

**DART :02 Sensor**



**Prepared by:** John Gunter  
Sr. Field Service Rep.  
614-256-6046

**Approved By:** Dan Allen – Chief Engineer

**Property and Top Bus Number:** DART: 304500



## DART :02 Sensor



**Issue:** 02 Sensor is falling on the turbo.

**Reason/ cause:** The sensor harness is being held up with a tie wrap and it is breaking.

**Solution:** Replace the tie wrap with a clamp

**Number of affected buses:** 390001-39050

**Estimate repair hours/bus:** 30 minutes

### **Necessary parts:**

Clamp, hose, silicone/SS,7/8" id	Part #: <b>5002523</b>	1/bus,
Boil,1/4-20x1,hex,ZN,GR8	Part #: <b>220420088</b>	1/BUS
Washer,flat,1/4,ZN	Part #: <b>2604</b>	2/bus
Nut,1/4-20,Hex,Stover	Part #:2104208	1/bus

### **Necessary tools:**

**Basic hand tools**

PROPERTY OF:  
  
North American  
Bus Industries, Inc.  
WHEN PRINTED VALID FOR THREE DAYS FROM:

## DART :02 Sensor



### **SAFETY PRECAUTIONS MUST BE FOLLOWED ACCORDING TO ACCEPTED INDUSTRY STANDARDS AND LOCAL/PROPERTY REQUIREMENTS.**

1. Park the bus and apply the parking brake.
2. Turn off main battery disconnect switch(es).
3. The 0/2 sensor harness is located above the turbo. Remove the tie wrap and install a clamp as shown below.



Tie wrap to be removed

## DART :02 Sensor



New clamp  
that was  
added

4. Check for completeness of work.
5. Remove all tools from working area.
6. Turn the main battery disconnect switch(es) on.