HEADSTOCK PIN

PIVOT

BEND THIS
CORNER
DO NOT
BUTT JOINT

LEGS 22 mm DIA. ELECTRICAL CONDUIT
LIFTING HANDLE 30 mm DIA. STEEL TUBE
PIVOT 20 mm DIA 9APPROX) STEEL BAR
HEADSTOCK PIN TURNED OUT OF 40 mm DIA STEEL

1000 mm

680mm

1200 mm MINIMUM

PIVOT PIN
ACTUALLY
ANGED
FORWARD
APPROX 20
DEG

FWD

PIVOT
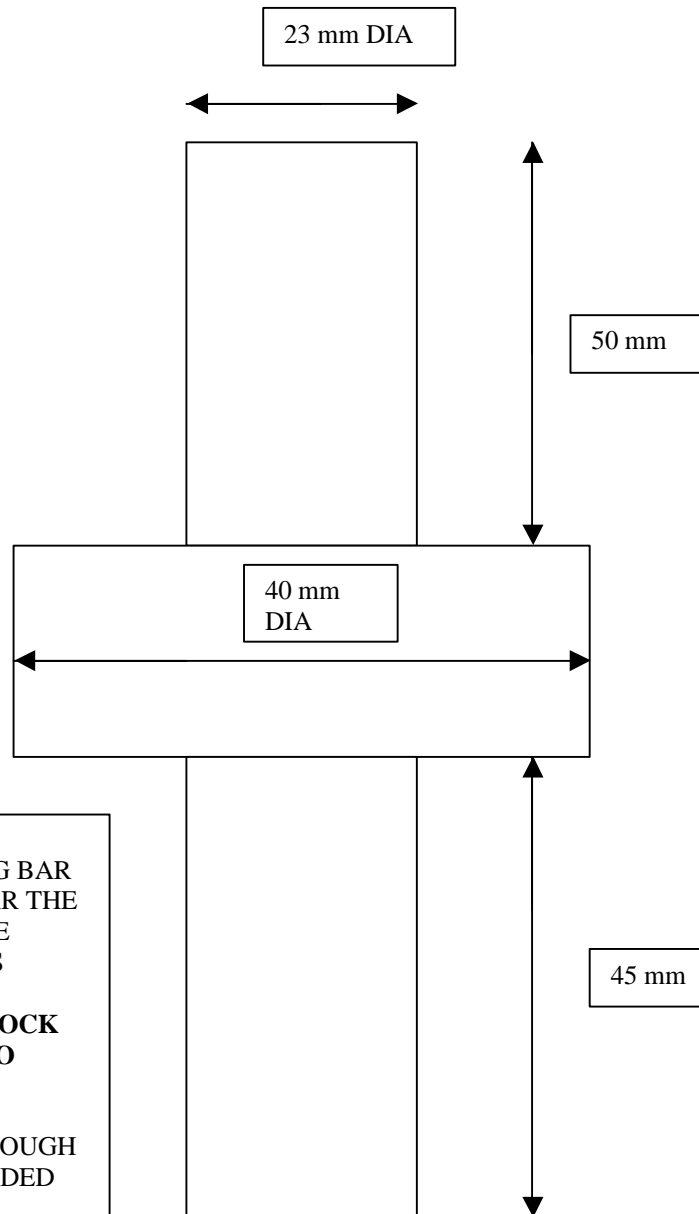
500 mm

630 mm

DETAIL OF HEADSTOCK PIN

23 mm DIA

50 mm

40 mm
DIA

45 mm

NOTES:-
1. LEGS MUST PIVOT ON LIFTING BAR
2. THE LONGER THE LIFTING BAR THE
    EASIER IT IS TO LIFT THE BIKE
3. HEADSTOCK PIN DIMENSIONS
    CRITICAL
4. **MOST IMPORTANT: HEADSTOCK
    PIN NOT PERPENDICULAR TO
    LIFTING BAR, BUT TILTED
    FORWARD AT 20 DEGREES!**
5. HEADSTOCK PIN PASSES THROUGH
    LIFTING HANDLE AND IS WELDED
    IN PLACE
6. PIVOT IS JUST A BAR (APPROX 20mm
    DIA) PASSING THROUGH LIFTING
    HANDLE AND WELDED TO LEGS
7. MAKE LIFTING BAR OF HEAVIEST
    GAUGE TUBE YOU CAN GET! I USED
    3mm WALL THICKNESS
8. LIFTING BAR 30mm DIA STEEL TUBE