THE GEARBOX DIAGRAMS BELOW HAVE BEEN KINDLY DRAWN AND FORWARDED TO US BY LES HOWARD AS THEY MAY BE USEFUL TO GAIN A BETTER UNDERSTANDING OF HOW THE 4 SPEED GEARBOX WORKS
GEARS AND SHAFTS BEING DRIVEN

GEARS TURNING FREELY

SLIDING GEARS SPLINED TO SLEEVE SHAFT RECEIVING TORQUE & TRANSMITTING DRIVE

TORQUE PATH THROUGH GEARBOX

SELECTOR DIRECTION FROM NEUTRAL

Created by Les Howard
INPUT FROM CLUTCH

OUTPUT TO GEARBOX SPROCKET

GEARS AND SHAFTS BEING DRIVEN

GEARS TURNING FREELY

SLIDING GEARS SPLINED TO SLEEVE SHAFT RECEIVING TORQUE & TRANSMITTING DRIVE

TORQUE PATH THROUGH GEARBOX

SELECTOR DIRECTION FROM NEUTRAL

SECOND

Created by Les Howard
Gears and shafts being driven.

Input from clutch.

Output to gearbox sprocket.

Torque path through gearbox.

Selector direction from neutral.

Third.
KEY

- GEARS AND SHAFTS
  BEING DRIVEN
- GEARS TURNING
  FREELY
- SLIDING GEARS
  SPLINED TO SLEEVE
  SHAFT RECEIVING
  TORQUE &
  TRANSMITTING DRIVE
- TORQUE PATH
  THROUGH GEARBOX
- SELECTOR DIRECTION
  FROM NEUTRAL

INPUT FROM CLUTCH

OUTPUT TO GEARBOX SPROCKET

FOURTH

Created by
Les Howard