

3.13 CONCLUSION

1. As we see in first table we reduced the assembly time 23.6 sec. specially in mass production it is a great advantage. For example: if we produce one in 58.18 sec. then we produce 61.87 pieces in one hour. But if we produce one in 34.82 sec. then we produce 103.38 pieces in an hour. This was an easy example just to illustrate that advantage.
2. As for cost we reduced it from 0.97\$ to 0.58\$ but in this reduction, there are some other expenditure that we ignore. For example: We enlarge the diameter of some items it means we used extra material and it will cost us, Here we will just consider the extra material for jack screw, because amount of the material used for others is minor.
3. We eliminated Bissell PinI it means we reduced also cost of material used to produce Bissell PinI,
4. While eliminating bissell pinI we also reduced the drilling operation which is needed for bissell PinI.
5. We spent 0.15\$ for extra used material for each sub assembly.