

Kyle Wyman 2019 Daytona 200 Winner Ĩ

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ONLY 6 D HAS OMNI-DIRECTIONAL SUSPENSION TECHNOLOGY

TECHNOLOGY

DEDICATED TO THE RELENTLESS PURSUIT OF BRAIN PROTECTION.

6D's revolutionary Omni-Directional Suspension technology has single-handedly inspired the helmet industry to get serious about improving helmet design. Today, nearly 7 years later, a few manufacturers have responded with improved offerings while others rely on marketing hype and brand strength to communicate their interests. Still others have ignored the opportunity to improve their products all together!

6D's proprietary Omni-Directional Suspension (ODS) was the catalyst for these alternate methods of protection making their way to the market and remains the top preforming technology available today. Simply stated, ODS is "Suspension For Your Head".

- ODS reduces energy transfer to the brain by means of its suspended inner liner
- ODS uncouples the inner liner from the outer liner and shell assembly
- ODS reduces both angular and linear accelerations, at all impact velocities and all impact angles
- ODS significantly improves low-threshold impact mitigation
- ODS is not constrained by the shape of the human head (unlike every other system that is mated to the inner surface of the helmet liner including MIPS, Flex, Turbo 360, LDL, Meds, Fluid, Pod, etc.)
- ODS is rebuildable in select models*



EDUCATION IS KEY:

We encourage you to explore the benefits of ODS and how it compares to traditional helmet designs as well as the emerging technologies from other manufacturers. 6D's patented ODS dual-liner system is the only technology providing significant reductions in angular acceleration while simultaneously reducing low-threshold energy transfer to the brain.

6D's ODS technology is so impressive in fact, that it was awarded the \$500k Grand Prize in the NFL's Head Health Challenge III in 2017. Achieving this award of recognition and success within the Head Health Challenge further validates the excellent properties and benefits of the ODS technology.

6 D - UNLIKE ANY OTHER HELMET

OMNI-DIRECTIONAL SUSPENSION (ODS) -EXCLUSIVE IN 6D.

6D's Omni-Directional Suspension (ODS) technology is the key to what sets the 6D helmet apart from any other helmet or helmet technology available. ODS reduces energy transfer to the brain by means of its suspended dual-liner system, effectively providing a helmet within a helmet.

WORLD WIDE PATENTS: United States US 8,955,169 B2 United States US 9,820,525 Europe E2 672 853 B1 China ZL 201280017579.I

ODS COMPARED TO COMPETING NEW TECHNOLOGIES:

Competing manufactures have scrambled since the introduction of the 6D helmet to address the need for improved helmet performance. The challenge for each of them is the natural shape of the human head. Its oval shape restricts the helmet from slipping in relation to the skull in two of the three primary axis X, Y and Z. This is because the inner surface of the helmet's liner binds under rotation with the 4 corners of the skull in one direction, and the cheek bones and jaw in the other direction.

For example, shear-plane technology (such as MIPS) mated to the helmet's inner liner surface is designed to improve the amount of slip that your head naturally has within the helmet. If the head cannot move very far (because it's fit properly) and the shape of the skull naturally constrains its movement, then these types of systems are restricted to how much effective work they can do in the athlete's benefit. Additionally, a 1-dimensional shear-plane (MIPS) solution has no ability to mitigate linear accelerations.

Other designs mated to the helmet liner's inner surface unfortunately face the same challenges of constraint. In general, they are bumpers with low standoff height providing little true shearing space and capability, especially if they are already compressed to some degree by the head form during the fitting process (which is highly likely). Most of these designs provide only a few millimeters of additional cushion, acting much like a comfort liner.

6D's ODS technology is designed with its shearable suspension system sandwiched between two energy absorbing compressible liners which are shaped more spherical, like a ball and socket. This superior positioning of the technology allows for 6-degrees (6D) of free-motion displacement during any impact, regardless of your head shape, the angle of impact, or how tight your helmet fits!

SUSPENSIONFOR----------YOURHEAD---<

HOW OMNI-DIRECTIONAL SUSPENSION WORKS:

At the onset of any impact the ODS system's isolation dampers activate immediately addressing the forces applied to the helmet. The isolation dampers compress and shear in response to the impact thereby reducing the transfer of that force to the inner helmet, head form, and brain. If the force applied to the helmet is more extreme, the isolation dampers transition the energy management job to the two energy absorbing compressible liners which are designed to manage higher velocity impacts in a more traditional manner. This dual-liner system allows ODS to manage impact forces in a superior manner to the other competing technologies in the marketplace.

HELMET SIZE AND VOLUME

Don't be fooled by marketing hype. Think about it... In a crash event the head form is coming to an instantaneous extreme stop. You want to have this happen over the most time and distance possible to reduce the severity of the deceleration on the brain. A small shelled helmet obviously compromises this as the head will bottom out on the shell (causing accelerations to skyrocket) unless the manufacturer utilized extra stiff EPS to manage the extreme impact force. So while you might get a similar maximum "G" figure at the certification test velocity as a larger shelled helmet, the stiff EPS is grossly ineffective at managing energy at the lower velocities of most crash events.

Angular 7.5m/s Front / Incline Anvil



●●● Other Technology Helmets ● MIPS ● 6D ATR-2/ODS

ANGULAR ACCELERATION

The medical community has determined that angular acceleration (rotational force generated during oblique-angle impacts) is the primary cause of concussion and traumatic brain injury.

Traditional helmets are directly "coupled" to the head preventing any ability to mitigate angular acceleration forces. Scientific laboratory testing proved that when subjected to identical impacts, a helmeted head sustained the same degree of angular acceleration as an un-helmeted head*.

ODS technology "uncouples" the helmet from the head form. The suspended dual-liner assembly compresses and shears omnidirectionally when subjected to oblique impacts thereby reducing the transfer of angular acceleration forces to the head and brain.

Competing technologies including MIPS, Flex, Turbo 360, LDL, Meds, Fluid Pod, etc. are all trying to uncouple the relationship of the head and the helmet. Each however, is challenged with the same issue; the natural oval shape of the human head. That shape restricts movement. While some of these technologies function better than others, none provide the well-rounded performance of Omni-Directional Suspension.

* Experiments conducted by David C. Viano, PhD, Bioengineering Center, Wayne State University.



Linear 4m/s Side / Incline Anvil



Linear / Front / Incline Anvil

Other Technology Helmets OTHER OF ATR-2/ODS

LOW-THRESHOLD ENERGY

Recent medical research has provided alarming conclusions surrounding the causes, severity, and long-term effects of concusions. Even seemingly minor concussions may have much more serious long-term effects on the brain. Repetitive low-velocity impacts are cumulative apparently causing buildup of tau proteins and deterioration of the brain's healthy condition.

To meet the various mandatory global certification standards' high-velocity requirements, helmets incorporating add-in shear plane technologies such as MIPS to address rotational force are still way too stiff to effectively absorb energy from impacts at lower velocities.

With this well noted, the vast majority of impacts one might experience in real-world accidents qualify as low-threshold energy impacts; impacts well below certification standards pass/fail velocities, but severe enough to sustain a concussion or traumatic brain injury (TBI).

ODS starts working the instant any force is applied to the shell, making the helmet more compliant and progressive over the broad range of impact velocities experienced in the highest percentage of 'real world' crashes, while still exceeding the requirements of the global standards.

BROAD RANGE PROTECTION

Across the entire range of potential impact velocities, the 6D helmet with ODS technology consistently outperforms competitive designs. 6D extensively engineers the shell, liners, damper systems, and ODS to provide the best possible impact mitigation performance across all impact velocities for both angular and linear accelerations.

TIME-TO-PEAK (TTP)

Time-to-Peak (TTP) is how long it takes the energy of an impact to reach maximum G-force. Deceleration time is the single most beneficial component in reducing the severity and magnitude of any impact the more time, the less energy transferred. ODS buys time during the impact event!





THE NEW ATR-2 NEXT LEVEL BRAIN PROTECTION.

The 6D ATR-2 is the most advanced energy management device ever manufactured for off-road motorcycle competition or recreational riding. Infused with the exceptional DNA of the original ODS technology, but evolved to a whole new level with high-tech materials and design influenced by our work inside the NFL's Head Health Challenge III competition.

MULTI-IMPACT OUTER EPP (Expanded Polypropelyene) LINER

6D strategically positioned the multi-impact EPP outer liner against the helmet shell's inner surface. An exceptional energy absorption material, the EPP was specifically engineered with islands of EPP "Damping Towers" to assist in progressive loading of the ODS system during impacts. The multi-impact capability of the EPP is one of the key elements that allows the rebuilding* of the ATR-2 after a moderate to severe impact.

*Provided the helmet's shell is not compromised from the impact event.



REPLACEABLE INNER EPS (Expanded Polystyrene) LINER

The inner EPS liner is the first layer of defense and a very important component of the new advanced ODS design. It is effectively a helmet within a helmet. It has its own in-molded PVC (Polyvinyl Chloride) shell that serves many functions. It nests into the ODS carrier, provides strength and integrity to the EPS, and serves as a slippery surface to aid in reducing angular acceleration forces. The EPS is of a softer density than the EPP and is secured into the helmet with 4 locking pins that mate to the ODS carrier. It is also captured by the Chin Bar EPP which provides additional security.



LOW-FRICTION DISKS

Multiple smooth disks top the damping towers to reduce friction under loading thereby assisting in angular acceleration mitigation.

ELASTOMERIC ISOLATION DAMPERS

An array of Isolation Dampers connect the ODS carrier to the outer EPP liner and work in unison to isolate impact energy from the brain. The elastic properties of the dampers, combined with their unique shape provide a progressive spring rate that assists in managing low-threshold energy. The hour glass shape and elastic property also work to manage the 3-dimensional displacement of the inner liner.

OPTIMIZED SHELL DESIGN

The 6D concept of 'Optimized Shell Design' does not define one element, but a system where multiple materials work together, in concert, to provide greater protection and energy management. The shell must have the structural integrity to prevent penetration, but it should not be overly stiff or rigid either. An overly stiff and rigid shell can seriously compromise the helmet's energy management potential.

N E X T L E V E L B R A I N P R O T E C T I O N



INSPERING CONFIDENCE WORLD-WIDE



N E X TL E V E LB R A I NP R O T E C T I O N

Justin Hill / JGR Suzuki

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TORES

SHADOW GRAPHIC



The next level in brain protection. The 6D ATR-2 is the most advanced energy management device ever manufactured for off-road motorcycle competition or recreational riding. Infused with the exceptional DNA of the original ODS technology, but evolved to a whole new level with high-tech materials and design influenced by our work inside the NFL's Head Health Challenge III competition.

The ATR-2 is certified to exceed US DOT FMVSS 218 and ASTM F3103 (US), ECE 22.05 (47 Countries World-Wide), AS 1698 (Australia) and ACU (UK) standards.



ATR-2 Shadow	XS	S	Μ	L	XL	XXL
Neon Yellow Matte	12-0864	12-0865	12-0866	12-0867	12-0868	12-0869
White/Black Matte	12-0804	12-0805	12-0806	12-0807	12-0808	12-0809
Red/Black Matte	12-0834	12-0835	12-0836	12-0837	12-0838	12-0839







STRIPE GRAPHIC



ATR-2 Stripe	XS	S	Μ	L	XL	XXL
Red/Wht/Blue Matte	12-0934	12-0935	12-0936	12-0937	12-0938	12-0939
Orange/White Matte	12-0954	12-0955	12-0956	12-0957	12-0958	12-0959
Cyan/White Matte	12-0914	12-0915	12-0916	12-0917	12-0918	12-0919



AERO GRAPHIC





MISSILE GRAPHIC





 ATR-2 Missile
 XS
 S
 M
 L
 XL
 XXL

 Black Matte
 12-1004
 12-1005
 12-1006
 12-1007
 12-1008
 12-1009





PATRIOT

 ATR-2 Patriot
 XS
 S
 M
 L
 XL
 XXL

 Red/Wht/Blue Gloss 12-0694
 12-0695
 12-0696
 12-0697
 12-0698
 12-0699







ATR-2 Motion	XS	S	Μ	L	XL	XXL
Orange/Blue Gloss	12-1154	12-1155	12-1156	12-1157	12-1158	12-1159
Neon Green Gloss	12-1144	12-1145	12-1146	12-1147	12-1148	12-1149
Neon Yellow Gloss	12-1164	12-1165	12-1166	12-1167	12-1168	12-1169
Red Gloss	12-1134	12-1135	12-1136	12-1137	12-1138	12-1139



 ATR-2 Solid
 XS
 S
 M
 L
 XL
 XXL

 White Gloss
 12-0514
 12-0515
 12-0516
 12-0517
 12-0518
 12-0519

SOLID

AERO















6 D AT R - 2 Y YOUTH ΜΟΤΟ BMX DH

Simply put, the all new ATR-2Y youth off-road competition helmet is the next level of brain protection for today's youngest moto athletes. The ATR-2Y follows directly in its parent's footsteps. It is the most advanced helmet available for off-road motorcycle (or cycling) competition or recreational riding. Infused with the same advanced ODS technology as the adult ATR-2, it was specifically designed for the needs of the growing child and their still-developing brain. Softer foam liners combined with a freer ODS carrier system provide for a more uncoupled system

The ATR-2Y is certified to exceed US DOT FMVSS 218, ASTM F3103 (US), ECE 22.05 (over 50 Countries World-Wide), and ACU (UK) standards.

and better angular acceleration mitigation.

ATR-2Y Aero	YS	ΥM	YL	YXL
Black Matte	11-5000	11-5001	11-5002	11-5003
Neon Yellow Matte	11-5060	11-5061	11-5062	11-5063
Blue Matte	11-5050	11-5051	11-5052	11-5053
White Matte	11-5010	11-5011	11-5012	11-5013
ATR-2Y Strike				
Neon Pink Gloss	11-5180	11-5181	11-5182	11-5183
Red/Wht/Blue Gloss	11-5190	11-5191	11-5192	11-5193
Neon Orange Gloss	11-5120	11-5121	11-5122	11-5123
ATR-2Y Patriot				
Red/Wht/Blue Gloss	11-5290	11-5291	11-5292	11-5293



GRAPHIC

Haiden Deegan KTM

P R O T E C T W H A T M A T T E R S M O S T

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DEEGAN

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THE ORLGINAL GAME CHANGER

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ROBI

XK

EX EL

Jerry Robin Sign Nation / FCC Motorsports KTM

POINT GRAPHIC

6 D АТ R - 1 мото

The Original Game-Changer. The 6D ATR-1 off-road motorcycle helmet changed the industry forever. Introduced in 2013, it was the first motorcycle helmet ever manufactured incorporating technology that reduced angular acceleration and low-threshold impact forces being transferred to the brain during crash impacts. This was accomplished by 6D's revolutionary Omni-Directional Suspension (ODS) system that was developed specifically to address the angular acceleration problem. It's 3- Dimensional displacement capability of the inner EPS liner, relative to the outer EPS liner, provides a more forgivinghelmet over a much greater range of energy demands than competitor helmets.

The ATR-1 is certified to exceed US DOT FMVSS 218, ASTM F3103 (US), ECE 22.05 (Over 50 Countries World-Wide), and ACU (UK) standards.



ATR-1 Point	XS	S	Μ	L	XL	XXL
White/Gold Gloss	10-3514	10-3515	10-3516	10-3517	10-3518	10-3519
Black/Red Gloss	10-3504	10-3505	10-3506	10-3507	10-3508	10-3509
Red/Wht/Blue Gloss	10-3594	10-3595	10-3596	10-3597	10-3598	10-3599



IT'S ALL A B O U T T H E B R A I N

·in Marine



FLIGHT GRAPHIC



DU

 ATR-1 Flight
 XS
 S
 M
 L
 XL
 XXL

 Black/Blue Matte
 10-3304
 10-3305
 10-3306
 10-3307
 10-3308
 10-3309

 White/Red Matte
 10-3314
 10-3315
 10-3316
 10-3317
 10-3318
 10-3319

 Red/Wht/Blue Matte
 10-3334
 10-3335
 10-3336
 10-3337
 10-3338
 10-3339



FUSE GRAPHIC







ATR-1 Fuse	XS	S	M	L	XL	XXL
Orange/Black Gloss	10-3454	10-3455	10-3456	10-3457	10-3458	10-3459
Yellow/Black Gloss	10-3464	10-3465	10-3466	10-3467	10-3468	10-3469
Pink/Black Gloss	10-3434	10-3435	10-3436	10-3437	10-3438	10-3439





SOLID



 ATR-1 Solid
 XS
 S
 M
 L
 XL
 XXL

 Black Matte
 10-3704
 10-3705
 10-3706
 10-3707
 10-3708
 10-3709

 White Gloss
 10-3714
 10-3715
 10-3716
 10-3717
 10-3718
 10-3719

LIGHTWEIGHT 3K CARBON FIBER SHELL

HIGH-DENSITY OUTSIDE EPS LINER

LOW-DENSITY INNER EPS LINER

DAMPING TOWERS

ISOLATION DAMPERS



EPS CHIN BAR

B

INTRODUCING THE EXCEPTIONAL NEW AND RE-ENGINEERED ATS-1R MOTORCYCLE HELMET. THE ONLY STREET HELMET INCORPORATING PATENTED OMNI-DIRECTIONAL SUSPENSION TECHNOLOGY.

10000 7500 2500 2500 2500 5 10 Time (Millisconds)

ANGULAR ACCELERATION

NEW FEATURES AND STATS:

- Advanced ODS Technology - 200 Grams Lighter Weight
 - Improved Shield Base Plates
 - Improved Shield to Shell Sealing
 - Improved Shield, Pinlock, and Tear-Off Selection Options
 - New Graphic Options and Colors
- Larger shell opening for improved fit, aerodynamics, and safety
- Re-Engineered Cheek Pad Attachment System
- New Chin Curtain Design



LOW-THRESHOLD ENERGY

EXCLUSIVE ODS AIR-GAP VENTILATION SYSTEM

The new ATS-1R incorporates anadvanced air flow management system designed to provide adjustable air flow throughout the entire helmet. This system aids in heat and moisture evacuation from within the helmet's interior providing a cooler and safer environment during extreme riding conditions. 4 adjustable intakes channel fresh air into the helmet where it is managed by a network of 15 transfer ports and 5 exhaust ports to keep air moving and keep you cooler.

COMFORT LINER / COMMUNICATIONS

Removable and washable, the comfort liner is as advanced as the helmet! Convertible for warm weather riding by simple removal of a rear vent cover, the air flow characteristics can be significantly altered. High-tech fabrics mated to CAD designed internal padding offer superior comfort, noise suppression, and moisture dissipation. Recessed pockets provide room for internal speaker installation from your favorite communication system. Available inmultiple sizes for a customizable fit.

6D 📃 🛛 The Competition 🔜 📕



HIGH-VELOCITY IMPACTS

PROPRIETARY FACE SHIELD

Engineered to deliver maximum f unctionality and ease of use, the face shield provides outstanding peripheral vision and excellent modulation. A lock-down lever doublesas incremental ventilation when just a slight breeze is desired. 10 distinct ratchet positions offer a setting for every riding possibility, and the articulating pivot ensures a snug fit to theshell when closed.

Shield changes are easy and quick requiring no tools and the ATS-1R includes a clear PINLOCK anti-fog insert. A beveled top edge improves laminar flow onto the helmet's surface reducing buffeting and wind noise, while the shield's flat surface accepts accessory tear-offs for raceapplications. All shields are treated for anti-scratch inside and out, provide UV protection, and distortion free vision. (*Exceeds VESC-8 standards*)



ROGUE GRAPHIC

6 D ATS-1 R STREET

Completely re-engineered for 2019, the ATS-1R climbs to a whole new level of safety performance. In 2018, 6D introduced a new "advanced" ODS system in the highly successful ATR-2 off-road motocross helmet. Advanced ODS brings even greater energy mitigation performance to the system while also contributing to a lighter overall helmet. Originally developed during our award winning work within the NFL's Head Health Challenge III, advanced ODS offers significant improvements in both linear and angular acceleration mitigation performance when compared to the original design and competing brands. Globally homologated to exceed the US DOT, European ECE 22.05, and United Kingdom's ACU helmet standards, the ATS-1R provides unsurpassed security to riders and racers world-wide.

The 6D ATS-1 is certified to exceed the US DOT FMVSS 218 (United States), ECE 22.05 (Over 50 Countries World-Wide), and the United Kingdom's ACU standards.



ATS-1R Rogue*	XS	S	M	L	XL	XXL
Red/Grey Matte	30-0434	30-0435	30-0436	30-0437	30-0438	30-0439
White/Grey Matte	30-0414	30-0415	30-0416	30-0417	30-0418	30-0419
Red/Wht/Blue Gloss	30-0494	30-0495	30-0496	30-0497	30-0498	30-0499
* Helmets shown with optional dark shield						



Danny Buchan / Onpoint Kawasaki

ST -

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White Matte

 XS
 S
 M
 L
 XL
 XXL

 30-0364
 30-0365
 30-0366
 30-0367
 30-0368
 30-0369

 30-0304
 30-0305
 30-0306
 30-0307
 30-0308
 30-0309

 30-0314
 30-0315
 30-0316
 30-0317
 30-0318
 30-0319
 ATS-1R Aero* Titanium Matte Black Matte





AERO GRAPHIC





ATS-1R Solid* XS S M L XL XXL Black Gloss 30-0204 30-0205 30-0206 30-0207 30-0208 30-0209 * Helmets shown with optional dark shield



FLIGHT GRAPHIC

6 D ATB-1 BMX DH

Downhill or BMX, there is no safer helmet option in the market today when compared to the 6D ATB-1. Incorporating all of the exceptional benefits of ODS technology, the ATB-1 is the most advanced full-face helmet available. The ATB-1 incorporates a state-of-the-art 3K carbon fiber shell mated to 6D's proprietary dual-layered Omni-Directional Suspension EPS liner system. This combination of technology and materials provides exceptional performance, lighter weight, and superior safety whenever called upon.

The ATB-1 exceeds the ASTM F-1952-10, CPSC 16 CFR1203 and EN1078 safety standards.



ATB-1 Flight	XS	S	Μ	L
Red/White Matte	20-2234	20-2235	20-2236	20-2237
Blue/White Matte	20-2224	20-2225	20-2226	20-2227
ATB-1 Tactical				
Black Matte	20-2104	20-2105	20-2106	20-2107





6 D ATB-1T TRAIL

In general, in-mold type cycling helmets are just too hard and stiff to do good work protecting the rider in a crash event. They have to be to meet the aggressive pass/fail testing requirements of today's certification standards. While these helmets protect well from skull fractures, they perform poorly at lower energy demands of most common cycling accidents and do nothing to address rotational acceleration. This is where ODS comes into play improving the range of coverage from both low and high-energy impacts of both linear and angular forces. The ATB-1T is an engineering masterpiece, painstakingly crafted to deliver all of the exceptional benefits of ODS into a more effective cycling helmet.

The ATB-1T is certified to exceed both the EN 1078 and CPSC 16CFR 1203 standards.



ATB-1T Evo	XS/S	M/L	XL/XXL
Neon Yel/Grey Matte	22-0664	22-0666	22-0668
Silver Matte	22-0674	22-0676	22-0678
Aqua/Grey Matte	22-0624	22-0626	22-0628
Black/Grey Matte	22-0504	22-0506	22-0508
Black/Teal Matte	22-0524	22-0526	22-0528
Olive/Black Matte	22-0544	22-0546	22-0548
Black/White Gloss	22-0514	22-0516	22-0518
Orange/White Gloss	22-0554	22-0556	22-0558
White/Red Matte	22-0534	22-0536	22-0538



EVO GRAPHIC



ATS-1R PARTS

FOR A COMPLETE LIST OF ALL 6D PARTS AND ACCESSORIES VISIT 6DHELMETS.COM



ATS-1 Face Shield Clear 82-5001 Light Smoke 82-5007 Dark Smoke 82-5002

ATS-1 Tear-Offs 10-Pack (2mm) 83-5011 10-Pack (5m) 83-5010 3-Stack (Laminated) 83-5007 10-Stack (Laminated) 83-5008 Tear-Off Posts 83-5009









ATS-1 **Comfort Liner** Our proprietary design provides optimum support, comfort and fit.



ATS-1 Cheek Pads

ATS-1 Chin Strap Covers





ATS-1 Rear Neck Cuff 71-5003



ATS-1 Pinlock Pins 83-5004

ATS-1 Chin Curtain 71-5001

ATB-1 PARTS



ATB-1 Replacement Visors



ATB-1 Replacement Mouthpieces



ATB-1 Comfort Liner ATB-1 Custom-Fit Comfort Liner



ATB-1 Cheek Pads ATB-1 Chin Strap Covers

ATR-2/ATR-1 PARTS

FOR A COMPLETE LIST OF ALL 6D PARTS AND ACCESSORIES VISIT 6DHELMETS.COM

ATR-2/ATR-1 Replacement





ATR-2/ATR-1/ATB-1 Replacement Visor Screw Kit 73-1011



ATR-2/ATR-1/ATB-1 Visor Key



ATR-2/ATR-1 SuperCool Liner

THE CHALLENGE - traditional liners are made up of an outer foam-backed fabric, over a dense foam padding. While comfortable, it all but eliminatesair flow and absorbs and retains both moisture and heat. THE SOLUTION - the 6D Super Cool liner system is aunique perforated outer fabric, (not foam backed), combined with an exclusive open-cell 6D mesh material that completely replaces the dense comfort foam. The result is a dramatic increase in air flow. Moisture quickly evaporates and air can travel through with little restriction, allowing cool air in and heat to escape. When combined with the 6D Air-Gap, the performance is



ATR-2/ATR-1 Comfort Liner It's a real luxury to have an extra liner to switchout between motos. Our proprietary design provides optimum support, comfort and fit.

ATR-2/ATR-1 Custom-Fit Comfort Liner

A unique option for custom fitting your 6D ATR-1 helmet. The MS liner allows you to create a fit that falls between the two sizes.



ATR-2/ATR-1 Cheek Pads

ATR-2/ATR-1/ATB-1 Super-Cool Cheek Pads



ATR-2/ATR-1 Chin Strap Covers



ATR-1/ATR-1Y Replacement Mouthpieces

ATR-2/ATR-1 Helmet Mud

Kit by TwinAir Prevents mud buildup on the helmet shell, a musthave for those nasty mud races! Easy installation. 73-0000

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A T B - 1



ATB-1T **Replacement** Vi-sors





ATB-1T Replacement Visor Side Screws 73-1002



ATB-1T Comfort Liner

6 D A P P A R E L



Classic Snapback Hat Black 52-3300



Logo Beanie Grey 52-3001



Logo Hat Black S/M 52-3006 L/XL 52-3008



Classic Logo T Black S 50-3545 M 50-3546 L 50-3547 XL 50-3548 XXL 50-3549



Corporate Zip Hoodie Black S 51-3005 M 51-3006 L 51-3007 XL 51-3008 XXL 51-3009



6D Helmets Pullover Hoodie Black S 52-0125 M 52-0126 L 52-0127 XL 52-0128 XXL 52-0129 **Circle T** Grey/Red XS 50-3744 S 50-3745 M 50-3746 L 50-3747 XL 50-3748 XXL 50-3749



Die-Cut Decal (2.5") White 90-3025



Cycling Socks Black XS/S 52-7000 M/L 52-7001



Helmet Bag 74-1001



Split T Navy/Yellow XS 50-3904 S 50-3905 M 50-3906 L 50-3907 XL 50-3908 XXL 50-3909

Engineered T Black/White XS 50-3814 S 50-3815 M 50-3816 L 50-3817 XL 50-3818 XXL 50-3819

ENGINEERED PND TESTE

ED, ENGINEERED, THO TEST

Engineered T

Blue/Turquoise XS 50-3804 S 50-3805 M 50-3806 L 50-3807 XL 50-3808 XXL 50-3809



DETERMINE CORRECT HELMET SIZE

Your helmet should fit snug and securely around the entire circumference of your head. Cheek pads should be firm against your cheek bones and offer support from the helmet moving laterally.

[1] Use a tape measure to get your correct head circumference measurement. Measure horizontally around your head at a height about one inch above your eyebrows. This should give you the correct largest measurement for reference to the size chart below.

[2] Cross check the sizing chart to determine your proper size helmet.

[3] Select the helmet size that is the closet match to your head measurement. If your head size falls between two helmet sizes you should try on the smaller one first.

CHECK FOR PROPER FIT

With the helmet on, go through the following check list to determine whether you have chosen the correct size. Make sure your head is seated all the way into the helmet and contacts the comfort liner on the crown of your head as well as the entire circumference. The cheek pads should be firm against your cheek bone area. With the chinstrap securely fastened, grasp the helmet firmly with both hands. Without moving your head, try and move the helmet up and down and side to side. You should feel the skin of your head and face being pulled over and about your skull as you try to move the helmet. If you can move the helmet around easily without this sensation the helmet is too big and you will need a smaller size. Next, try to rotate the helmet forward around your ears. It should not be possible to remove the helmet in this fashion with the chinstraps properly fastened. If you cannot adjust and fit your helmet as described above, DO NOT USE THE HELMET as serious injury or death could result. Replace the helmet with the correct size.

6D HELMET SIZE CHART

Helmet Size	Size (cm)	Size (Inches)
YOUTH S	49 - 50	19 1/4 - 19 5/8
YOUTH M	50 - 51	19 5/8 - 20
YOUTH L	51 - 52	20 - 20 1/2
YOUTH XL	52 - 53	20 1/2 - 20 7/8
	/	
ADULI XS	53 - 54	20 7/8 - 21 1/4
ADULT S	55 - 56	21 5/8 - 22
ADULT M	57 - 58	22 1/2 - 22 3/4
ADULTL	58 - 59	22 3/4 - 23 1/4
ADULT XL	60 - 61	23 5/8 - 24
ADULTXXL	62 - 63	24 7/16 - 24 3/4







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