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## **MEDIA RELEASE**

### **BISHOP COMPANY WINS ENGINEERING EXCELLENCE AWARD FOR MANUFACTURING PROCESS**

#### **Bishop Innovation Limited wins award for Precision D-Rack Warm Forging Die and Cell**

SYDNEY, September 18, 2009 – Bishop Innovation Limited, a 100% subsidiary of Bishop Steering Technology Ltd, Australia's leading innovator and exporter of automotive steering technology, has been awarded an Engineering Excellence Award from Engineers Australia Sydney Division for its Precision D-Rack Warm Forging Die and Cell in the category Products, Manufacturing Facilities and Processes.

The annual Engineering Excellence Awards program in Australia recognises the expertise of individuals and engineering organisations. Winners and finalists in this premier event are deemed to be truly outstanding achievers and pre-eminent in their field.

Using advanced FEA, Computational Fluid Dynamics (CFD), forging and robot simulation tools, the Precision D-Rack Warm Forging Die and Cell was developed and installed in less than 3 years from initial concept to start of high volume production in Germany.

**BISHOP WINS AWARD FOR PRECISION D-RACK WARM FORGING DIE AND CELL**

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The D-Forge Die, which is the core patented innovation, is a multi-axis forging die capable of producing a precision warm forged steering rack to net shape at a cycle time of 12 seconds. The total die mass is 9 tonnes and the typical forging load is 1,800 tonnes. The rack teeth produced in this forging process are fully formed in a single blow to an accuracy exceeding DIN 3963 Class 9, which is the already the highest accuracy available in series production steering racks anywhere in the world.

Commenting on the award, Mr Laurie Bishop – Chairman and Managing Director of the group – said “Receiving this prestigious award from the Australian engineering community is a tremendous honour for our organization”. Mr Bishop then expanded by saying “Since the production start in 2006, the D-rack Warm Forging Process has been very well received by existing and new customers. The new process will allow us to grow our steering rack business in all core markets in the coming years.”

**Note to Editor:**

Bishop Steering Technology Limited (BST) is a subsidiary of the Bishop Technology Group based in Sydney (Australia) and a world leader in the development of automotive steering systems and their production techniques. Bishop supports the market through offices in Germany, Australia and the US. Over 20 per cent of all vehicles produced globally each year contain components based on Bishop technology. The company holds over 200 patents and patent application.

Ends.