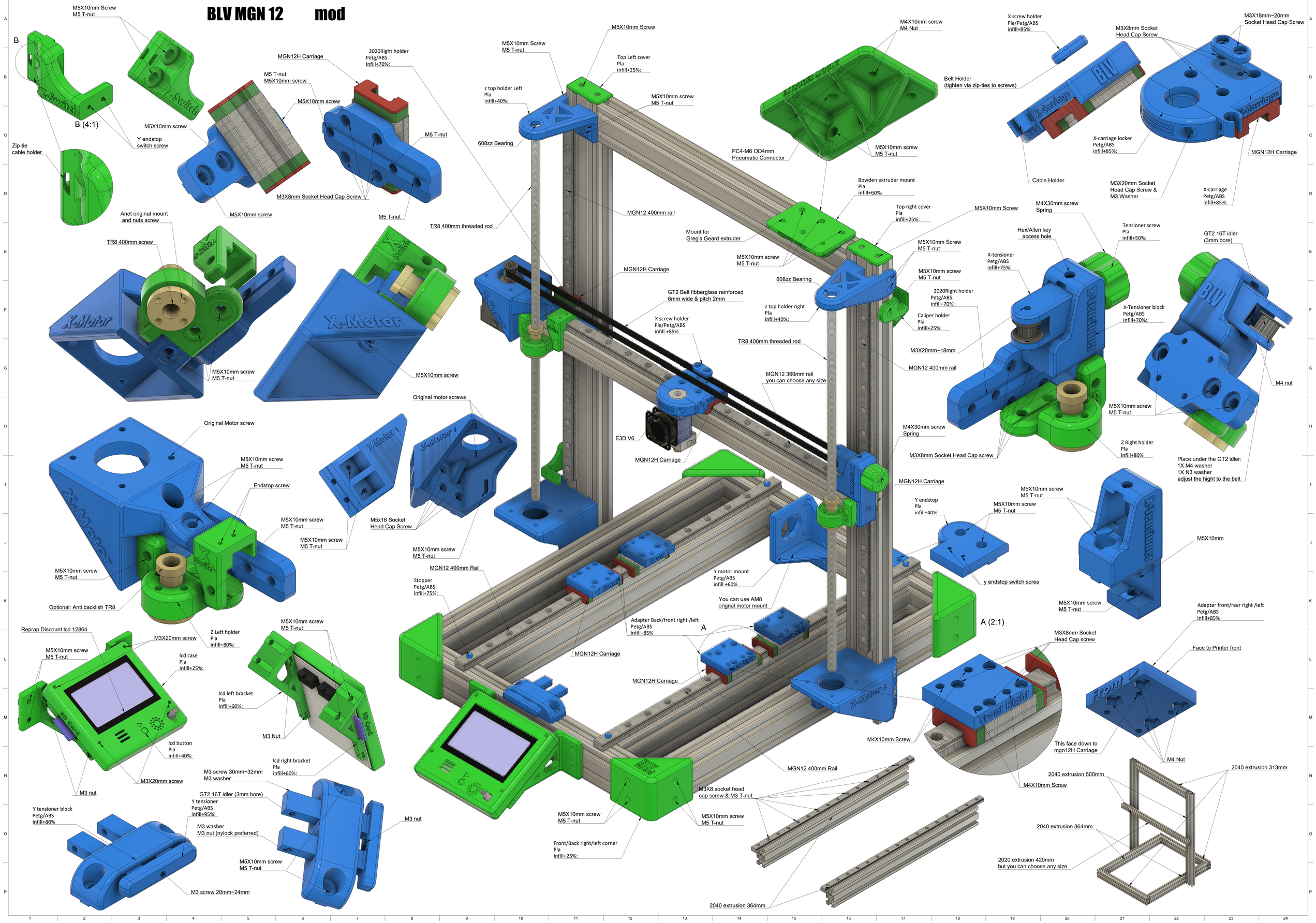BLV MGN 12 mod