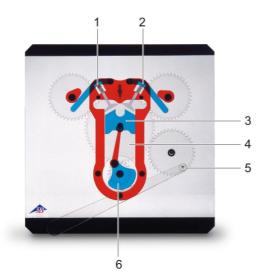
# **3B SCIENTIFIC® PHYSICS**



## Diesel Engine, Transparent 1002996

#### Instruction sheet

04/12 JS



### 1. Description

The diesel engine is an internal combustion engine which requires four strokes to work (intake, compression, ignition or power stroke and exhaust stroke) wherein the mixture of air and fuel ignites of its own accord.

The crankshaft conveys the force and also controls the changes in the gas mixture.

1	$\frown$	utlet
	Οl	JUEL

- 2 Inlet
- 3 Piston
- 4 Combustion chamber
- 5 Valve control
- 6 Crankshaft

#### 2. Operation

Additionally recommended: Overhead Projector (230 V, 50/60 Hz) 1003264 or Overhead Projector (115 V, 50/60 Hz) 1003263

- Lay the transparency on the daylight projector.
- Move the components by hand to the places which correspond to the various strokes.