HEALEY Ramps

Angle iron used 2" x 2" x ¼"   1 ¾" could be used. The 9 ½" width is discretionary. This height is ideal for creeper access. Not suitable for longer wheelbase vehicles as ramps will tip before rear wheels contact the ramps.

The total length of 12' 2" avoids the ramps extending beyond the bumpers when the car is centred and is determined by the following:
7' 7” Rear to pivot point – the wheelbase of a six so the rear wheels are contacting the ramp as the front wheels pass the pivot point.
4' 7” Pivot point to front – with the car hard forward the point of balance is close to the pivot point.
Tipping ramps flat with a full gas tank can be heavy. Adding an inch to 12’ 3” overall, 4’ 8” front section would help. Alternatively, move the pivot from the front to the rear of the pivot post. (Reverse cut angle)

The folding legs attach to the lower beam not the upper as drawn here.