



American Red Cross



BUILDING YOUR DERBY CAR

Building a derby car is fun and relatively simple to make. With a little scrounging and innovation, you can make a fun and exciting car. The Red Cross Derby Car was created in a weekend and all the materials were purchased at Make Man Center for a cost of about \$200. We used the following list of materials:

1. 4-2X4 WOOD 438 YEN EACH
2. 1-2X10 WOOD 220 YEN EACH
3. 1-1X10 WOOD 480 YEN EACH
4. 4 TIRES 880 YEN EACH
5. 2 GALVANIZED CONDUIT 220 YEN EACH
6. 1 SHEET OF RUBBER 580 YEN EACH
7. 1 BEARING 1380 YEN EACH
8. 16 U-BRACKETS 23 YEN EACH
9. 1 PACK OF COTTER KEYS 160 YEN EACH
10. LG AND SM SCREWS
11. 2 SMALL SPRINGS
12. 1 ROLL OF ROPE 1880 YEN PER PACK
13. 2 PACK OF HINGES W/SCREWS 500 YEN EACH
14. END PROTECTORS (FOR END OF POLES) 10 YEN EACH
15. PLY-WOOD SHEETS
16. SMALL NAILS

For less expensive materials, check recycling centers, flea markets and other places where supplies might be available.



Materials



Foundation



Final car