

# An Affordable Automotive Hybrid Transmission

from  
Hybrid Drivetrains, Inc.



Toyota Prius, 50 mpg, \$22,500  
(\$3k battery replacement every 5 yrs)



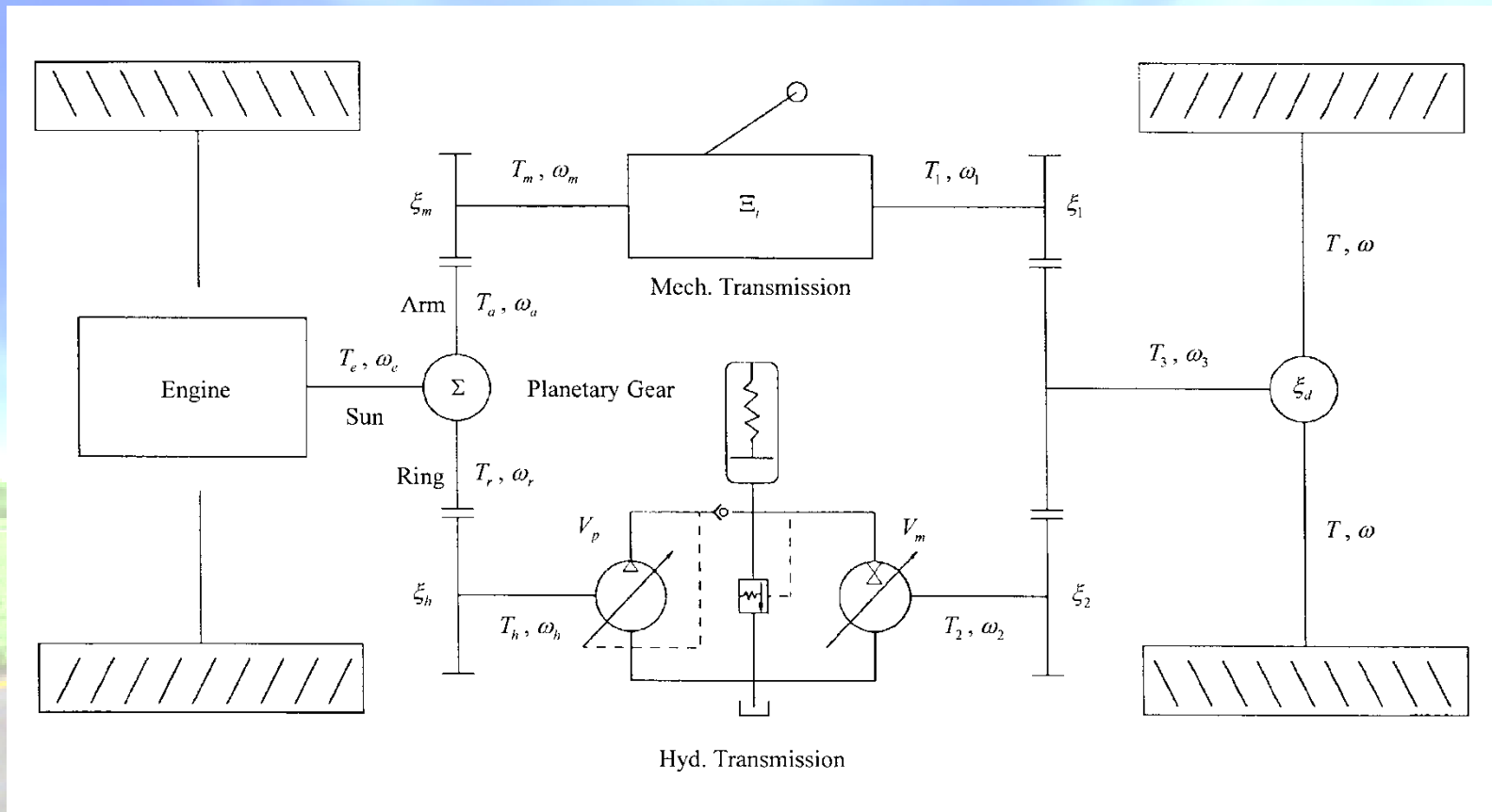
Toyota Corolla, 30 mpg, \$15,000  
(no battery replacement)

- A new hydraulic hybrid-transmission
- High fuel efficiency and low emissions
- Reduces first-time buying cost by thousands of dollars
- Eliminates the need for battery replacement and disposal
- Optimizes engine efficiency
- Regenerates braking energy
- Eliminates the reverse gear in the mechanical power path
- Eliminates friction / disc brakes



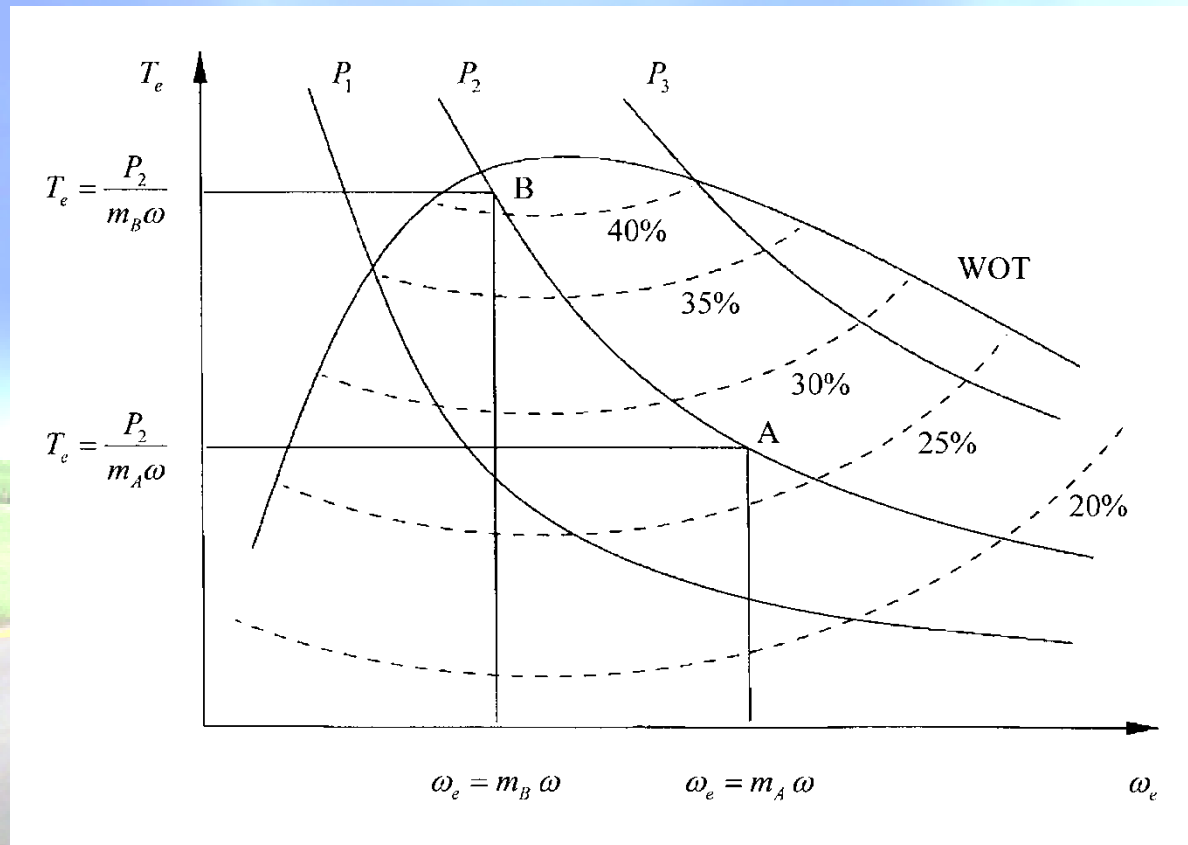
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## **Market Opportunity**

- **60,000 new automobiles are manufactured every year worldwide**
- **Legislation is requiring clean energy (e.g. Proposition C)**
- **150 million cars on the road in America today (estimated)**
- **If all cars were equipped with a hybrid transmission, it would be like taking 60 million cars off the road from an environmental perspective (a reduction of 0.41 billion metric-tons of carbon dioxide)**



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## **Strength of Technology**

- **Addressing specific need of reduced cost and accessibility**
- **Patent disclosures are filed**
- **University of Missouri owns the technology**
- **Hydraulic hybrids offer unique attributes (e.g., no batteries)**



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## **Potential Position in the Marketplace**

- **Can be built with existing components**
- **Can be designed as a retrofit transmission for existing automobile models**
- **Can be applied to small and large vehicle applications**



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## **Science Team**

- **Experts in machine design**
- **Experts in hydraulic control systems**
- **Proven record for developing original equipment**
- **Proven record for managing business and technology**



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## **Investor Value Proposition**

- **Medium risk (transmission components exist)**
- **High impact (many consumers can be attracted)**
- **Looking for investors and development funds**

