



Season's Greetings & Happy Holidays

International Armored Group wishes all of you Happy Holidays. We would like to take this opportunity to thank you all for the business and support throughout this past year and we hope that we will continue our relationship in the new 2010 year.

Levels of Ballistic Protection



In high risk areas such as Iraq and Afghanistan, most armored vehicles are built to the B6 level of protection, able to withstand multiple 7.62x51mm M80 rounds using 6mm ballistic steel. Instead, IAG offers B6+ vehicles with 6.5mm armoring, providing a higher level of protection. In addition, IAG also offers B6++ vehicles to counter the "car body" effect of 5.56x45mm SS109 and 7.62x54mmR rounds as well as provide optimal blast protection. IAG B7 level vehicles are also available, with armoring that is able to withstand multiple 7.62x51mm armor piercing rounds, a feature not commonly found within the industry.

Ballistic vs. Blast Protection

One of the biggest misconceptions of armored vehicles is that a higher level of ballistic protection (i.e. CEN B7 or NIJ IV) equates to superior blast protection, which is unfounded. Blast protection comes from superior armoring designs, not just the materials. IAG has developed a new B6++ design to provide a balance for optimal ballistic and blast protection while retaining the low profile OEM appearance. For more information, please read our article on the Armed Forces International [website](#).



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B7 Level Vehicle Armoring



According to CEN standards B7 level of armoring will be able to withstand multiple shots of high powered armor piercing 7.62x51mm rifle rounds. Very thick armoring is required, and as a result a significant amount of weight will be added onto the vehicle. IAG is one of the few manufacturers in the industry that is able to provide a B7 vehicle with multiple shot protection (vs. single shot protection found on many vehicles on the market) while maintaining a high level of reliability. Standard features on IAG B7 vehicles include custom designed advanced upgraded suspension, tires and brakes as well as axle reinforcement. Please contact us for more details.

IAG Exclusive B6++ Armored Vehicle

Over the past few years, personnel operating in hostile regions have been forced to face an increasing number of attacks from various forms of improvised explosive devices (IEDs). As a response, IAG has developed an exclusive B6++ armoring design that provides optimal blast protection for the occupants. The design features whole pieces of interlocked armor plating surrounding the cabin. Combined with full overlap systems installed in every doorway, IAG B6++ vehicles offers a much higher rate of blast survivability when compared to the normal B6 and even B7 level armored vehicles. Please contact us for more details.



Commercial Vehicles Middle East Trade Show & Exhibition

As a manufacturer of custom armored vehicles, International Armored Group will be attending the Commercial Vehicles Middle East event from March 9th to 11th, 2010.



IAG will be displaying some of its latest armored vehicles at the show, so please make sure you stop by our booth (stand C30) to see our products and talk to one of our representatives.

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IAG Armored RHD Vehicles



Depending on the area of operation, armored vehicles may need to be configured to a certain specification in order to meet the regulation of the local authorities. In regions where vehicles drive on the left side of the road (i.e. Pakistan, India, and certain parts of Africa), right-hand drive (RHD) vehicles may be required. As a solution, IAG can build armored RHD cars and SUVs such as armored Toyota Land Cruiser 200 AX/AX-G, GXL and VX, Toyota Troop Carrier, Toyota Crown sedan, and vehicles from luxury brands (BMW, Mercedes Benz, etc.) IAG can also build customized RHD trucks for applications such as Cash-in-Transit and armored passenger buses.

Armored Ambulances

Extracting injured, sick or wounded personnel in a conflict zone is a highly difficult task to accomplish due to the hostile environment and rough terrain. IAG's range of armored ambulances are suitable for specific types of operation. The 4x4 armored Ford F350 and F550 ambulance as well as the armored Toyota Land Cruiser 78 ambulance are suitable for off-road terrain. Vans such as the armored Toyota Hiace and Nissan Urvan ambulance are suitable for urban environments, providing ample interior space while maintaining a more discrete appearance. All IAG armored ambulance can be armored to the B6 level, fully equipped with medical equipment and supplies.



DIHAD 2010



The Dubai International Humanitarian Aid and Development (DIHAD) conference and exhibition is the largest humanitarian event in the Middle East, with many government and non-government organizations, UN agencies, charity, and humanitarian organizations attending to combat the issues of poverty, shelter, clean drinking water, education, and health.

The venue for 2010 will be the Dubai International Convention & Exhibition Center. IAG will be exhibiting armored vehicles at booth numbers 307, 308, 317, and 318 from April 4th to April 6th. Please visit us to see our armored vehicles first hand.

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IAG Armored VR7 Convoy® TLC 200



IAG is proud to be amongst the first manufacturers in the world to obtain the BRV2009 VR7 certification for the Toyota Land Cruiser 200 Series Convoy® issued by the internationally recognized government testing laboratory Beschussamt Mellrichstadt ... The IAG armored Convoy® underwent rigorous and comprehensive testing with 0 penetration after enduring more than 400 shots from 5.56x45 and 7.62x51mm rounds from all sides of the vehicle at any impact angle. The VR7 IAG Convoy® is a vehicle fully certified to the CEN B6 level of protection as per the latest standards.

IAG Convoy® Withstands Land Mines & IEDs

In addition to the ballistic testing, the VR7 certified IAG Convoy® Armored Toyota Land Cruiser underwent extensive blast testing in order to test its capabilities to protect the occupants against IEDs and other explosive threats. The Convoy® successfully survived attacks from 2 x DM51 German military hand grenades placed underneath and two on the roof of the vehicle; 1 x DM31 land mine detonated underneath the vehicle, equivalent to 500g of TNT and destructive fragments; 1 x HG85 hand grenade detonated on the roof and one underneath the vehicle, equivalent to 155g of TNT with destructive fragments. For the side blast the Convoy® withstood 12.5kg of PETN (17kg TNT equivalent) detonated 4m away from the side of the vehicle. Upon inspection after the blasts, the armored cabin sustained no penetration or deformation and the pressure from the side blast was way below the threshold.



BRV 2009 vs. BRV 1999 VR Standards

Under the updated BRV 2009 standards, VR7 is the equivalent to the CEN B6 level of protection. While VR6 under the BRV 1999 standards also provides protection for the same type of ammunition as specified in B6, there are a few key revisions made in new BRV 2009.

VR STANDARD COMPARISON CHART		
	VPAM BRV 1999 VR6	VPAM BRV 2009 VR7
CEN B6 Level Protection: - protects up to 7.62 x 51mm (FJ/PB/SC rounds)	YES	YES
Windows: - 3 shots, equilateral triangle with 120 mm sides	YES	YES
Firewall & windscreen:	- only tested against 90 degree impact angle	- tested against any impact angle
Side panels - doors, pillars:	- only tested against 90 degree impact angle	- tested against any impact angle
Rear bulkhead:	- only tested against 90 degree impact angle	- tested against any impact angle
All gaps and apertures:	- only tested against 90 degree impact angle	- tested against any impact angle
Roof:	- only tested up to between 45 to 60 degrees impact angle	- tested against any impact angle, including 90 degree straight shot from overhead

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Armored Ford F550 Super Duty Ambulance



International Armored Group is proud to introduce the newest member of its fleet of armored ambulances, the Ford F-550 Super Duty Ambulance. The Ford F550 is the biggest model available from the IAG ambulance fleet. It's high payload rating is ideal to support the weight of the armoring and medical equipment necessary for an armored ambulance conversion. In addition to the armored cab, an armored box is installed in the rear to provide protection from ballistic and blast threats. The vehicle interior is outfitted with a special material suitable for a medical environment that is easy to clean and hygiene friendly. A full range of medical equipment and supplies, as well as bench seating for medical personnel can be installed as per the client's requirements.

Armored Mercedes Benz S Class

Top of the line luxury vehicles such as the Mercedes Benz S Class are constructed of state-of-the-art materials and feature a wide range of luxury equipment. IAG has taken tremendous measures in developing an armoring design that will not only maintain the Mercedes OEM appearance, luxury and features, but also provide complete vehicle cabin protection from ballistic, as well as, blast threats. The IAG armored Mercedes Benz S Class features armoring on the front, rear, sides and roof with full overlap armoring at all doors and an in-house designed special armored floor to enhance performance and blast resistance. This vehicle is ideal for clients looking for safety, comfort, performance and presence on the road. Please contact us for more details.



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IAG Summer Inventory Sale



The annual IAG summer inventory sale is on again featuring in stock armored vehicles at special discounted prices. The offer is valid until the end of July, please contact us to take advantage of this offer before it's too late...

BMW X5 Luxury SUV	Starting at \$108,000
Ford Crown Victoria Sedan	Starting at \$60,000
Ford F350 Super Duty Pickup Truck	Starting at \$70,000
Ford Ranger Pickup Truck	Starting at \$49,000
Lexus LX570 Luxury SUV	Starting at \$140,000
Nissan Patrol SUV	Starting at \$69,000
Toyota Land Cruiser (LHD/RHD)	Starting at \$67,000

IAG Armored Vehicle Power Upgrades

IAG offers special modifications to increase the power output of various armored vehicles in order to improve performance. For example, IAG has installed upgraded turbo kits for the armored Toyota Land Cruiser 70 Series 4.2 diesel motor with a 60% increase over the standard OEM output, and upgrades for the Land Cruiser 200 Series 4.5L diesel motor will provide an additional 110lb-ft of torque. IAG can also install superchargers for the Land Cruiser 200 with gasoline engines, providing an average horsepower increase of 50% over the OEM rating. Contact us for more details.



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New 2010 Armored Nissan Patrol



Nissan has introduced a completely redesigned Nissan Patrol for the 2010 model year, equipped with a powerful 5.6L V8 engine producing up to 400hp mated to an advanced 7-speed automatic transmission and variable 4x4 system. IAG is amongst the first companies in the industry to develop an armoring design for the brand new model, providing ballistic and blast protection for the entire vehicle cabin. In addition, newly developed upgrades for the suspension and braking systems are also installed to improve driving dynamics. Please contact us for more details.



IAG Website in Spanish

In order to service our Spanish speaking clients, IAG has launched a new Spanish website. The content on the original English site is now available in Spanish. To visit the Spanish version of the IAG website, please visit <http://www.interarmored.com/es>.

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IAG Armored Toyota Land Cruiser 79 Pickup



Derived from the VR7 certified armored Toyota Land Cruiser 200 Convoy®, the armoring design of the new and improved IAG B6 Toyota Land Cruiser 79 pick up truck maximizes vehicle survivability. The armored Toyota Land Cruiser 79 is available with either diesel or gasoline engines with a manual transmission and a powerful 4x4 drivetrain. Equipped with IAG upgraded suspension and brake systems, off-road performance is significantly enhanced. Optional equipment such as heavy duty rim/tires, bull bars, electric winch and other options are also available upon request.

Iraq Petroleum 2010 Conference

We are proud to announce that IAG will be a Silver Sponsor for the CWC Iraq Petroleum 2010 Conference at the Millennium Gloucester Hotel in London held from November 29th to December 1st, 2010. This would be a great opportunity for our clients located in Europe to come meet us and learn more about our products. For more information specific to the event, please visit <http://www.cwciraqpetroleum.com>.

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Armored Toyota Land Cruiser 78 Troop Carrier



Following the armored Toyota Land Cruiser 76 Hardtop, IAG has developed a new design for the B6 armored Toyota Land Cruiser 78 Troop Carrier as well. The armoring design is derived from our independently BRV 2009 certified VR7 Toyota Land Cruiser Convoy®, which has been proven to protect the occupants from multiple impacts of 7.62x51mm and 5.56x45mm rifle ammunition as well as withstand simulated IED blast with no penetration in the vehicle cabin. Please [contact us](#) for more details.

Armored Ford Ranger Pickup Truck

The Ford Motor Company Ranger Truck is commonly used for supporting operations in Afghanistan and Iraq. The IAG armored Ford Ranger is ideal for applications such as cargo transport, police truck, mobile maintenance and tactical ambulance. Available with either a 2.5L diesel or a 2.6L petrol engine and manual/automatic transmission, the new armored Ford Ranger is a cost effective solution for light tactical vehicles (LTVS). Please [contact us](#) for more information and configuration.



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IAG Armadillo Armored Passenger Bus



Designed and engineered from the ground up, the IAG Armadillo® Armored Passenger Bus is the latest development in secure personnel transport in high risk areas. The Armadillo® has a seating capacity of 26 PAX and up and comes equipped with features such as video surveillance systems, gun ports, and emergency escape hatches and doors. With a powerful diesel engine, heavy duty suspension and 4x4 drivetrain, the Armadillo® is highly mobile and capable of handling mountainous terrain with 26% vehicle gradability. Full B6 armoring with counter-IED design protects the vehicle occupants from both ballistic and explosive threats. Please [contact us](#) for more details.

Afghanistan Reconstruction Summit

The Afghanistan Reconstruction Summit has been postponed from the original dates of December 14-15th. The exact date has not been announced, but the event will go ahead either at the end of April or start of May. For more information about the event and postponement, please visit <http://www.investmentsummits.com/summit/ars10/index.htm>.

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