

# CHECKING FOR MISALIGNMENT

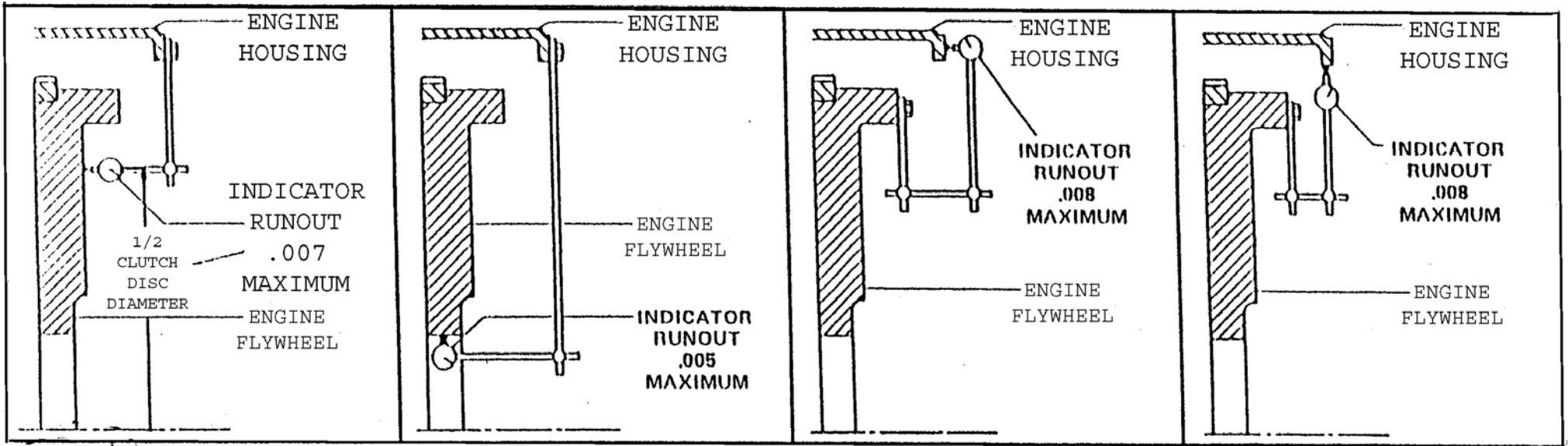
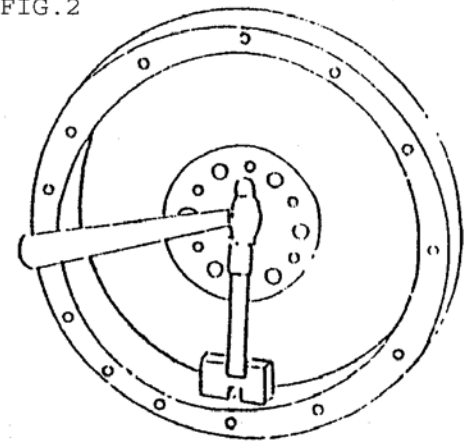


FIG. 1

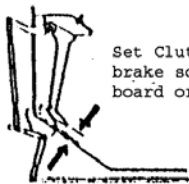
## ADJUSTING PROCEDURE:

Before adjusting anything, review the conditions required for proper clutch action. A pull-type clutch when used with a non-synchronized transmission permits use of a single clutch brake. The brake "squeeze" should begin about 1 inch from the floor board or the end of the pedal stroke. Any clutch will slip and burn up if there is no free pedal. To release properly, the clutch release bearing must move about 1/2 inch. This occurs between the end of free pedal travel and the brake actuation point.

FIG. 2



### STEP 1 FOR BOTH MANUAL AND SELF ADJUSTING CLUTCHES



Set Clutch Linkage to begin brake squeeze 1" above floor board or end of pedal stroke.

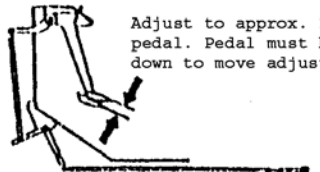
Proper adjustment of clutch brake is achieved by shortening or lengthening the external linkage rod.

NOTE:  
Hydraulic linkage- Refer to manufacturer's specifications for proper adjustment system.

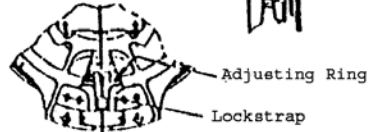
Synchronized Transmission- (No Brake) Adjust external linkage so release bearing almost contacts transmission bearing cap when pedal is fully depressed.

Verify 1/2" release travel.

### STEP 2 FOR MANUAL ADJUSTING CLUTCHES ONLY



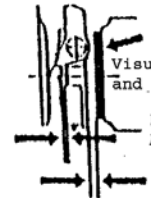
Adjust to approx. 1 1/2" free pedal. Pedal must be held down to move adjusting ring.



Remove adjusting lockstrap: Turning the adjusting ring clockwise moves the release bearing toward the transmission. (Increase free pedal)

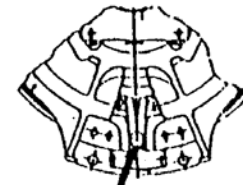
Turning adjusting ring counter-clockwise moves the release bearing toward the engine. (Decrease free pedal)

### STEP 3 FOR BOTH MANUAL AND SELF ADJUSTING CLUTCHES



Clutch Brake  
Visually check both free travel and release travel shown below.  
Free Travel Approx. 1/8"  
Release Travel Approx. 1/2"

### STEP 4 FOR MANUAL ADJUSTING CLUTCHES ONLY



Reinstall the lockstrap

FIG. 3

