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## Hire bike

Designers tasked with the design of bicycles for public hire such as those used in the [Bicing](#) scheme in Barcelona, the [Velib](#) scheme in Paris and the [OYBike](#) scheme in London have had to come up with solutions to this component theft problem as these hire bikes are left on street at all times.

These anti-theft solutions include:

- Components that are unique to the hire bicycles thus removing their re-use or resale value if removed
- Fixings for components that are permanent or only removable with special tools that are not freely available to the public
- Integrated hub gears, lights, and baskets that are not removable
- Puncture resistant tyres
- Heavy, durable frames of a distinctive and unique design
- Bright, distinctive colouring making them easy to spot on street and difficult to disguise if stolen
- Adjustable, non-removable saddles and seat posts
- Most include a small cable lock for short stops



### Strengths:

- Many accessories are included for a comfortable ride
- Step through frame indicates 'one-size fits all'
- Lack of ownership of bikes means that theft or vandalism will not deter users from cycling

### Weaknesses:

- Bikes tend to be heavy and cumbersome due to cost restrictions and accessories
- Some components may not withstand a large amount of usage



### Useful References:

<http://www.oybike.com>

<http://www.bicing.com>

<http://www.en.velib.paris.fr/>

<http://en.sevici.es>