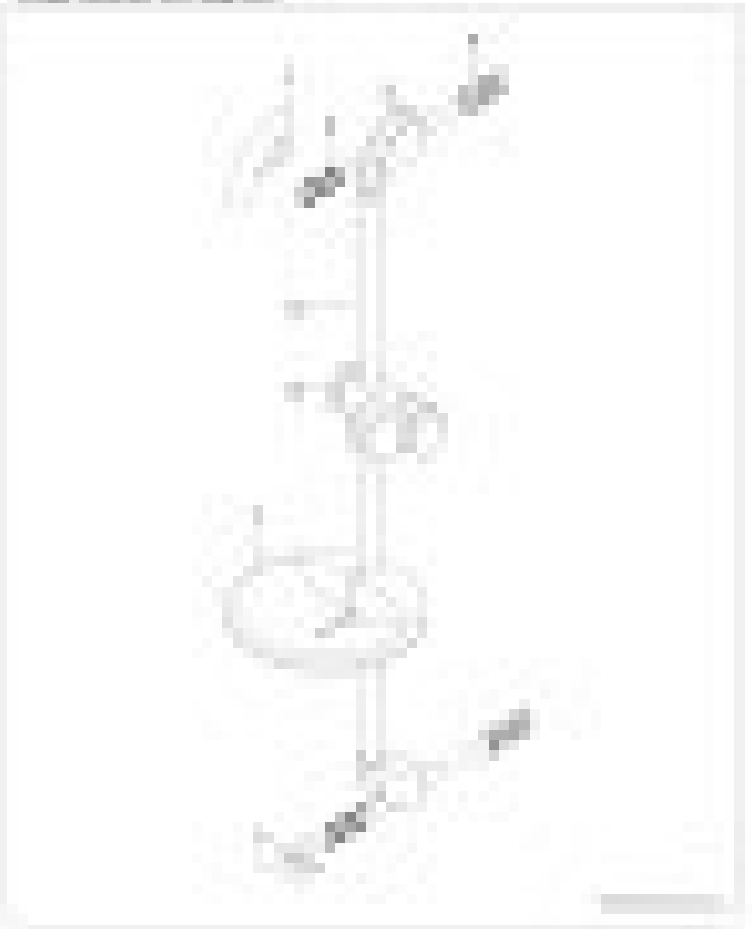5.5 ROSEN BOO