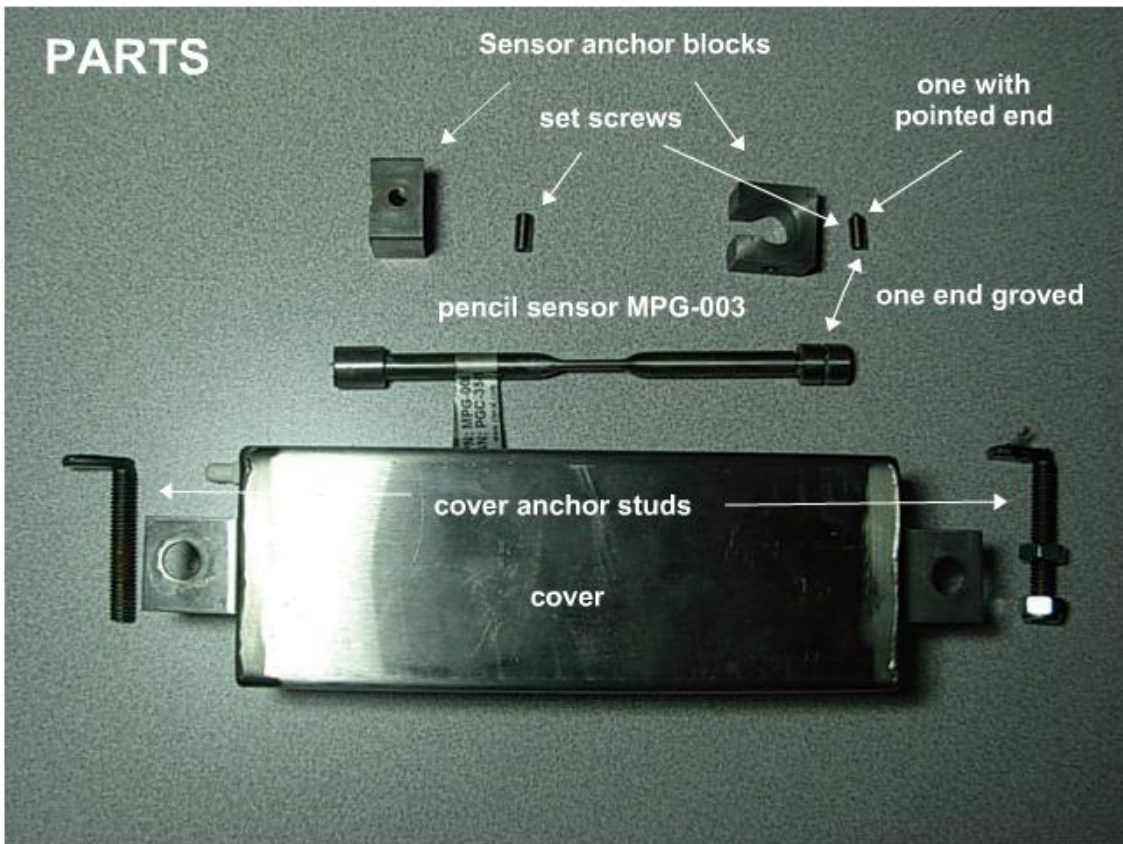


**MPG 003
MECHANICAL SENSOR
INSTALLATION**

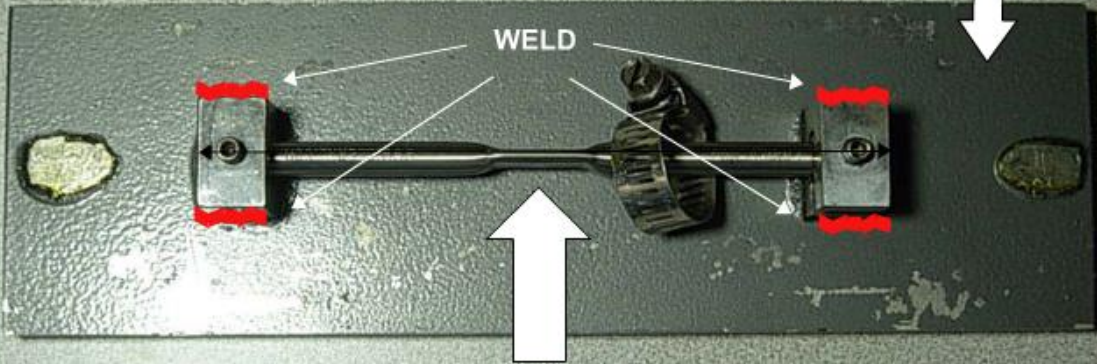


PARTS



POSITION SENSOR (WELDING JIG) AND
BLOCKS ON TOP IN THE CENTER OF
THE AXLE OR EQUALIZER BEAM WELD
BLOCKS INTO POSITION SECURELY.

THIS PLATE IS ONLY USED FOR
DEMONSTRATION WELD BLOCKS AND
COVER STUDS DIRECTLY TO THE AXLE OR
EQUALIZER BEAM.



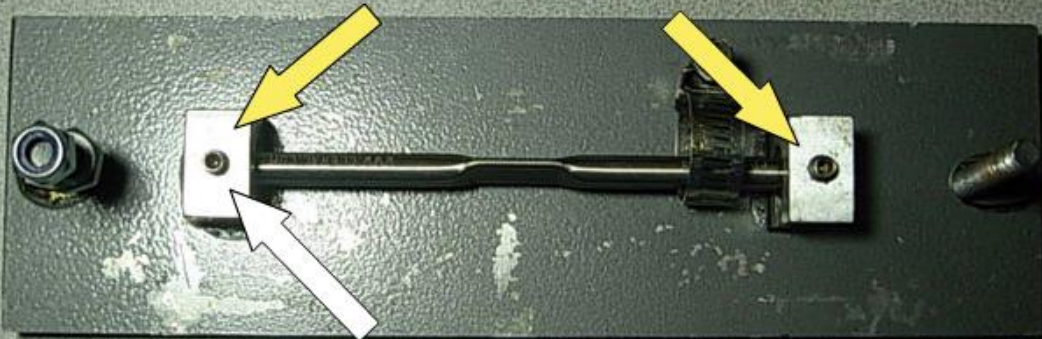
**USE WELDING JIG - CAN USE ANYTHING THAT
EQUALS LENGTH AND WIDTH OF SENSOR (6 1/8"
X 1/2"). DO NOT USE ACTUAL SENSOR WHEN
WELDING THE HEAT MAY DAMAGE THE SENSOR**

WELD COVER STUDS INTO POSITION
USE COVER BOX AS A GUIDE
POSITION BOX CENTERED OVER
SENSOR AND BLOCKS



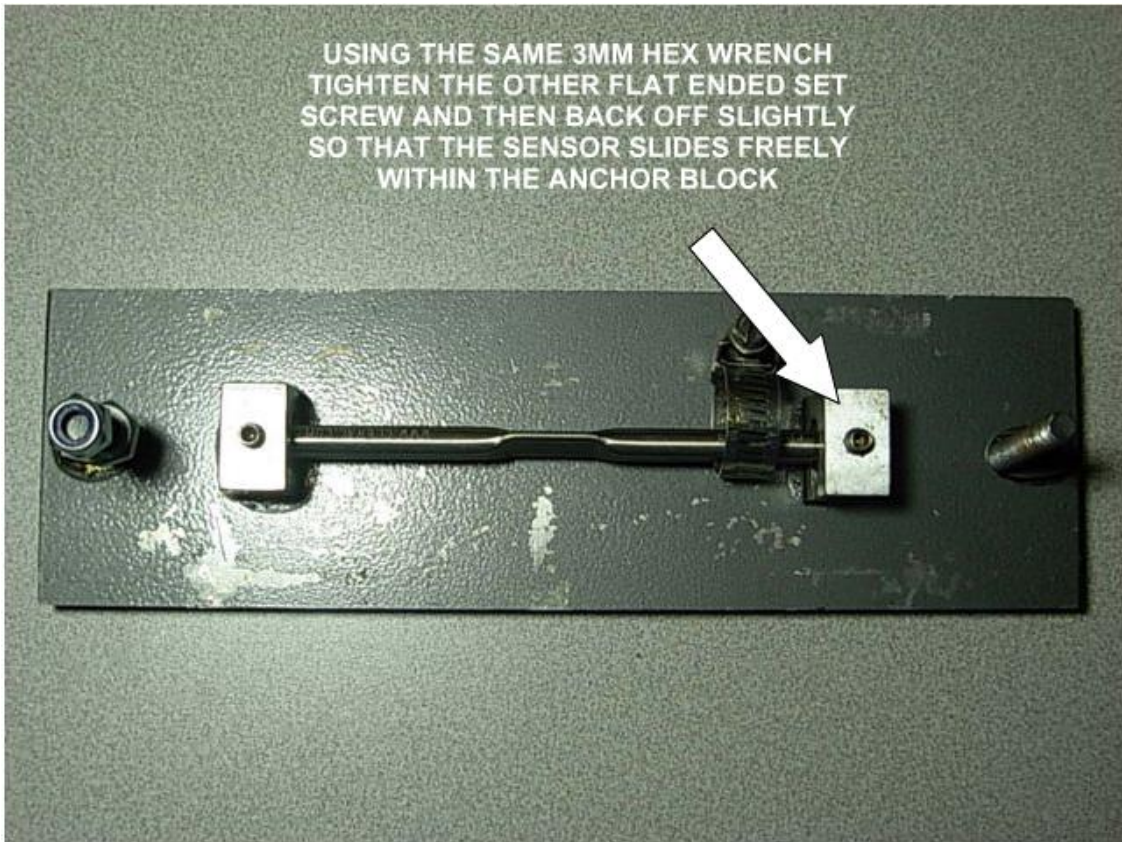
NOW REPLACE WELDING JIG
WITH MPG-003 PENCIL SENSOR

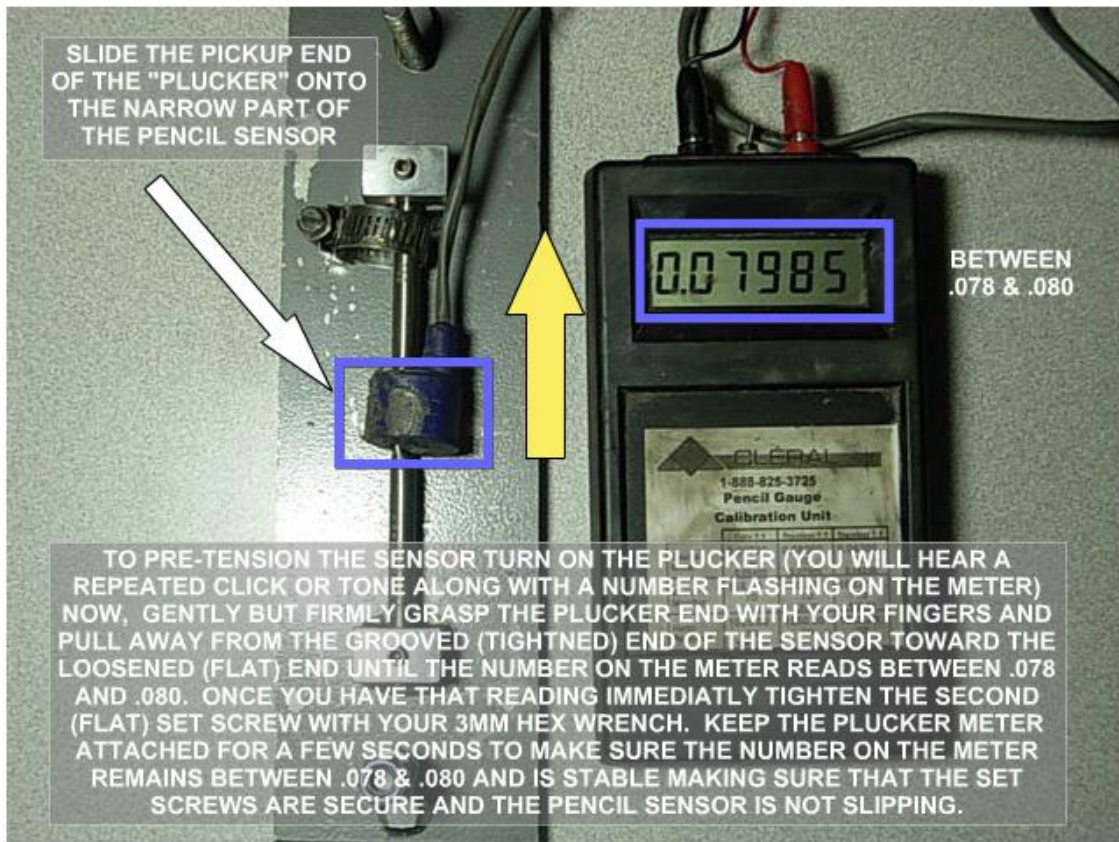
*TIP - WHEN INSERTING THE MPG-003 PENCIL SENOR APPLY A GENEROUS
COATING OF ANTI-SEIZE OR GREASE TO BOTH ENDS OF THE SENSOR AND
TO THE SET SCREWS. IT WILL MAKE THINGS A LOT EASIER IF A SENSOR
NEEDS TO BE REMOVED OR REPLACED IN THE FUTURE.



MATCH THE GROOVED END OF THE SENSOR WITH
THE POINTED SET SCREW SO THAT THE POINT ON
THE SET SCREW FITS INTO THE GROOVE AND
TIGHTEN SECURLY (DO NO OVER TIGHTEN) USING
A 3MM HEX WRENCH.

USING THE SAME 3MM HEX WRENCH
TIGHTEN THE OTHER FLAT ENDED SET
SCREW AND THEN BACK OFF SLIGHTLY
SO THAT THE SENSOR SLIDES FREELY
WITHIN THE ANCHOR BLOCK





REVOVE PLUCKER END FROM PENCIL
SENSOR AND REPLACE IT WITH THE SENSOR
CABLE END SLIDE THE PICKUP CLAMP
OVER THE END AND TIGHTEN. AGAIN, GENTLY BUT
FIRMLY (DO NOT OVER TIGHTEN OR YOU
MAY DAMAGE THE PICKUP).





RUN SENSOR CABLE IN PROTECTED
PATH AND ATTACHED OTHER END OF
CABLE TO THE CORRECT INPUT ON
THE SENTINEL MULTIPLEXER OR BACK
OF CAB MOUNTED KILOAD MONITOR.

INSTALL AND SECURE COVER WITH
RETAINING NUTS MAKING SURE THAT YOU
DO NOT PINCH THE CABLE WHILE
INSTALLING THE COVER. THE CABLE EXITS
THE COVER THROUGH THE NOTCH PRE-CUT
ON THE SIDE OF THE COVER.

KILOAD (KEY-LOAD) COMMON SENSOR PLACEMENTS & CONFIGURATIONS

**(NOT LIMITED TO THESE CONFIGURATIONS CONSULT YOUR CLERAL
DEALER IF UNSURE OF YOUR SUSPENSION CONFIGURATION)**



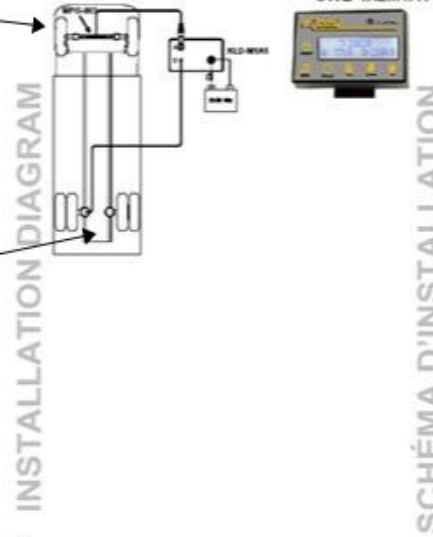
MECHANICAL SENSOR
MPG-003 ON STEER
AXLE



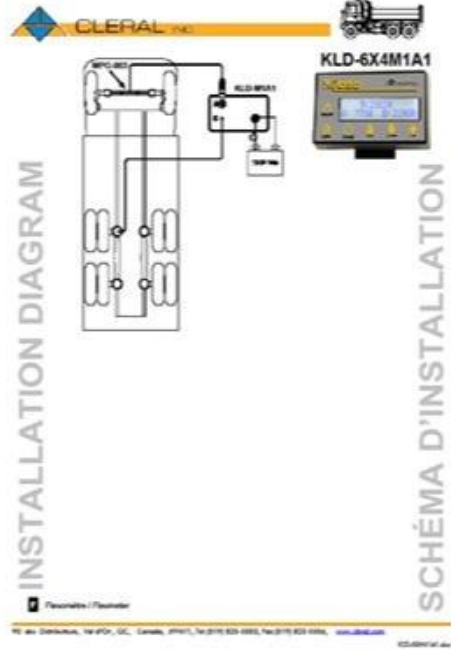
SWE-4X2M1A1

CAB
MOUNTED
KILOAD
MONITOR

AIR



SAME AS BEFORE DUAL
REARS



MECHANICAL MPG-003 ON
STEER AXLE

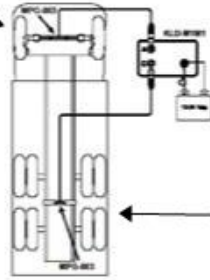
MACK "CAMELBACK"



KLD-6X4M1M1



INSTALLATION DIAGRAM



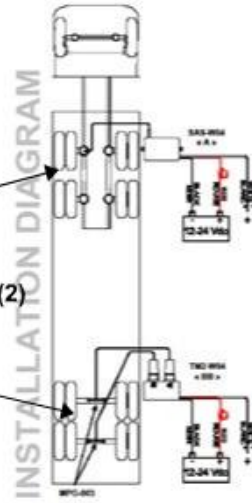
MECHANICAL MPG-003 ON
REAR TRUNION

SCHEMA D'INSTALLATION

SENTINEL COMMON SENSOR PLACEMENTS & CONFIGURATIONS

(NOT LIMITED TO THESE CONFIGURATIONS CONSULT YOUR CLERAL
DEALER IF UNSURE OF YOUR SUSPENSION CONFIGURATION)



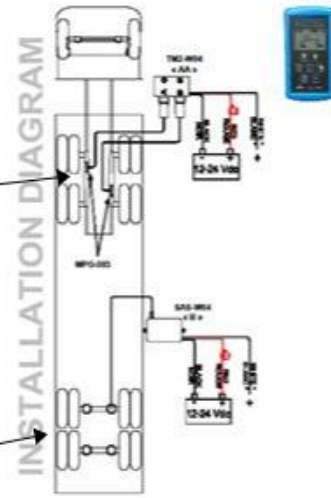


AIR RIDE TRACTOR
MECHANICAL SENSORS (2)
ON TRAILER AXLES

*Wells wire should be connected to temporary 12 volt positive supply for acquiring only. Use
 the correct wire for the correct sensor.
 *La fil rouge doit être branché à l'alimentation 12 volt positif temporaire pour les d'acquisition
 seulement. Utilisez l'alimentation des fils correcte pour les capteurs.

SCHÉMA D'INSTALLATION

BEAM TYPE SUSPENSION ON TRACTOR AIR ON TRAILER



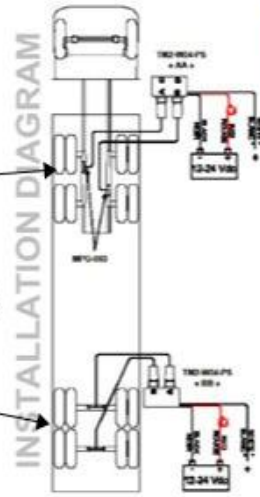
* White wire should be connected to temporary 12 vdc positive supply for acquiring only. Use caution to avoid shorting the battery.
 * La fil blanche doit être branchée à l'alimentation 12 vdc positive temporaire pour fin d'acquisition seulement. Utilisez l'alimentation des Neux de démarrage.

SCHÉMA D'INSTALLATION

MECHANICAL MPG-003 SENSORS MOUNTED DIAGONAL OPPOSED ON BEAMS

AIR

Accessories / Accessoires



MECHANICAL MPG-003
SENSORS ON BOTH
TRACTOR AND TRAILER
BEAM TYPE SUSPENSION
ON TRACTOR



* While wire should be connected to temporary 12 volt positive supply for acquiring only. Use
the main power supply for permanent use.
* Le fil rouge doit être branché à l'alimentation 12 volt positif temporaire pour les
acquisitions. Utilisez l'alimentation des Neux ensuite sur une Neux de Tracteur.

SCHÉMA D'INSTALLATION



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