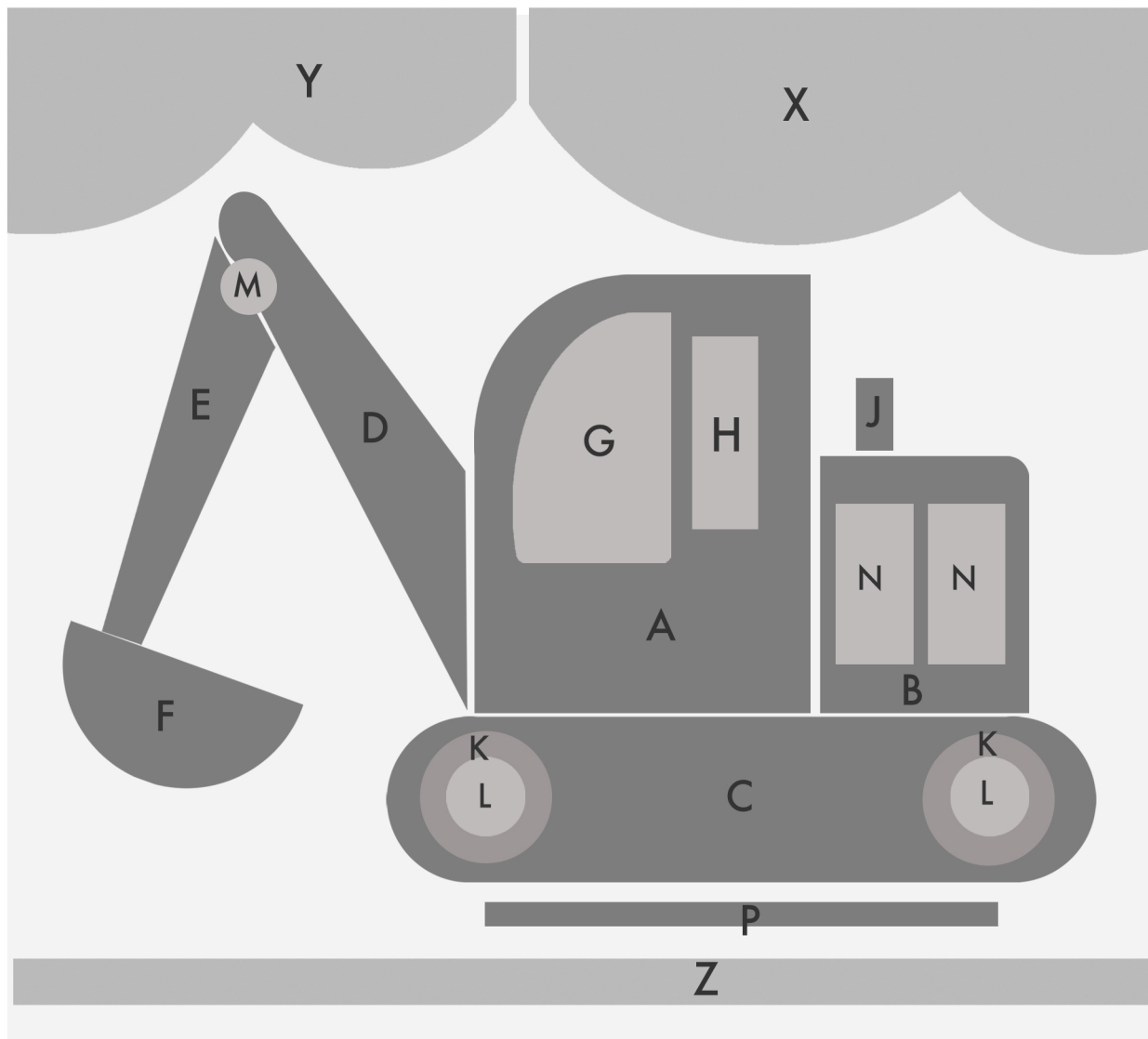


make an excavator



1. Cut sections A, B, C, D, E, F, G, H, X and Y from MDF or birch plywood using the patterns on the following pages.

2. Cut J (exhaust stack) from the end of a round wood dowel (1/2 inch diameter)

3. K, L, M, and N are inexpensive wood shapes. Refer to website instructions to find out where to buy.

K - is a wood circle (1 1/2 inches diameter)

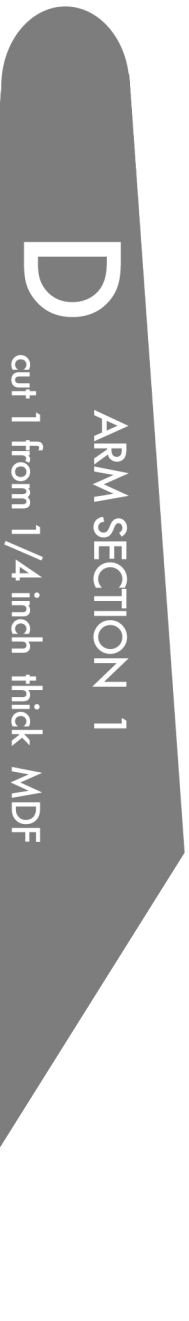
L - is a wood button shape (3/4 inch diameter)

M - is a wood button shape (1/2 inch diameter)

N - is a thin rectangle (1 inch x 2 inches)

4. P is a thin, skinny wood strip. A wooden coffee stir stick or long popsicle stick works really well for this. It will connect the L button shapes.

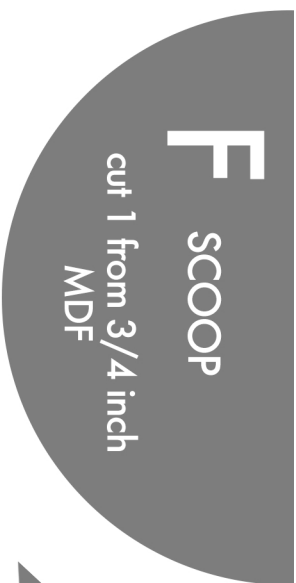
5. Z is a square wood dowel (3/4 inch diameter) cut to a length of 14 inches.



D

ARM SECTION 1

cut 1 from 1/4 inch thick MDF



F

SCOOP

cut 1 from 3/4 inch
MDF



E

ARM SECTION 2

cut 1 from 1/4 inch thick MDF



C

EXCAVATOR LOWER SECTION

cut 1 from 1 inch thick MDF

A

EXCAVATOR CAB

cut 1 from 3/4 inch
thick MDF

H

SMALL WINDOW

cut 1 from 1/4 inch thick MDF

G

MAIN WINDOW

cut 1 from 1/4 inch
thick MDF

B

**EXCAVATOR
BACK**

cut 1 from 1/2 inch
thick MDF

CLOUDS
(left side)

X

join to right side cloud section here >>

Cut from 1/4 inch thick MDF

Join left and right cloud sections together
to make one pattern piece before cutting

<< join to left side cloud section here

CLOUDS

Y

(right side)