

FOR IMMEDIATE RELEASE

Forty Two Strainsert Custom Force Sensors Deployed on the Mars Rover Curiosity

Strainsert Company, a premier manufacturer of standard and custom [force sensors](#) for research, testing, weighing and control applications in the Aerospace, Military, Marine and Automotive industries, designed and manufactured forty two custom force sensors utilized on the Mars Rover Curiosity which recently landed successfully on the red planet.

Conshohocken, PA, August 21, 2012 – The Curiosity, part of the [Mars Science Laboratory](#) program, landed on Mars on August 6th after a long 8+ month flight from Florida's Cape Canaveral Air Station. Larger than previous rovers, the Mars vehicle is a landmark achievement for U.S. space exploration and Strainsert is extremely proud to again be involved in this important program.

Strainsert produced forty two custom force sensors for various functions including the major spacecraft separations (Cruise Stage, Heat Shield, Descent Stage, Ballast Masts and Rover), as well as the retention of the Mobility (wheels), High Gain Antenna, Camera Mast, Robotic Arm and mechanisms retaining two spare drill bits.

Strainsert force sensors have been utilized in many major space programs over the last several decades and Strainsert is very honored to continue working with NASA's Jet Propulsion Laboratory.



About Strainsert Company

Headquartered in Conshohocken, PA and established over five decades ago, Strainsert is an industry leading designer and manufacturer of force sensors products, including [load cells](#), [load pins](#), tension links, force sensing bolts/studs and force measurement systems. Strainsert is a pioneer in the force transducer industry, with numerous patented designs made possible by their innovative internal gaging processes and an unsurpassed dedication to engineering, customer requirements and vast industry experience in the Aerospace, Military, Marine and Automotive industries. Strainsert is AS9100 / ISO 9001 certified. For more information, please visit <http://www.strainsert.com> or call 610-825-3310.

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