

**Arlen Ness Enterprises**  
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**ASSEMBLY INSTRUCTIONS**  
**1999 TWIN CAM**  
**OIL PRESSURE GAUGE KIT**  
**PN 15-658**

PART #	DESCRIPTION	QUANTITY
15-655U	NESS OIL PRESSURE GAUGE	1
15-658C	RADIUS GAUGE MOUNT	1
15-656C	RADIUS OIL GAUGE CONE	1
15-649U	OIL LINE	1
H-119	OIL SENDING UNIT ADAPTOR	1
H-856C	5/16-18 X 2" CHROME BUTTON HEAD	2
H-349CAN	5/16" CHROME FLAT WASHER	2
H-348C	1/4" CHROME WASHER	1
H-394B	8/32 X 1/4" SET SCREW	1
10046	SMALL CLIP HANGER	1
15-658F	45 DEG. FITTING	1

- 1) WRAP THE THREADS ON THE OIL PRESSURE GAUGE WITH TEFLON TAPE
- 2) SCREW THE OIL LINE ONTO THE OIL PRESSURE GAUGE
- 3) FIT GAUGE CONE INTO GAUGE MOUNTING BRACKET, ALIGNING SCREW HOLE IN THE BRACKET AND CONE
- 4) THREAD 8/32 SET SCREW INTO GAUGE MOUNTING BRACKET UNTIL IT JUST ENTERS HOLE IN GAUGE CONE
- 5) FIT GAUGE AND OIL LINE INTO CONE/MOUNTING BRACKET, ALIGN FACE OF GAUGE WITH BRACKET'S REAR EDGE
- 6) TIGHTEN SET SCREW UNTIL IT IS JUST SNUG AGAINST THE GAUGE, DO NOT OVER TIGHTEN OR THE GAUGE CAN BE DAMAGED
- 7) REMOVE THE TWO RIGHT SIDE ROCKER BOX SCREWS FROM THE REAR CYLINDER HEAD, THE TANK MAY NEED TO BE RAISED TO GAIN ACCESS TO THEM.
- 8) USE THE TWO 5/16-18 X 2" CHROME BUTTON-HEAD SCREWS AND TWO 5/16" CHROME FLAT WASHERS TO ATTACH THE GAUGE MOUNT TO THE ROCKER BOX
- 9) SLIP THE HOSE CLIP OVER THE END OF OIL LINE
- 10) REMOVE THE OUTSIDE REAR ALLEN BOLT FROM THE FRONT LIFTER AND FIT THE HOSE CLIP AND THE 1/4" WASHER ONTO THE ALLEN BOLT AND REINSTALL THE ALLEN BOLT INTO THE LIFTER BLOCK
- 11) REMOVE THE WIRE FROM THE STOCK SENDING UNIT, UNSCREW THE SENDING UNIT FROM THE FRONT OF THE CRANKCASE
- 12) WRAP THE THREADS OF THE SENDING UNIT WITH TEFLON TAPE AND SCREW IT INTO THE OIL PRESSURE ADAPTOR
- 13) WRAP THE THREADS OF OIL PRESSURE ADAPTOR WITH TEFLON TAPE AND SCREW IT INTO THE CRANKCASE
- 14) TIGHTEN THE ADAPTOR SO THAT THE THREADED HOLE IN THE MIDDLE OF THE ADAPTOR IS POINTING STRAIGHT UP
- 15) A: 88 B MOTOR ONLY WRAP THREADS OF 45 DEGREE FITTING AND SCREW INTO OIL-PRESSURE ADAPTER  
B: WRAP THE THREADS OF THE OIL LINE FITTING AND SCREW INTO OIL PRESSURE ADAPTOR, 88B MOTOR SCREW IT INTO 45 DEGREE FITTING
- 16) CONNECT THE OIL LINE TO THE OIL LINE FITTING
- 17) RECONNECT THE WIRE TO THE OIL SENDER, START THE MOTOR AND CHECK FOR LEAKS.

18) BUBBLE IN FACE IS NORMAL