

## MICHIGAN'S GLOBAL POSITION IN VEHICLE DESIGN, DEVELOPMENT AND MANUFACTURING

Any of the facts you read below, taken in isolation, are impressive. Viewed together, they demonstrate why Michigan continues to dominate the North American auto manufacturing industry as home to the headquarters of General Motors, Ford Motor and Chrysler Corporation. These three auto giants are investing billions of dollars in new Michigan manufacturing facilities, and are being joined by an ever-increasing number of international automotive companies that are also growing in the state.

While manufacturing has and continues to be a foundation of Michigan's strength, the state has secured its future in the industry by taking a dominant role in vehicle-related research, development and innovation. This leadership is undisputed, with expenditures of \$10.7 billion annually and 65,000 employed in more than 330 technical centers.

### IN 2006, THE WORLD PRODUCED 68+ MILLION CARS AND TRUCKS

- 85% or 58 million vehicles were produced by the 10 largest global OEMs\*
- Nine of those 10 OEMs have research, product development, or production facilities in Michigan.
- Three are headquartered in Michigan (GM, Ford and DCX)
- Six have a major employment/investment presence in Michigan (GM, Ford, DaimlerChrysler, Toyota, Nissan and Hyundai-Kia).
- 18% of the world's vehicles are assembled in the United States.
- 4% of the world's vehicles are assembled in Michigan.
- Michigan produces more vehicles than any other state—accounting for 21% of U.S. vehicle production.
- If Michigan were a country, it would rank 10th in the world for vehicle production.
- Of those countries that produce vehicles, 28 countries produce fewer vehicles than Michigan, including the United Kingdom, Mexico, India, Russia and Italy.

### GLOBAL AUTO SUPPLIER FACTS

- 9 of the top 50 global suppliers are headquartered in Michigan
- 8 of the 10 largest global suppliers are either headquartered or have their North American headquarters in Michigan
- Of the top 50 global suppliers, 46 have facilities in Michigan

In addition many of the world's top suppliers have their North American headquarters in Michigan. For example: Denso, Robert Bosch, Aisin, Continental, Yazaki, Siemens, Toyota Boshoku and many others.

### \* WORLD'S LEADING OEMS (REPRESENTING 85% OF 68 MILLION UNIT 2006 GLOBAL PRODUCTION)

1. General Motors (Suzuki, Isuzu, Saab, Fuji and Daewoo)
2. Ford (Mazda, Jaguar, Volvo and Land Rover)
3. Toyota (Daihatsu and Hino Motors)
4. Renault-Nissan
5. Volkswagen-Audi
6. DCX
7. Peugeot-Citroen
8. Hyundai-Kia
9. Honda
10. Mitsubishi

The remaining 15%, or 10+ million units, are produced by number of OEMs with outputs ranging from 1.2 million to several hundred units.

\* Data sources: Automotive News, Ward's ELM, and Center for Automotive Research. 2006 normalized