll Bar Ballstud, blue aluminum	2
31261	TC5 1.25mm Anti-Roll Bar, black	2
31262	TC5 1.5mm Anti-Roll Bar, silver	2
31263	TC5 1.75mm Anti-Roll Bar, gold	2
31264	TC5 Anti-Roll Bar Mounts	Set
31269	TC5 Anti-Roll Bar Kit	Set
31500	M3x2.5mm Set Screw	6
31511	M2x5mm SHCS	6



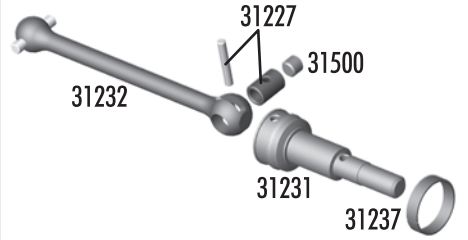
# Steering

7336	Servo Mount Kit	Set
7337	Servo Mount Washers, steel	4
9180	Servo Horns, molded	Set
31240	TC5 Steering Post	1
31241	TC5 Servo Saver Tube	1
31242	TC5 Servo Saver Nut	1
31243	TC5 Servo Saver Spring	1
31244	TC5 Steering Post Spacer	1
31245	TC5 Servo Saver Set	Set
31246	TC5 Servo Mounts	Pr.
31280	Ballstud, 5mm, short, black	6
31403	Bearing, 4x7mm	2
31532	M3x8mm BHCS	6
31540	M3x5mm FHCS	6



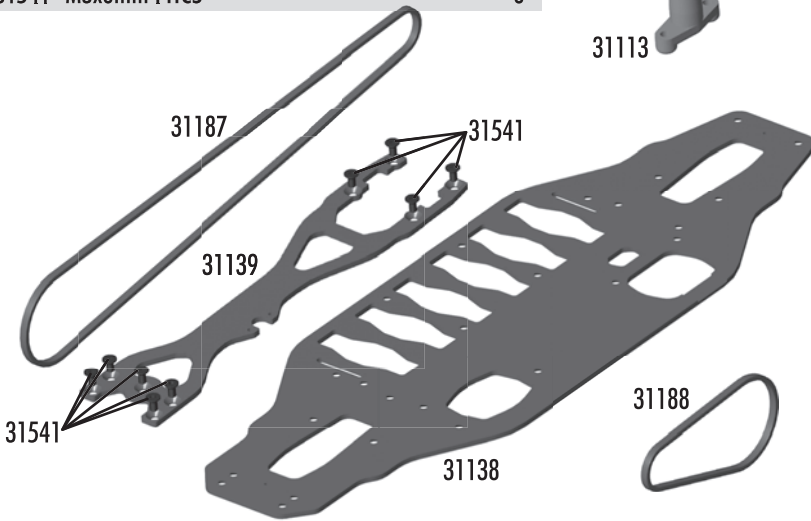
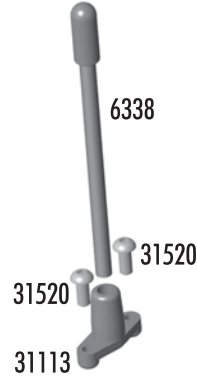
# CVA's

31226	TC5 CVA Assembly	1
31227	TC5 CVA Rebuild Kit	Set
31231	TC5 Stub Axle	Pr.
31232	TC5 CVA Bone	Pr.
31237	TC5 CVA Pin Retaining Clip	2
31238	TC5 CVA Bone Blade	8
31500	M3x2.5mm Set Screw	6



# Chassis - Belts - Antenna

6338	Antenna Tube & Cap	Set
31113	Antenna Mount	1
31138	TC5 Chassis, lower	1
31139	TC5 Top Deck	1
31140	TC5 ITF Chassis, lower	1
31141	TC5 ITF Top Deck	1
31187	TC5 Front Belt	1
31188	TC5 Rear Belt	1
31520	M2.5x6mm BHCS	6
31541	M3x6mm FHCS	6

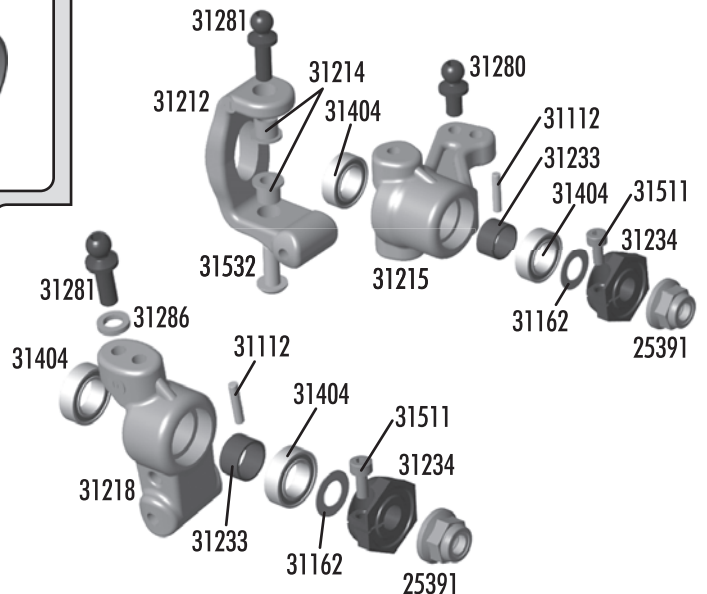


# Decals & Stickers

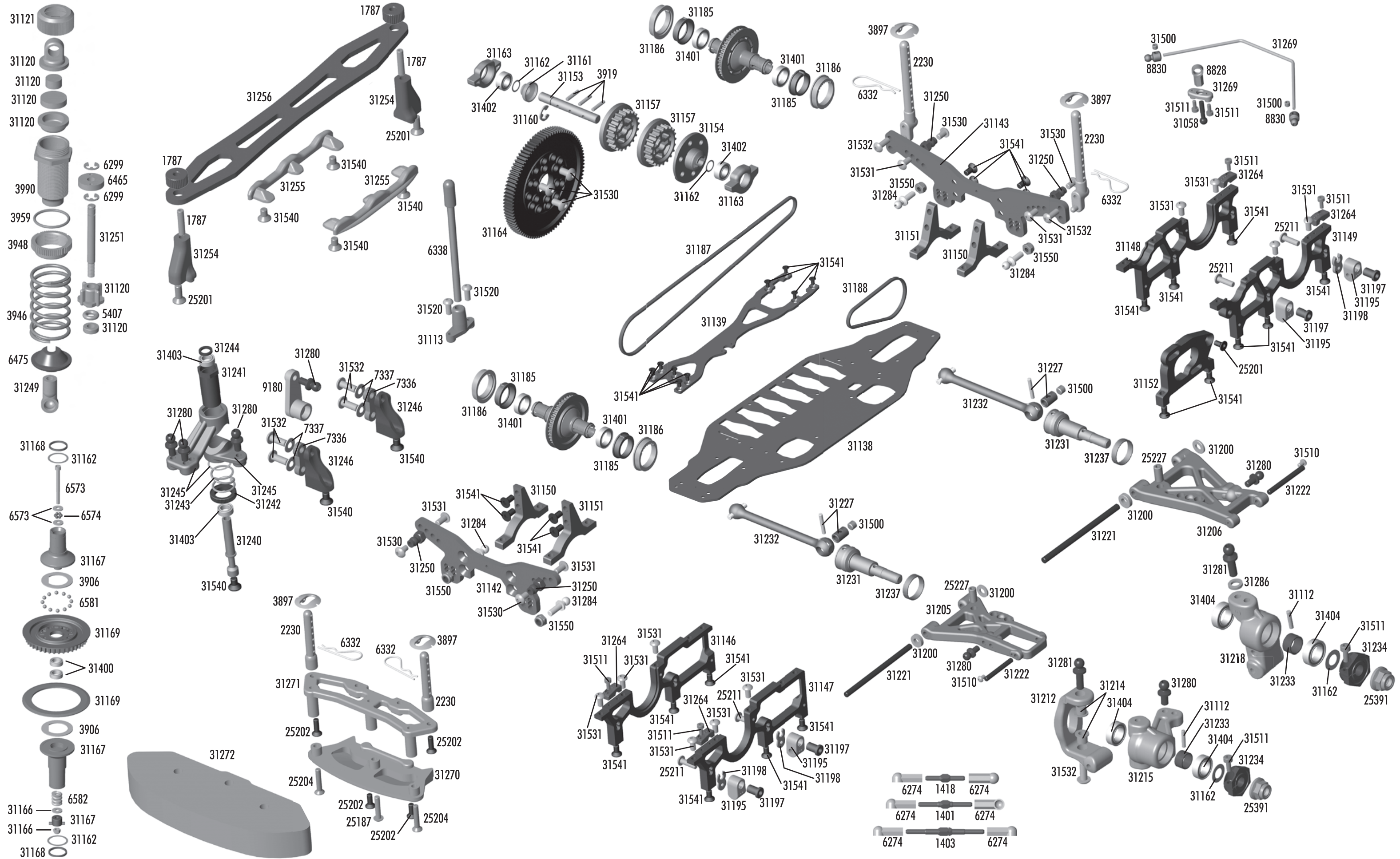
3816	"AMERICAN RACER" Bumper Sticker	1
3817	"TEAM ASSOCIATED" Bumper Sticker	2
3820	AE Logo Decal Sheet	1
3829	TC3 Decal Sheet	1
3830	Team Associated Decal Sheet, white on black	1
3834	AE Blue Embossed Logo Sticker, 4" with shiny silver trim	1
6196	Team Associated & Misc. Sponsor Decal Sheet	1
31295	TC5 Sticker Sheet	1

# Suspension

25391	M4 Locknut, blue, aluminum	6
31112	Axle Pin	4
31162	Shim Kit	Set
31210	TC5 Caster Block, 0 degree	Pr.
31211	TC5 Caster Block, 2 degree	Pr.
31212	TC5 Caster Block, 4 degree	Pr.
31213	TC5 Caster Block, 6 degree	Pr.
31214	TC5 Caster Block Bushing	4
31215	TC5 Steering Block Set	Set
31218	TC5 Rear Hub, 0 degree	Pr.
31219	TC5 Rear Hub, .5 degree	Pr.
31220	TC5 Rear Hub, 1 degree	Pr.
31233	TC5 Axle Crush Tube	4
31234	TC5 Clamping Wheel Hex w/Screws	4
31280	Ballstud, 5mm, short, black	6
31281	Ballstud, 8mm, short, black	6
31286	Ballstud Washer, aluminum	Set
31404	Bearing, 6x10mm	2
31511	M2x5mm SHCS	6
31532	M3x8mm BHCS	6

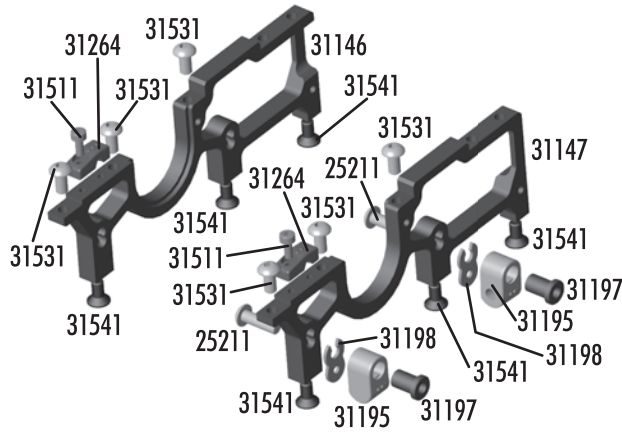


# Exploded View



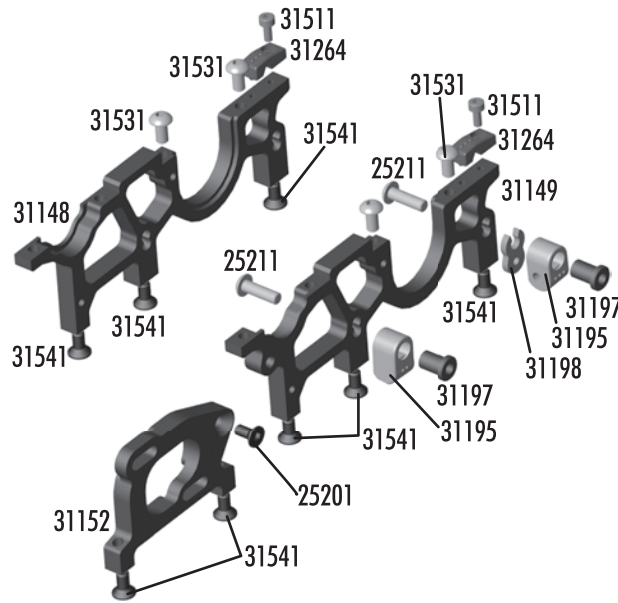
## Front Bulkhead

25211	M3x10mm BHCS	20
31146	TC5 Bulkhead, right front	1
31147	TC5 Bulkhead, left front	1
31195	TC5 Arm Mount Set	Set
31197	TC5 Arm Mount Nut	8
31198	TC5 Arm Mount Shim Set	Set
31264	TC5 Anti-Roll Bar Mounts	Set
31511	M2x5mm SHCS	6
31531	M3x6mm BHCS	6
31541	M3x6mm FHCS	6



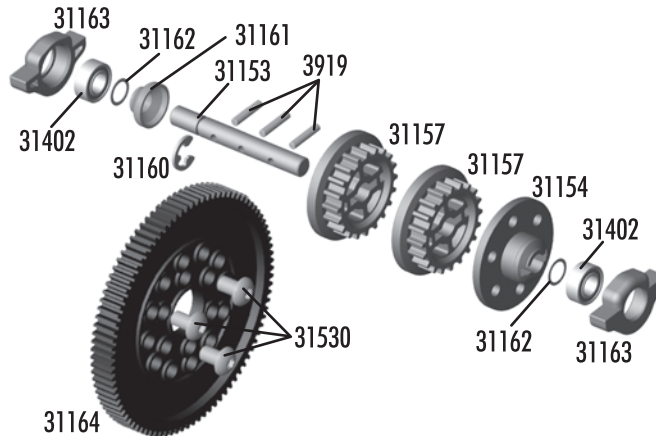
## Rear Bulkhead

25201	M3x8mm FHCS	20
25211	M3x10mm BHCS	20
31148	TC5 Bulkhead, right rear	1
31149	TC5 Bulkhead, left rear	1
31152	TC5 Motor Mount	1
31195	TC5 Arm Mount Set	Set
31197	TC5 Arm Mount Nut	8
31198	TC5 Arm Mount Shim Set	Set
31264	TC5 Anti-Roll Bar Mounts	Set
31511	M2x5mm SHCS	6
31531	M3x6mm BHCS	6
31541	M3x6mm FHCS	6



## Center Shaft

3919	Input Shaft Hardware Set	Set
31153	TC5 Center Shaft	1
31154	TC5 Spur Gear Hub	1
31157	TC5 Center Pulley - 20T	2
31160	3mm E-Clip	6
31161	TC5 Center Shaft Spacer	1
31162	Shim Kit	Set
31163	TC5 Spur Gear Bearing Cap	2
31164	Spur Gear, 87T	1
31402	Bearing, 4x8mm	2
31530	M3x5mm BHCS	6



## Bearings

31400	Bearing, 5x8mm	2
31401	Bearing, 10x15mm	2
31402	Bearing, 4x8mm	2
31403	Bearing, 4x7mm	2
31404	Bearing 6x10mm	2
31405	TC5 Bearing Kit	Set

## Tools

1111	FT Turnbuckle Wrench	1
1450	FT Ride Height Gauge	1
1541	Hex Driver Set	Set
1542	Hex Driver, .050"	1
1543	Hex Driver, 1/16"	1
1544	Hex Driver, 1.5mm	1
1545	Hex Driver, 5/64"	1
1546	Hex Driver, 3/32"	1
1547	Hex Driver, 2.5mm	1
1548	Hex Driver, 3mm	1
1561	Nut Driver Set	Set
1562	Nut Driver, 3/16"	1
1563	Nut Driver, 1/4"	1
1564	Nut Driver, 5.5mm	1
1565	Nut Driver, 11/32"	1
1566	Nut Driver, 7mm	1
1567	Nut Driver, 8mm	1
1572	Hex Driver Rep. Tip, .050"	1
1573	Hex Driver Rep. Tip, 1/16"	1
1574	Hex Driver Rep. Tip, 1.5mm	1
1575	Hex Driver Rep. Tip, 5/64"	1
1576	Hex Driver Rep. Tip, 3/32"	1
1577	Hex Driver Rep. Tip, 2.5mm	1
1578	Hex Driver Rep. Tip, 3mm	1
1593	FT Body Reamer Tip	1
1594	FT Body Reamer	1
1737	FT Body Scissors	1
3719	Nylon Wire Tie, 6" heavy duty	12
3720	Nylon Wire Tie, 8"	12
3737	Silicone Wire, 14g, 2ft orange, 2ft black	1
3987	Droop Gauge, composite	1
6950	Hex Key Wrench Set	Set
6956	Molded Tool Set	Set
6981	AE Reference Library CD-ROM v1-7	1
6991	Performance Tuning CD-ROM, v1	1
6992	AE Reference Library CD-ROM v8-9	1

## Pinion Gears

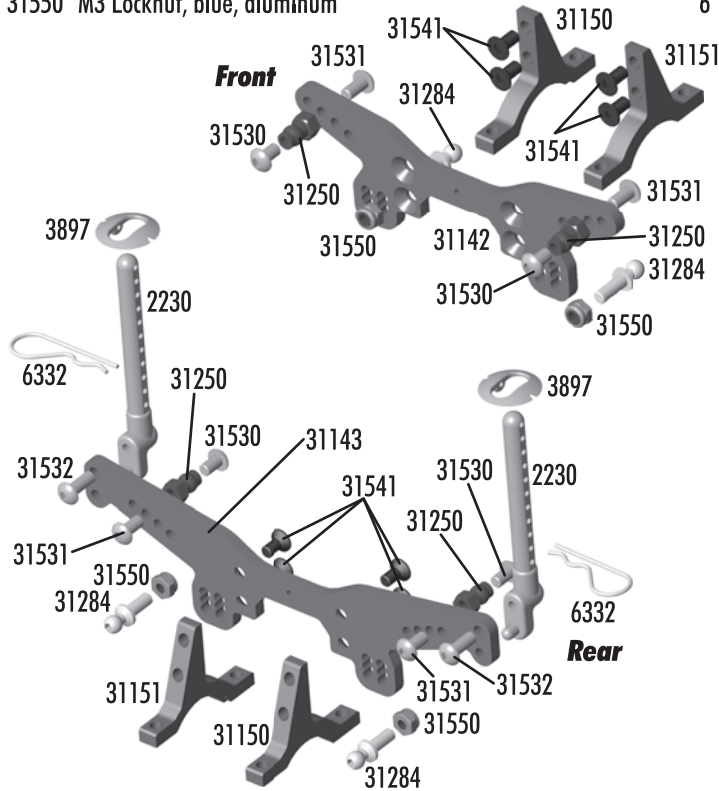
8252	Pinion, 15t 48p	1	8257	Pinion, 20t 48p	1
8253	Pinion, 16t 48p	1	8258	Pinion, 21t 48p	1
8254	Pinion, 17t 48p	1	8259	Pinion, 22t 48p	1
8255	Pinion, 18t 48p	1	8260	Pinion, 23t 48p	1
8256	Pinion, 19t 48p	1	8261	Pinion, 24t 48p	1

## Spur Gears

3921	Spur Gear, 69t 48p Kimbrough	1	3994	Spur Gear, 73t 48p Kimbrough	1
3922	Spur Gear, 72t 48p Kimbrough	1	3995	Spur Gear, 74t 48p Kimbrough	1
3923	Spur Gear, 75t 48p Kimbrough	1			
3992	Spur Gear, 76t 48p Kimbrough	1			
3993	Spur Gear, 77t 48p Kimbrough	1			

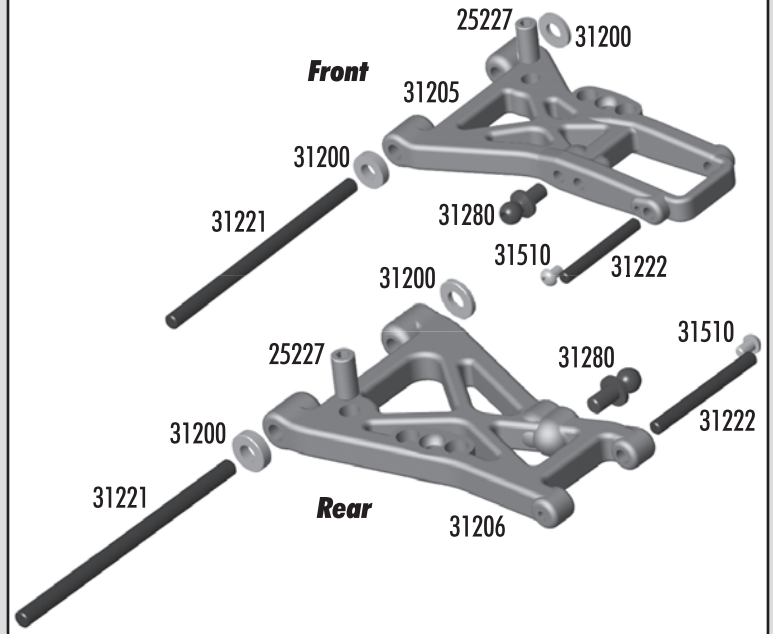
# Front/Rear Shock Towers

2230	Body Mount	2
3897	Swivel Body Mounts	2
6332	Body Clips	12
31142	TC5 Front Shock Tower	1
31143	TC5 Rear Shock Tower	1
31150	TC5 Bearing Cap, RF/LR	1
31151	TC5 Bearing Cap, LF/RR	1
31250	TC5 Shock Bushing	4
31284	Ballstud, 8mm, long, silver	6
31530	M3x5mm BHCS	6
31531	M3x6mm BHCS	6
31532	M3x8mm BHCS	6
31541	M3x6mm FHCS	6
31550	M3 Locknut, blue, aluminum	6



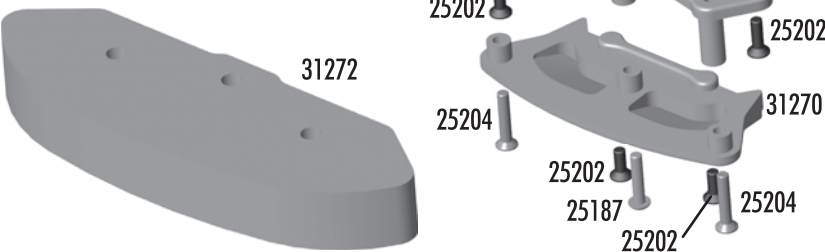
# Suspension Arms

25227	M4x8mm Setscrew	4
31200	TC5 Wheelbase Shim Set	Set
31205	TC5 Front Suspension Arm	Pr.
31206	TC5 Rear Suspension Arm	Pr.
31221	TC5 Inner Hinge Pin Set	4
31222	TC5 Outer Hinge Pin Set	Set
31280	Ballstud, 5mm, short, black	6
31510	M2x4mm BHCS	6



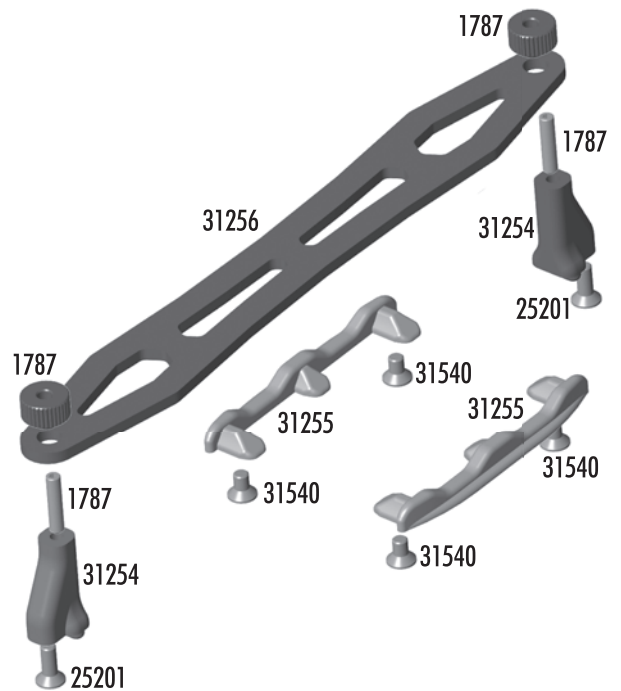
# Front Bumper

2230	Body Post	2
3897	Swivel Body Mounts	2
6332	Body Clips	12
25187	M3x14mm BHCS	6
25202	M3x10mm FHCS	6
25204	M3x16mm FHCS	6
31270	TC5 Front Bumper	1
31271	TC5 Bumper Brace	1
31272	TC5 Foam Bumper	1



# Battery Strap

1787	Battery Strap Thumbscrew	Set
25201	M3x8mm FHCS	6
31254	TC5 Battery Strap Post	2
31255	TC5 Battery Support	2
31256	TC5 Battery Strap	1
31540	M3x5mm FHCS	6



# Fasteners

2221	4-40 x 7/16" BHCS	6	6951	4-40 x 1/8" Set Screw w/Wrench	6
3862	5-40 x 1/8" Set Screw w/Wrench	6	7260	4-40 Small Pattern Plain Nuts	12
3865	10-32 x 5/16" Droop Set Screws	4	7413	4-40 x 3/4" BHCS	6
3875	4-40 x 11/32" BHCS w/Shoulder	4	7673	4-40 x 5/16" FHSS	6
3904	2-56 Locknuts, aluminum	4	7869	4-40 x 3/4" FHCS, blue, aluminum	8
3934	3mm BH Motor Screws	4	7873	4-40 x 7/16" FHCS, blue, aluminum	8
3981	Broached Ballstuds, black .200 short neck	6	7874	4-40 x 7/16" SHCS	6
3983	Broached Ballstuds, black .300 short neck	6	9645	2-56 x 1/8" BHCS	6
4334	2-56 x 5/16" BHSS	6	9660	2-56 x 7/32" SHCS	6
4449	4-40 Locknuts, small pattern, aluminum	5	25187	M3x14mm BHCS	6
6222	4-40/5-40 Nylon Self-Threading Locknuts	8	25202	M3x10mm FHCS	6
6277	Broached Ballstuds, silver .300 long neck	6	25204	M3x16mm FHCS	6
6288	4-40 x 1/4" BHCS	6	31280	Ballstud, 5mm, short, black	6
6291	4-40 x 1/4" FHCS	6	31281	Ballstud, 8mm, short, black	6
6292	4-40 x 3/8" FHCS	6	31282	Ballstud, 10mm, short, black	6
6299	Small E-Clip	12	31283	Ballstud, 5mm, long, black	6
6860	4-40 x 3/8" SHCS, blue, aluminum	6	31284	Ballstud, 8mm, long, silver	6
6915	4-40 x 5/8" FHCS	6	31285	Ballstud, 10mm, long, black	6
6916	4-40 x 1/2" SHCS w/Hole	4	31286	Ballstud Washer, aluminum	6
6917	4-40 x 3/8" BHCS	6	31500	M3x2.5mm Setscrew	6
6918	4-40 x 1/2" BHCS	6	31510	M2x4mm BHCS	6
6919	4-40 x 5/16" BHCS	6	31511	M2x5mm SHCS	6
6920	4-40 x 3/16" BHCS	6	31520	M2.5x6mm BHCS	6
6922	4-40 x 1/2" FHCS	6	31530	M3x5mm BHCS	6
6923	4-40 x 3/4" FHCS	6	31531	M3x6mm BHCS	6
6924	4-40 x 3/8" SHCS	6	31532	M3x8mm BHCS	6
6925	4-40 x 1/2" SHCS	6	31540	M3x5mm FHCS	6
6926	4-40 x 5/8" SHCS	6	31541	M3x6mm FHCS	6
6928	4-40 x 1" SHCS	6	31550	M3 Locknut, blue, aluminum	6
6934	4-40 x 3/8" FHCS, blue, aluminum	6	31551	M4 Locknut, blue, aluminum	6
6937	4-40 Locknuts, blue, aluminum	6			
6939	4-40 x 1/4" FHCS, blue aluminum	6			
6943	8-32 Locknuts, blue, aluminum	6			
6946	4-40 x 5/16" BHCS, blue, aluminum	6			
6947	4-40 x 3/8" BHCS, blue, aluminum	6			

## Legend:

BHCS - Button Head Cap Screw

FHCS - Flat Head Cap Screw

SHCS - Socket Head Cap Screw

# Ordering Instructions

## See Your Hobby Dealer For Spare Parts First!

Support your local hobby shop. If parts will not be available in your area, you may order parts directly from Team Associated. Sorry, kits are not sold to individuals.

1. Write our order description on separate sheet of paper. Include *Part Numbers*, *Description*, *Quantity* desired, and *Total Price* of each item.
2. California residents add 7.75% sales tax.
3. Add ground shipping fee of \$8.00 to all orders (AK, HI, PR is \$15). Extra charge for Next Day Air (\$34) & Second Day Air (\$20) applies. International orders call for details.
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