32 mm plywood underframe is 520 mm longer than angle-iron frame1 in order to securely connect angle-iron frame2, on which is mounted bike2.

Angle-iron frame1: 35x35x4 mm miter cut corners, solid welded fabrication bolted to plywood underframe.

Alternator mounted on a separate board 410x300x24 mm to permit maximum adjustment options in order to align the bicycle drive wheel and alternator pulley in perfect line.

Fixed in place by Vice Bar.

Angle-iron brace bolted to rear wheel verticle column and to alternator to help secure perfect alignment.
angle-iron frame 2 is 30x30x4 mm secures the driven bicycle and is bolted to a 640 mm plywood underframe whose position can be adjusted so as to bring driven back wheel of bike 2 in contact with and under tension from the alternator belt.