

The 960 Power Pack is a great addition to any LEGO Expert Builder Model. Examples shown are made from other building sets.



Set Number 951



Set Number 956

Motor Tips

If your motor doesn't work, check to make sure all connections are tight and that your batteries are correctly placed in the box. If it still does not work, replace the batteries.

When you are not going to use your motor for a long time, or when batteries go dead, always remove them, or they may corrode and damage the battery box.

Never push your motor or allow it to come into contact with water. Both can damage the motor.

Be careful not to damage the shaft of the motor, and always pull the wire out by the plugs.

Be certain that all moving parts on completed models turn freely and easily. If a model is hard to drive, power consumption is increased considerably and the batteries will quickly lose power.

There is no need to oil the motor. LEGO Systems, Inc. has already taken care of that for you.

Expert Builder Power Pack Set Number 960



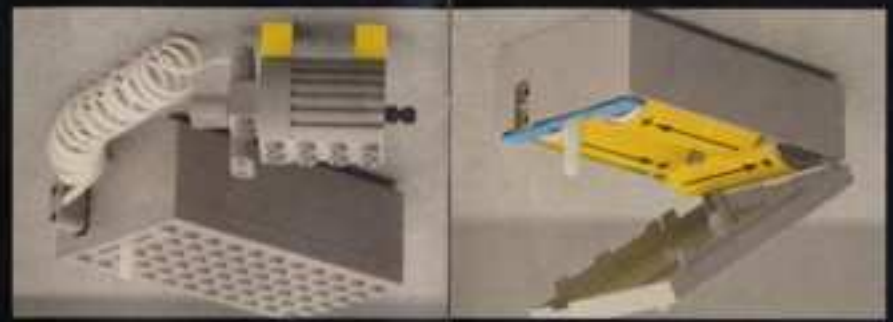
Here's how your
LEGO® motor works



First open the battery box by loosening the screw on the bottom. Remove the lid and you will see three arrows. They indicate which way to place the three C-type batteries.

Now connect the motor and the battery box with the wire cord. There is one socket on the battery box and a choice of three sockets on the motor. This allows you to attach the wire where it fits best on your model.

All ready to go! When the switch on the top of the battery box is set in the middle, the motor is turned off. Push it to one side to go forward. Push it the other way to go backward.



960 Power Pack Parts Assortment



The 960 Power Pack Assortment also includes a Battery Box, Power Cord and Elastic Drive Band.

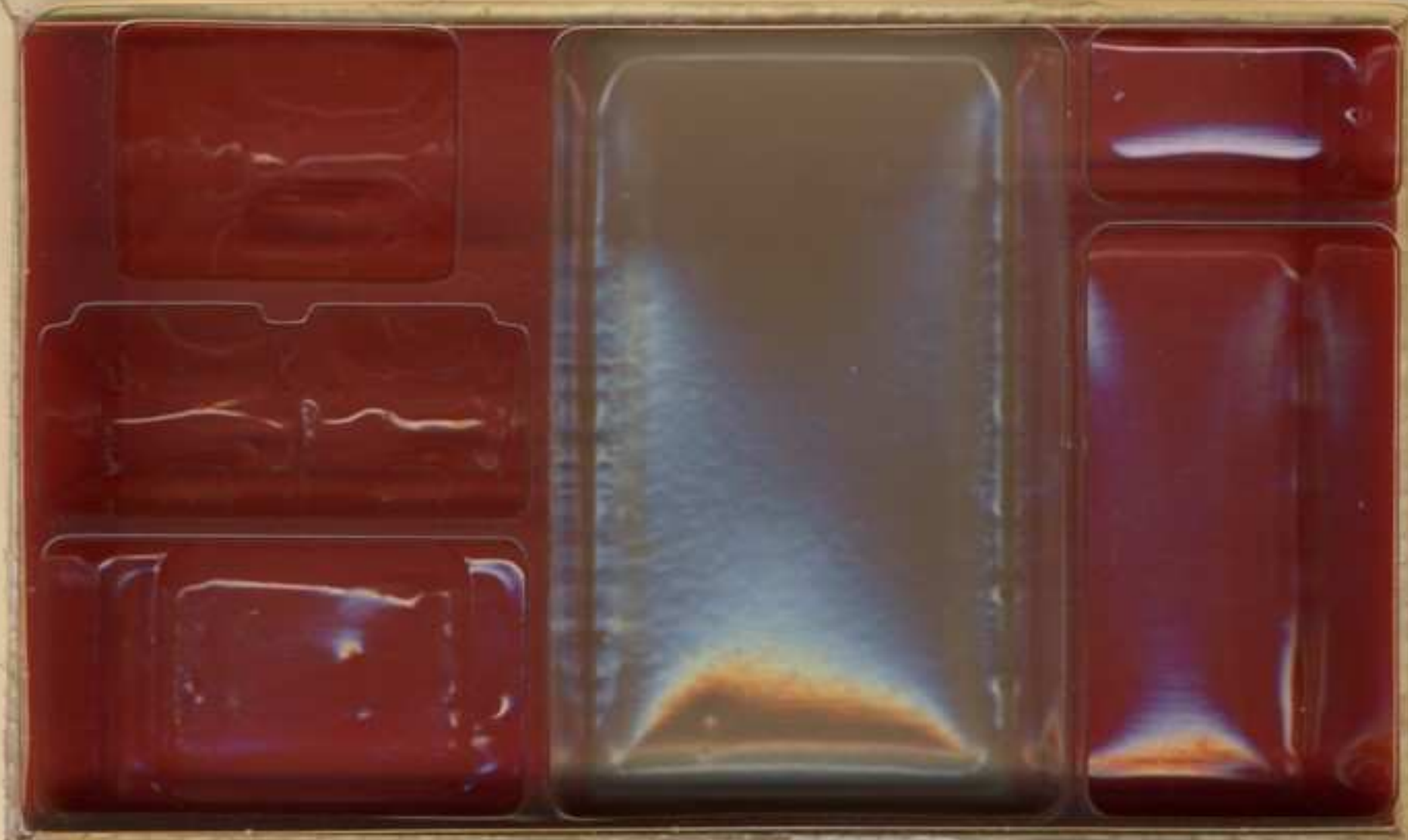
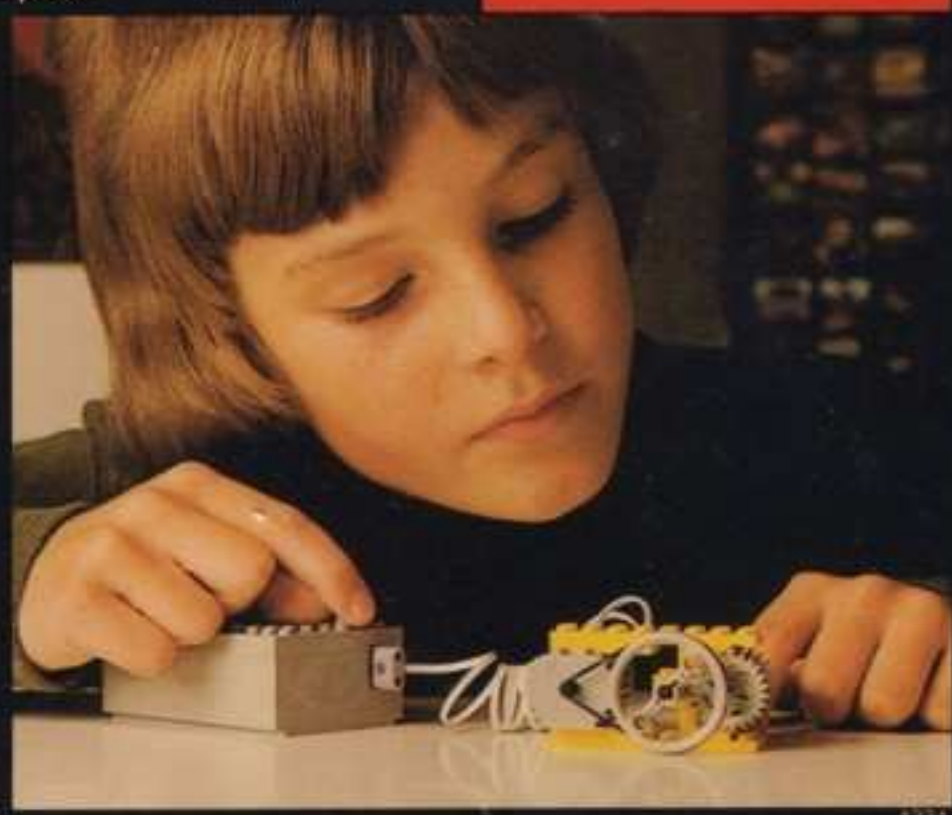
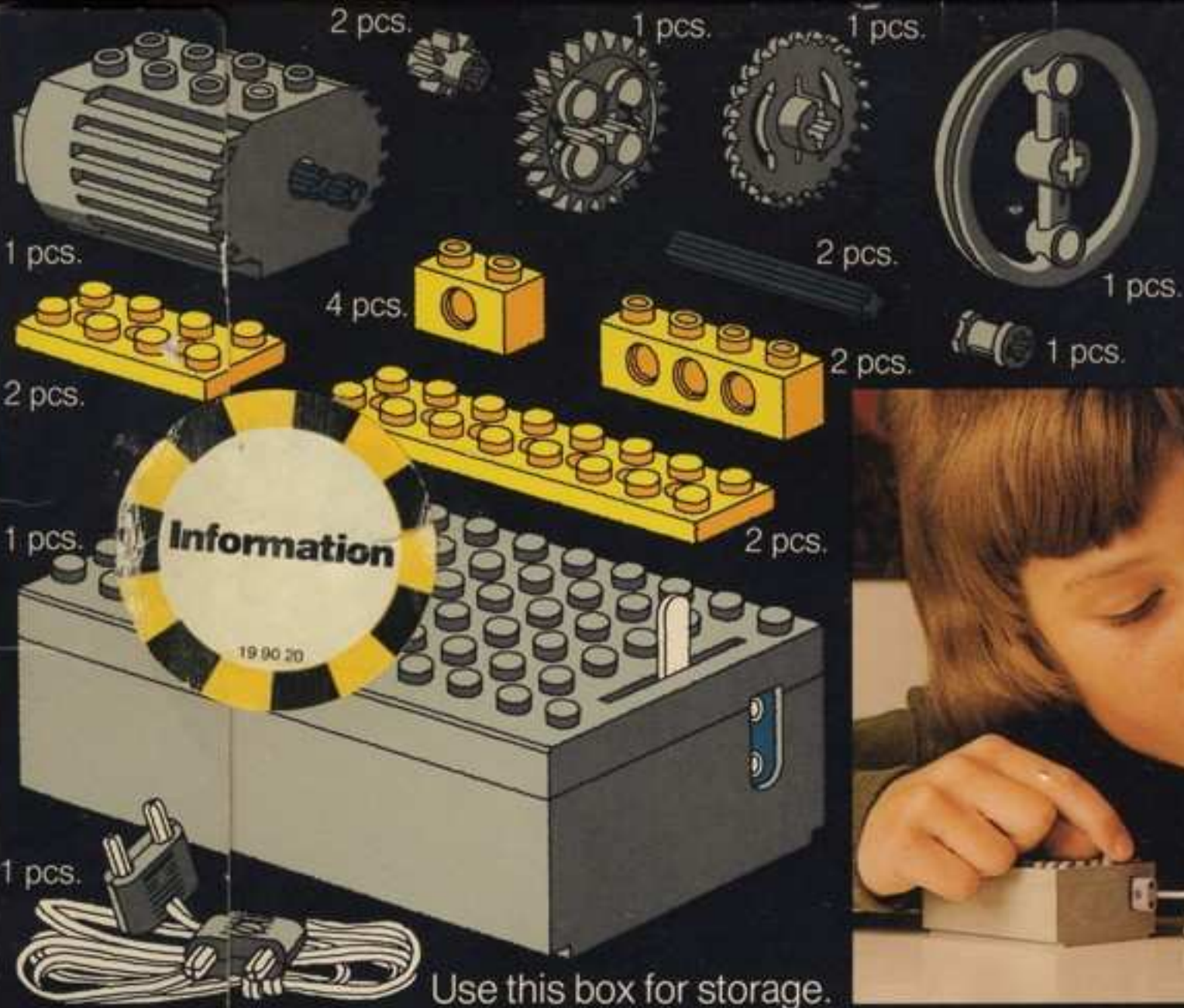


Technical Information

The motor generates approximately 4,000 rpm (revolutions per minute). Therefore, it is necessary to reduce the turning speed to gain greater torque. (This is similar to shifting to a lower gear when going up a steep hill in an automobile). The process of gearing down is accomplished by transmitting power

from a small gear wheel to a larger one, so the number of revolutions is reduced. The same principle applies with rubber band traction when the power is transmitted from a small wheel to a larger one. The above pictures show three examples of how to gear down when power is transmitted from the motor.

LEGO

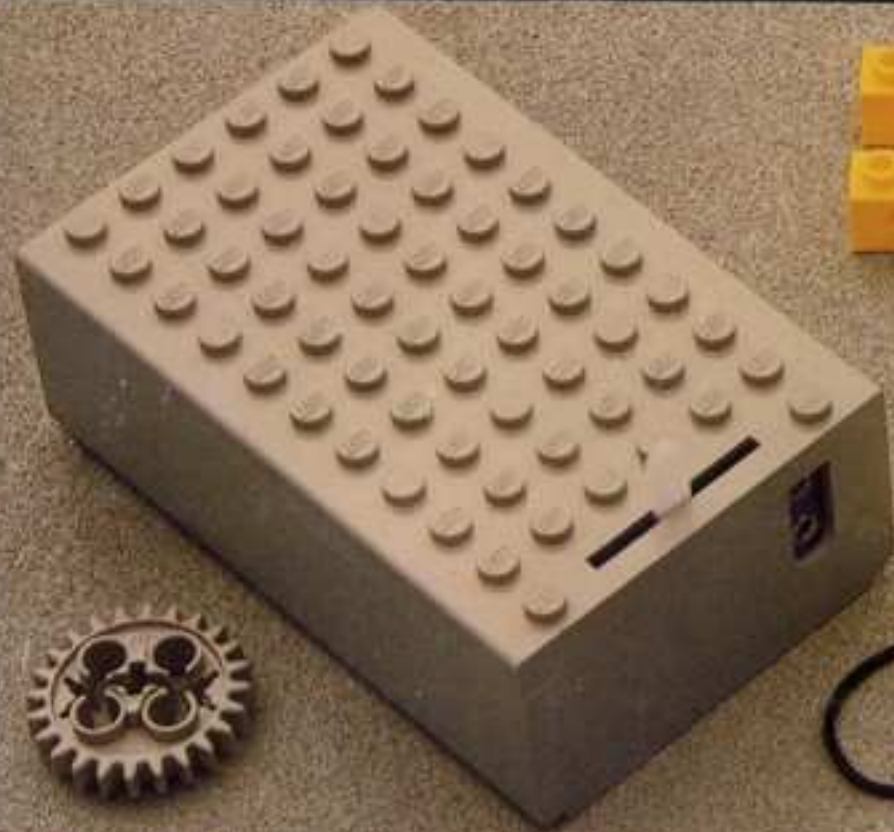




LEGO



Lift lid to see actual contents.
Examples shown
can be made from
other Expert Builder Sets.



22 interlocking pieces

LEGO®

**Expert Builder
Power Pack**

9 years & up

Designed for use
with LEGO® Expert
Builder
Sets



Set Number
960