# TECHNICAL BULLETIN

MOTORCYCLE
M5-051

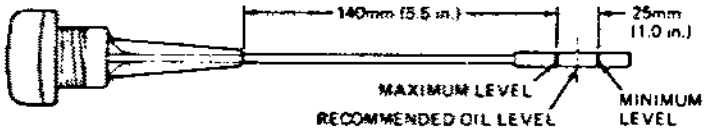
## 1975 FOUR-STROKE MODELS
## RECOMMENDED ENGINE OIL CAPACITY

The following information is provided as a guide to replacement of engine oil in 1975 model 4 strokes. The oil quantity should be added for the following conditions of oil replacement.

| XS500B (TX500, TX500A) | |
|---|---|
| Routine oil change: | 3000cc (3.2 qt.) |
| Oil filter change: | 3200cc (3.4 qt.) |
| Dry, overhauled engine: | 3500cc (3.7 qt.) |

| XS650B (TX650A) | |
|---|---|
| Routine oil change: | 2000cc (2.1 qt.) |
| Oil strainer cleaning: | 2200cc (2.3 qt.) |
| Dry, overhauled engine: | 2500cc (2.6 qt.) |

XS650B modified dipstick. XS650B's after engine number 103747 have new style dipsticks to indicate a recommended lower oil level. These new dipsticks can be identified by the following dimensions:



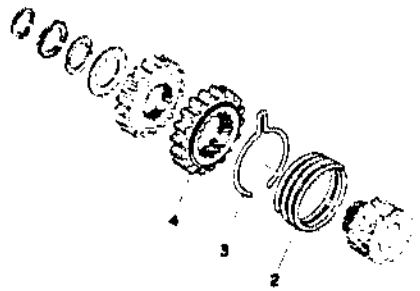

Any TX650A or XS650B having oil misting from the breather pipes should use a lower engine oil level. The original dipstick should be modified by changing the existing minimum and maximum level marks to correspond to the new design dipstick dimensions. This represents a 10mm oil level reduction recommended by Yamaha over original specifications.

The recommended oil level should be mid-way between the minimum and maximum level marks on the modified dipstick.

MOTORCYCLE
M5-071

## ALL ELECTRIC START 650's
## ERRATIC STARTER ENGAGEMENT

Erratic electric starter engagement and disengagement on Yamaha 650 twins is often the result of the improper functioning of the three parts described below. Replacement of these parts with the indicated improved parts (only as a set), will generally cure erratic engagement problems.




### PARTS LIST (REFERENCE NUMBERS REFER TO TX650A PARTS LIST)

| REF. NO. | NEW PART NUMBER | DESCRIPTION | QTY. | PRICE DISC. |
|---|---|---|---|---|
| 7-2 | 90501-15409-00 | SPRING, compression | 1 | |
| 7-3 | 90468-29062-00 | CLIP | 1 | |
| 7-4 | 447-15518-00-00 | GEAR 4 | 1 | |

NOTE: These parts are standard XS650C parts. They may be used as a set only on all earlier 650 Yamaha twins with electric starters.

The clip (wishbone-shaped spring) position is changed as shown below.

