

Powertrain Consulting Service



In the design and manufacture of powertrain systems and components, better quality, better reliability and increased fuel efficiency are key factors. Longer life expectancy, better performance and production of fewer emissions also play key roles in design considerations.

To assist in the development of these components and systems, Southwest Research Institute® (SwRI®) is pleased to offer our Powertrain Consulting Service (PCS) program. With a history of more than six decades of experience in automotive research and development, SwRI is uniquely qualified to offer expertise in this and many other automotive-related areas.

This rich history, coupled with the skills and knowledge base of an extensive engineering and support staff, has enabled SwRI to operate the Power Consulting Service continuously over 20 years with clients in the United States, Europe and Asia. The program maintains a high level of client satisfaction, as indicated by the large number of repeat members who have found value in the program.

Client Benefits and Deliverables

- Monthly technical updates
- Reports on SwRI-sponsored research and unrestricted project work at SwRI

- Topical reports and presentations on subjects of wide interest
- Reports on emissions legislation in the United States
- Two one-day visits each year to member companies and presentations on various powertrain system topics

Visits and Technical Presentations

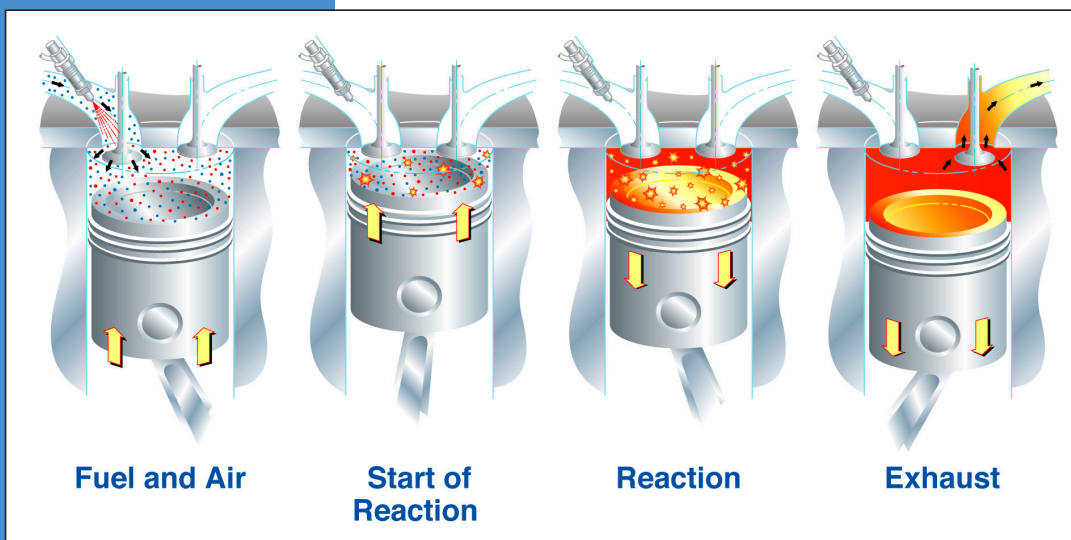
SwRI visits each client company twice each year, offering a full eight hours of technical presentations and discussion during each visit. SwRI normally sends two or three experts to each meeting. A typical meeting includes ten 45-minute presentations covering technologies of importance to our clients. Data in the presentations is derived from the literature, but often includes SwRI internal data which has generally resulted from an internal research project.

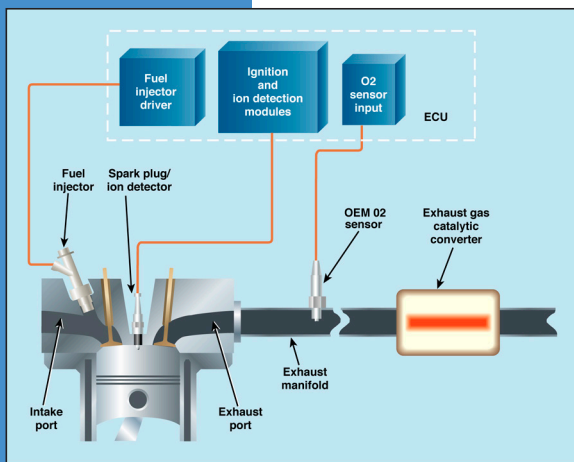
Dedicated Engineering Consulting

Part of the annual fee is placed into a client-specific consulting budget, which allows member companies to ask specific engineering and market questions. Responses are typically provided in PowerPoint presentations by technical experts. This allows member companies to access SwRI's broad technical base quickly to solve urgent problems.

Monthly Technical Updates

Member companies receive monthly reports of 10–15 pages covering technical and business aspects of the automotive, fuels, lubricants and hybrid industries.

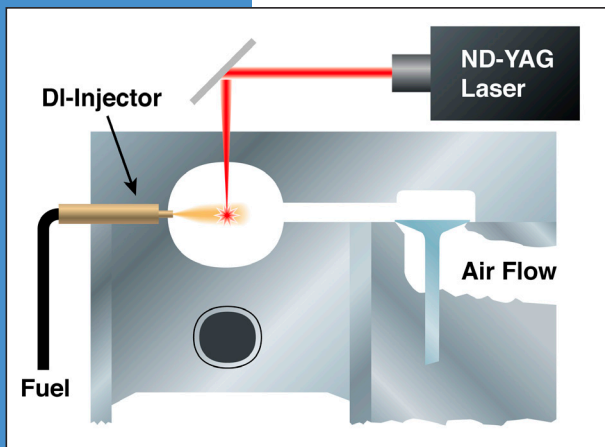




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Additional Program Features

- Increased value to member companies by customizing the service to the members' products and interests
- Topics centered on engine, transmission, emission measurement, fuel and lubricant technology
- Annual renewable subscriptions that allow new members to join at any time



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Southwest Research Institute is an independent, nonprofit, applied engineering and physical sciences research and development organization using multidisciplinary approaches to problem solving. The Institute occupies 1,200 acres in San Antonio, Texas, and provides more than 2 million square feet of laboratories, test facilities, workshops and offices for more than 3,000 employees who perform contract work for industry and government clients.

We welcome your inquiries.
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through innovative science
and technology

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