

# Installation Instructions

**INSTALLATION MUST BE PERFORMED  
BY  
QUALIFIED EQUISERV PERSONNEL ONLY**

## INSTALLATION OVERVIEW: \_\_\_\_\_

The following kit contains all the parts necessary to setup the Vmas (Vehicle Mass Analysis System). If this kit is being installed in New York the EAK0160L00A Phase II update kit is a prerequisite to this installation.

## PARTS & ACCESSORIES LIST: \_\_\_\_\_

PART NUMBER	DESCRIPTION	QTY
0647-0305-01	Sleeve, Exhaust Hose	1
0647-0306-01	Cone, Exhaust Hose	1
4656-0018	Clamp, Hose	6
5138	Hose, 10ft.	1
5238	Hose, 15ft	1
5638	Sleeve, Blower Guard	1
5W438	Hose, 7ft.	1
EESE133A00	MMS (Mass Measurement System)	1
TEESE133A	Installation Instructions	1

## REQUIRED TOOLS: \_\_\_\_\_

- Complete Tool Kit

## INSTALLATION INSTRUCTIONS: \_\_\_\_\_

1. Unpack the Vmas and the accessories from their packaging.
2. Attach the 10ft. Red Hose (5-138) to the blower end of the MMS using a Hose Clamp (4656-0018).
3. Insert the Sleeve (0647-0305-01) half way into the end of the 10ft. Red Hose. Secure it using a Hose Clamp (4656-0018).
4. Slide one end of the 7ft. Red Hose (5W438) over the other half of the Sleeve (on the 10ft. hose) and secure with a Hose Clamp (4656-0018).
5. Insert the Blower Guard (5638) half way into the other end of the 7ft. Red Hose, and secure with a Hose Clamp (4656-0018).

6. Slide the Exhaust Hose Cone (0647-0306-01) over the sleeve at the end of the 7ft. Red Hose and secure with a Hose Clamp (4656-0018).
7. Attach the 15ft. Black Hose (5238) to the exhaust port of the MMS with a Hose Clamp (4656-0018). The end of the black hose with the long connection sleeve connects to the MMS.
8. Locate the MMS Communications Cable, which should already be attached to the host analyzer. It should also have a loopback connector on the end of it.
9. Remove the loopback connector and place it in the Host analyzers storage drawer.
10. Attach the end of the communications cable to the Communications Connector hanging off the Vmas.

**NOTE:** *The Black and Red Reducer Hose Sleeves are not used. Please Discard.*

**INSTALLATION COMPLETE**