

INDYCAR RACING

Tanks and tyres in twenty seconds

Crew: Maximum of six – two 'fuellers' and one man on each wheel – allowed over pit wall

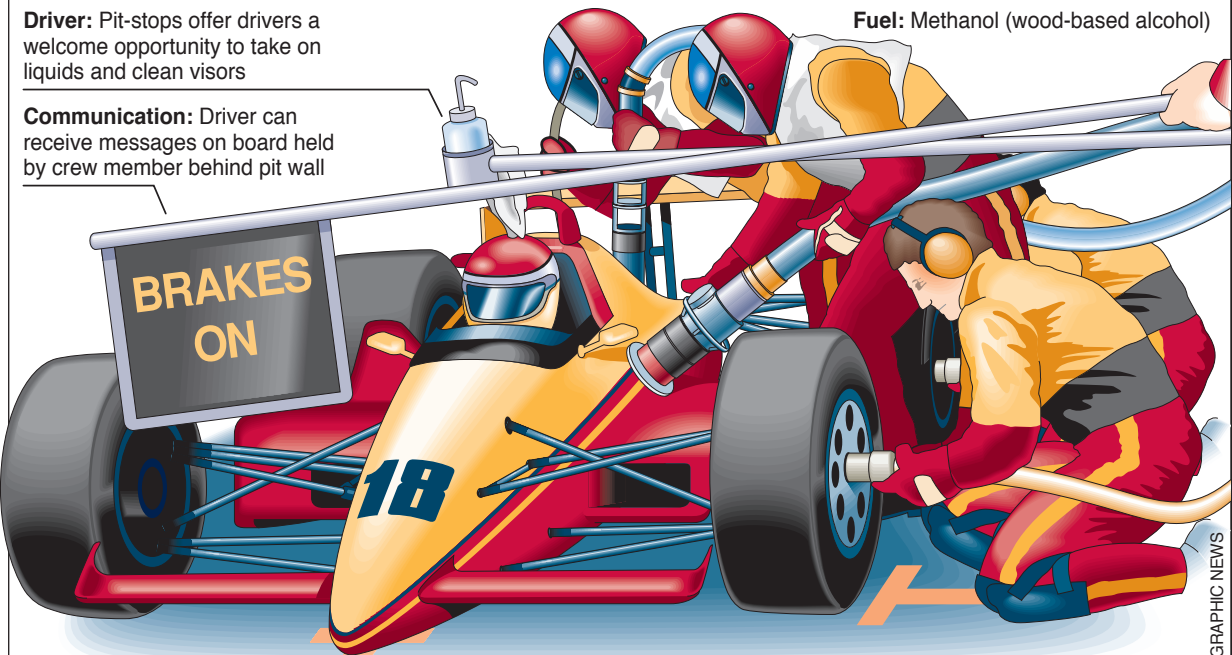
Driver: Pit-stops offer drivers a welcome opportunity to take on liquids and clean visors

Communication: Driver can receive messages on board held by crew member behind pit wall

As in Formula 1, the pit-stop is a time of frantic activity at IndyCar races. The average stop, which includes refuelling, will take between fifteen and twenty seconds – twice as long as the average Formula 1 stop – and is subject to stringent conditions designed to ensure safety

Refuelling: Gravity-fed by 76mm hose through valve on side of car as air is drawn from tanks at rear of car. Permitted fuel limit varies from race to race, calculated on a consumption rate of 1.8 miles per U.S. gallon

Fuel: Methanol (wood-based alcohol)



Tyres: Maximum limit of 44 tyres for 500 mile races and 28 for short oval and road course races. Heating of tyres is prohibited

Drivers are penalised if cars enter or leave their pit area before all hoses and tools are cleared

All crew members wear fire-proof clothing. 'Fuellers' wear additional safety equipment, including face masks to protect them from fumes